


**Form OP-CRO1**  
**Certification by Responsible Official**  
**Federal Operating Permit Program**

All initial permit application, revision, renewal, and reopening submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

<b>I. Identifying Information</b>					
RN: 100222488		CN: 600131155		Account No.: TA0054T	
Permit No.: O-01631			Project No.: 37188		
Area Name: Bell Plant 1			Company Name: Bell Textron Inc.		
<b>II. Certification Type</b> <i>(Please mark the appropriate box)</i>					
<input checked="" type="checkbox"/> Responsible Official			<input type="checkbox"/> Duly Authorized Representative		
<b>III. Submittal Type</b> <i>(Please mark the appropriate box) (Only one response can be accepted per form)</i>					
<input type="checkbox"/> SOP/TOP Initial Permit Application		<input type="checkbox"/> Update to Permit Application			
<input type="checkbox"/> GOP Initial Permit Application		<input checked="" type="checkbox"/> Permit Revision, Renewal, or Reopening			
<input type="checkbox"/> Other: _____					
<b>IV. Certification of Truth</b>					
<p><b>This certification does not extend to information which is designated by the TCEQ as information for reference only.</b></p> <p>I, <u>Marlene Meadows</u> certify that I am the <u>RO</u>  <i>(Certifier Name printed or typed)</i> <span style="float: right;"><i>(RO or DAR)</i></span></p> <p>and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:</p> <p><i>Note: Enter Either a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i></p> <p>Time Period: From <u>09/09/2024</u> to <u>03/11/2025</u>  <span style="margin-left: 150px;"><i>Start Date</i></span> <span style="margin-left: 150px;"><i>End Date</i></span></p> <p>Specific Dates: _____  <span style="margin-left: 100px;"><i>Date 1</i></span> <span style="margin-left: 50px;"><i>Date 2</i></span> <span style="margin-left: 50px;"><i>Date 3</i></span> <span style="margin-left: 50px;"><i>Date 4</i></span> <span style="margin-left: 50px;"><i>Date 5</i></span> <span style="margin-left: 50px;"><i>Date 6</i></span></p>					
Signature: <u></u>			Signature Date: <u>03/11/2025</u>		
Title: <u>VP Quality &amp; EHS</u>					

**AIR PERMITS DIVISION**

**MAR 13 2025**

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*HR2*

**Texas Commission on Environmental Quality**  
**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1**  
**Federal Operating Permit Program**

Date:	03/11/2025
Permit No.:	O-01631
RN No.:	100222488

*For SOP applications, answer ALL questions unless otherwise directed.*

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

<b>Form OP-REQ1: Page 2</b>	
<b>I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)</b>	
<b>B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots</b>	
1. Items a - d determines applicability of any of these requirements based on geographical location.	
◆ a.	The application area is located within the City of El Paso. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ b.	The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ c.	The application area is located in the portion of Harris County inside the loop formed by Beltway 8. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ d.	The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<i>If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO," go to Section I.C.</i>	
2. Items a - d determine the specific applicability of these requirements.	
◆ a.	The application area is subject to 30 TAC § 111.143. <input type="checkbox"/> YES <input type="checkbox"/> NO
◆ b.	The application area is subject to 30 TAC § 111.145. <input type="checkbox"/> YES <input type="checkbox"/> NO
◆ c.	The application area is subject to 30 TAC § 111.147. <input type="checkbox"/> YES <input type="checkbox"/> NO
◆ d.	The application area is subject to 30 TAC § 111.149. <input type="checkbox"/> YES <input type="checkbox"/> NO
<b>C. Emissions Limits on Nonagricultural Processes</b>	
◆ 1.	The application area includes a nonagricultural process subject to 30 TAC § 111.151. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2.	The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <i>If the response to Question I.C.2 is "NO," go to Question I.C.4.</i>
3.	All vents from nonagricultural process in the application area are subject to additional monitoring requirements. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



**From:** Sutton, Samuel <ssutton@bellflight.com>  
**Sent:** Wednesday, March 12, 2025 2:50 PM  
**To:** Primavera Trevino  
**Subject:** RE: Working Draft Permit Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Hi Primavera,

The updated OP-CRO1 went in the mail today.

Thank you.

**SAM SUTTON**

Sr. EHS Specialist | Bell  
Principal Environmental Engineer  
Office: +1-817-280-1254  
Mobile: +1-469-724-7523  
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Okay that will work, thank you!

Primavera Treviño  
(512) 239-6209

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ENVIRONMENTAL QUALITY

#### Air Title V Operating Permits

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Please resubmit Form OP-REQ1 (page 2) **through STEERS** with "Yes" marked for Question 1. in Section C.

Please respond by **03/14/2025** and contact me if you have any questions, thank you.

***Primavera Treviño***

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

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**Sent:** Tuesday, March 11, 2025 10:49 AM  
**To:** Primavera Trevino  
**Subject:** RE: Working Draft Permit Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1  
**Attachments:** OP-REQ1 Pg 2 - Updated for Submittal.pdf  
**Importance:** High

Hi Primavera,

I am trying to access the Title V application via STEERS to add the attached form, but I am getting the below error. Can you help me out with the submittal process in STEERS for this single document? Do I need to "Fill Out" a new Title V application for this single form?

Thank you for your help with this.



#### Air Title V Operating Permits

**Do not use web browser back button when filling out application.**

 Submitted applications cannot be edited. Please contact STEERS customer support for more assistance.

Reference Number : 681262

Edit

Pay

Refresh App

Regards,

**SAM SUTTON**

Sr. EHS Specialist | Bell  
Principal Environmental Engineer  
Office: +1-817-280-1254  
Mobile: +1-469-724-7523  
[ssutton@bellflight.com](mailto:ssutton@bellflight.com)

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**From:** Primavera Trevino <Primavera.Trevino@tceq.texas.gov>

**Sent:** Monday, March 10, 2025 3:17 PM

**To:** Sutton, Samuel <ssutton@bellflight.com>

**Subject:** Working Draft Permit Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Good afternoon,

On page 2 of Form OP-REQ1, Section C. Emission Limits on Nonagricultural Processes, Question 1. "The application area includes a nonagricultural process subject to 30 TAC 111.151," was answered "No". This question has been changed to "Yes" in our database because this application is subject to 30 TAC 111.151. This chapter was also included in the previous permit.

Please resubmit Form OP-REQ1 (page 2) **through STEERS** with "Yes" marked for Question 1. in Section C.

Please respond by **03/14/2025** and contact me if you have any questions, thank you.

***Primavera Treviño***

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)

Phone: (512) 239-6209



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survey at [www.tceq.texas.gov/customersurvey](http://www.tceq.texas.gov/customersurvey)

**Texas Commission on Environmental Quality**  
**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1**  
**Federal Operating Permit Program**

Date:	03/11/2025
Permit No.:	O-01631
RN No.:	100222488

*For SOP applications, answer ALL questions unless otherwise directed.*

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

<b>Form OP-REQ1: Page 2</b>		
<b>I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)</b>		
<b>B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots</b>		
1. Items a - d determines applicability of any of these requirements based on geographical location.		
◆	a. The application area is located within the City of El Paso.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	b. The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	c. The application area is located in the portion of Harris County inside the loop formed by Beltway 8.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	d. The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<i>If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO," go to Section I.C.</i>		
2. Items a - d determine the specific applicability of these requirements.		
◆	a. The application area is subject to 30 TAC § 111.143.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	b. The application area is subject to 30 TAC § 111.145.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	c. The application area is subject to 30 TAC § 111.147.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	d. The application area is subject to 30 TAC § 111.149.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>C. Emissions Limits on Nonagricultural Processes</b>		
◆	1. The application area includes a nonagricultural process subject to 30 TAC § 111.151.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	2. The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements. <i>If the response to Question I.C.2 is "NO," go to Question I.C.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	3. All vents from nonagricultural process in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

**From:** Primavera Trevino  
**Sent:** Monday, March 10, 2025 3:17 PM  
**To:** ssutton@bellflight.com  
**Subject:** Working Draft Permit Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Good afternoon,

On page 2 of Form OP-REQ1, Section C. Emission Limits on Nonagricultural Processes, Question 1. "The application area includes a nonagricultural process subject to 30 TAC 111.151," was answered "No". This question has been changed to "Yes" in our database because this application is subject to 30 TAC 111.151. This chapter was also included in the previous permit.

Please resubmit Form OP-REQ1 (page 2) **through STEERS** with "Yes" marked for Question 1. in Section C.

Please respond by **03/14/2025** and contact me if you have any questions, thank you.

***Primavera Treviño***

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)

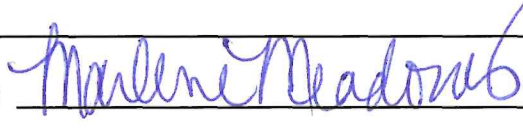
Phone: (512) 239-6209



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**Form OP-CRO1**  
**Certification by Responsible Official**  
**Federal Operating Permit Program**

All initial permit application, revision, renewal, and reopening submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

<b>I. Identifying Information</b>					
RN: 100222488		CN: 600131155		Account No.: TA0054T	
Permit No.: O-01631			Project No.: 37188		
Area Name: Bell Plant 1			Company Name: Bell Textron Inc.		
<b>II. Certification Type</b> <i>(Please mark the appropriate box)</i>					
<input checked="" type="checkbox"/> Responsible Official			<input type="checkbox"/> Duly Authorized Representative		
<b>III. Submittal Type</b> <i>(Please mark the appropriate box) (Only one response can be accepted per form)</i>					
<input type="checkbox"/> SOP/TOP Initial Permit Application		<input type="checkbox"/> Update to Permit Application			
<input type="checkbox"/> GOP Initial Permit Application		<input checked="" type="checkbox"/> Permit Revision, Renewal, or Reopening			
<input type="checkbox"/> Other: _____					
<b>IV. Certification of Truth</b>					
This certification does not extend to information which is designated by the TCEQ as information for reference only.					
I, <u>Marlene Meadows</u> certify that I am the <u>RO</u>					
<i>(Certifier Name printed or typed)</i>			<i>(RO or DAR)</i>		
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:					
<i>Note: Enter Either a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i>					
Time Period: From <u>09/09/2024</u> to <u>02/25/2025</u>					
<i>Start Date</i>			<i>End Date</i>		
Specific Dates: _____					
<i>Date 1</i>		<i>Date 2</i>		<i>Date 3</i>	
<i>Date 4</i>		<i>Date 5</i>		<i>Date 6</i>	
Signature: <u></u>			Signature Date: <u>02/24/2025</u>		
Title: <u>VP Quality &amp; EHS</u>					

**AIR PERMITS DIVISION**

 **FEB 27 2025**  
**REC'D**

**Form OP-PBRSUP - Instructions**  
**Permits By Rule Supplemental Table**  
**Texas Commission on Environmental Quality**

**General:**

The form is used to provide supplemental information for all Permits by Rule (PBRs) that authorize emission units for a site (or area) subject to the requirements of the Federal Operating Permit (FOP) Program. For emission units identified on Form OP-SUM or Form OP-SUMR, the PBR registration number identified in Section A must also be included on Form OP-SUM or Form OP-SUMR.

The Texas Commission on Environmental Quality (TCEQ) regulated entity reference number (RNXXXXXXXXXX), if assigned, and the application area name from Form OP-1 (Site Information Summary) must appear on the header of each page for purposes of identification for the initial submittal. The date of the initial submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). The date on each table should be revised with any updated submittal provided during the review process. Leave the permit number blank only if the initial form submittal accompanies an initial application. If this form is included as part of the permit renewal or revision process, enter the FOP permit number assigned by the TCEQ, the area name from Form OP-1, the date of the renewal or revision submittal, and the regulated entity reference number. The form OP-PBRSUP should be submitted for any PBR authorization updates with each revision and renewal application.

The TCEQ requires that a Core Data Form be submitted on all incoming applications/registrations unless a regulated entity reference number and customer reference number have been issued by the TCEQ and no core data information has changed. If a regulated entity reference number or customer reference number has been issued, then the number must be noted on the request or applicable form. For more information regarding the Core Data Form, call (512) 239-5175 or go to the TCEQ website at: [www.tceq.texas.gov/permitting/central\\_registry/guidance.html](http://www.tceq.texas.gov/permitting/central_registry/guidance.html)

**Specific:**

Permits by Rule (30 TAC Chapter 106) for the Application Area

**Emission units authorized under the following PBRs and any corresponding historical (pre-March 1997) SEs are required to be listed in sections A, B, and D:**

PBR No.	Name or Subject	PBR No.	Name or Subject
106.124	Pilot Plants	106.373	Refrigeration Systems
106.142	Rock Crushers	106.374	Lime Slaking
106.144	Bulk Mineral Handling	106.375	Aqueous Electrolytic
106.145	Bulk Sand Handling	106.376	Decorative Chrome Plating
106.146	Soil Stabilization Plants	106.392	Thermoset Resin
106.147	Asphalt Concrete Plants	106.393	Convey/Storage Plastic/Rubber
106.150	Asphalt Silos	106.395	Plastic/Rubber Mix (No Solvent)
106.181	Used Oil Combustion Units	106.396	Plastic Rubber Mix (Solvent)
106.182	Ceramic Kilns	106.411	Steam or Dry Cleaning Equipment
106.183	Boilers, Heaters, and Other Combustion Units	106.412	Fuel Dispensing
106.221	Extrusion Presses	106.416	Uranium Recovery

PBR No.	Name or Subject	PBR No.	Name or Subject
106.223	Sawmills	106.417	Ethylene Oxide Sterilizers
106.224	Aerospace	106.418	Printing Presses
106.225	Semiconductor	106.419	Photographic Process Equipment
106.226	Coating Manufacturing	106.433	Surface Coat
106.227	Soldering, Brazing, Welding	106.434	Powder Coating Facility
106.231	Wood Products	106.435	Classic or Antique Auto Restoration Facility
106.245	Ethyl Alcohol Facilities	106.436	Auto Body Refinishing
106.261	Facility; Emission Limits	106.452	Dry Abrasive Cleaning
106.262	Facility; Emission/Distance	106.454	Degreasing
106.263	Repairs and Maintenance	106.472	Organic/Inorganic Liquid Loading and Unloading
106.264	Replacements of Facilities	106.473	Organic Liquid Loading and Unloading
106.265	Hand-Held/Manually Operated Machines	106.474	Hydrochloric Acid Storage
106.281	Feed Milling	106.475	Pressure Tank or Vent to Firebox
106.283	Grain Handling	106.476	Pressure Tank or Vent to Control
106.311	Crucible or Pot Furnace	106.477	Anhydrous NH <sub>3</sub> Storage
106.314	Shell Core and Mold Machines	106.478	Storage Tank and Change Service
106.315	Sand or Investment Molds	106.491	Dual Chamber Incinerators
106.320	Miscellaneous Metallic Treatment	106.492	Flares
106.321	Metal Melting and Holding Furnace	106.493	Direct Flame Incinerators
106.322	Furnace to Reclaim Aluminum or Copper	106.494	Pathological Waste Incinerators
106.332	Chlorine Repackaging	106.495	Heat Cleaning Devices
106.351	Salt Water Disposal	106.496	Air Curtain Incinerators
106.352	Oil and Gas Production	106.511	Portable and Emergency Engines and Turbines



PBR No.	Name or Subject	PBR No.	Name or Subject
106.353	Temporary Oil and Gas Facilities	106.512	Stationary Engines and Turbines
106.354	Iron Sponge Gas-Treating Unit	106.513	Natural Gas-Fired Combined Heat and Power Units
106.355	Pipeline Metering, Purging, and Maintenance	106.532	Water/Wastewater Treatment
106.359	Planned Maintenance, Startup, and Shutdown (MSS) at Oil and Gas Handling and Production Facilities	106.533	Water and Soil Remediation
106.371	Cooling Water Units	106.534	Municipal Solid Waste Landfills and Transfer Stations

**A. Registered Permits by Rule (30 TAC Chapter 106) for the Application Area**

This section provides all PBR authorized emission units for the application area that require registration with the TCEQ.

**Unit ID No.:**

Enter the identification number (ID No.) for the emission unit authorized by the registered PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

**Registration No.:**

Enter the registration number provided by TCEQ upon authorization.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Registration Date:**

Enter the date (MM/DD/YYYY) the authorization was issued to the site. This is the date of the PBR authorization letter.

**B. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**

This section provides all PBR authorized emission units for the application area that are claimed (and not registered).

**Unit ID No.:**

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Version No./Date:**

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

**C. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area**

This section provides all PBR authorizations for the application area that are not identified in the table above and are considered insignificant sources.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Version No./Date:**

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

**D. Monitoring Requirements for registered and claimed PBRs for the Application Area**

This section provides the monitoring and/or record keeping requirements sufficient to demonstrate compliance for the registered and claimed PBRs identified in sections A and B.

**Unit ID No.:**

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Version No./Date:**

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

**Monitoring Requirement:**

Provide the monitoring and/or record keeping requirements used to demonstrate compliance with the applicable PBR conditions, general requirements of 30 TAC §106.4 or general requirements (if any) in effect at the time of the claim, and any certified registration of emission limits as applicable for the emission units. The specificity of the monitoring and/or recordkeeping requirements is required to be consistent with the [Periodic Monitoring Guidance](#) and include the following:

- Identify one or more indicators of emission control performance for the control device, or the parameter to be monitored if a control device is not utilized. Indicators may include, but are not limited to, direct or predicted emissions (including visible emissions or opacity), control device parameters, process parameters which are correlated to an emission rate through performance testing or AP-42 emission factors, or recorded finding of inspection and maintenance activities conducted by the owner or operator.
- Identify the frequency of conducting the monitoring. The monitoring frequencies should be consistent with the minimum monitoring frequency found in the applicable PM guidance document. For example, control device parameters may be monitored once per week.
- If applicable, identify the period over which discrete data points will be averaged.

**Permit By Rule Supplemental Table (Page 1)**  
**Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

Unit ID No.	Registration No.	PBR No.	Registration Date
27PB3	167705	106.433	3/2/2022
27PB4	167705	106.433	3/2/2022
27OVEN3	167705	106.183	3/2/2022
27OVEN4	167705	106.183	3/2/2022

**Permit By Rule Supplemental Table (Page 2)**  
**Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

Unit ID No.	PBR No.	Version No./Date
Hand Operated Drills, Grinders, CNC, Mills, Sanders Etc.	106.265	9/4/2000
Hand Brazing & Soldering Equipment	106.227	9/4/2000
Dry Abrasive Blasting: Aluminum Oxide	106.452	9/4/2000
Dry Abrasive Blasting: Garnet	106.452	9/4/2000
Dry Abrasive Blasting: Steel Shot	106.452	9/4/2000
Dry Abrasive Blasting: Soda	106.452	9/4/2000
Dry Abrasive Blasting: Dry Ice	106.452	9/4/2000
CD B2-1	106.454	11/1/2001
CD B27-1	106.454	11/1/2001
CD B5-1	106.454	11/1/2001

**Permit By Rule Supplemental Table (Page 3)**  
**Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

PBR No.	Version No./Date
SE5	5/5/1976
SE7	4/4/1975
SE7	1/8/1980
SE7	11/25/1985
SE7	11/5/1986
SE8	4/4/1975
SE8	1/8/1980
SE8	9/23/1982
SE8	8/30/1988
SE15	9/17/1973

**Permit By Rule Supplemental Table (Page 4)**  
**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
Hand Operated Drills, Grinders, CNC, Mills, Sanders Etc.	106.265	9/4/2000	30 TAC 106.4/106.8; monitored for opacity quarterly
Hand Brazing & Soldering Equipment	106.227	9/4/2000	30 TAC 106.4/106.8; monitored for opacity quarterly
Dry Abrasive Blasting: Aluminum Oxide	106.452	9/4/2000	30 TAC 106.4/106.8; monitored for Opacity Quarterly
Dry Abrasive Blasting: Garnet	106.452	9/4/2000	30 TAC 106.4/106.8; monitored for Opacity Quarterly
Dry Abrasive Blasting: Steel Shot	106.452	9/4/2000	30 TAC 106.4/106.8; monitored for Opacity Quarterly
Dry Abrasive Blasting: Soda	106.452	9/4/2000	30 TAC 106.4/106.8; monitored for Opacity Quarterly
Dry Abrasive Blasting: Dry Ice	106.452	9/4/2000	30 TAC 106.4/106.8; monitored for Opacity Quarterly
CD B2-1	106.454	11/1/2001	30 TAC 106.4/106.8; . quarterly inspection per Title V requirements; meets 106.454 operating requirements
CD B27-1	106.454	11/1/2001	30 TAC 106.4/106.8; . quarterly inspection per Title V requirements; meets 106.454 operating requirements
CD B5-1	106.454	11/1/2001	30 TAC 106.4/106.8; . quarterly inspection per Title V requirements; meets 106.454 operating requirements

**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 - Instructions  
Texas Commission on Environmental Quality**

Owners or operators of a site required to obtain a federal operating permit (FOP), in accordance with Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), must complete and submit an FOP application to the Texas Commission on Environmental Quality (TCEQ), Office of Air, Air Permits Division (APD), and a copy must be submitted to the appropriate TCEQ regional office, and the United States Environmental Protection Agency (EPA) – Region 6 Office. There are three types of FOPs, and they are as follows: site operating permit (SOP), temporary operating permit (TOP), and general operating permit (GOP). Information on these permit types can be found on the TCEQ website at [www.tceq.texas.gov/permitting/air/titlev/permit\\_types.html](http://www.tceq.texas.gov/permitting/air/titlev/permit_types.html).

**For submissions to EPA:**

EPA Region 6 office has requested that all applications, including any updates, submitted to EPA be provided in electronic format via email to [R6AirPermitsTX@epa.gov](mailto:R6AirPermitsTX@epa.gov). Microsoft Word for text, Excel for spreadsheets, and a searchable Adobe Acrobat (pdf) file are the preferred formats. Do not submit any compressed or zip files, or files with an “exe” extension. Do not submit any individual files larger than 10 megabytes via email, and the total size of all attachments cannot exceed 25 megabytes per email. EPA will accept larger files via FTP transfer. Send an email to [wilson.aimee@epa.gov](mailto:wilson.aimee@epa.gov) to request an FTP link for submittals. Submit confidential information as a separate file and clearly label it with “confidential” or “CBI” in the filename. Identify the associated permit number when submitting information. No hard copies of the information contained in the application should be submitted to EPA.

Please contact Ms. Aimee Wilson ([wilson.aimee@epa.gov](mailto:wilson.aimee@epa.gov)) at (214) 665-7596 if you have any questions pertaining to electronic submittals.

**General:**

The purpose of this form is to provide general information regarding the company, site, and area for which an FOP application is being submitted. **This form is required for all initial and renewal FOP applications.** This form is only required for FOP revision applications if the information on this form has changed. FOP revision and renewal applications must include Form OP-2 (Application for Permit Revision/Renewal), at a minimum.

Note: For a change of company name or ownership only, submit TCEQ Form Number 20405. Form OP-1 is not required.

For initial FOP issuance only, an abbreviated application (at a minimum) must be submitted in accordance with 30 TAC § 122.130. An abbreviated application consists of Form OP-1 (Site Information Summary), Form OP-CRO1 (Certification by Responsible Official), and a TCEQ Core Data Form. In accordance with 30 TAC § 122.130, the executive director will inform the applicant in writing of the deadline for submitting the remaining application information (full application).

Information regarding SOP application requirements can be found on TCEQ's Air Site Operating Permit Guidance webpage located at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_site\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_site_guidance.html). Information regarding GOP application requirements can be found on TCEQ's Air General Operating Permit Guidance webpage located at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_gop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_gop_guidance.html).

Submitting a timely and complete application, as defined in 30 TAC §§ 122.133 and 122.134, is critical and allows the applicant to receive the benefit of an application shield, as defined in 30 TAC § 122.138. The application shield serves as authorization to operate the site until final action is taken on the application. **Failure to supply any information requested by the TCEQ, pursuant to the application review, may result in the loss of the application shield.**

The responses to most data elements in Form OP-1 are limited in some way. **Responses not made according to the instructions may result in delays in this or other permitting actions.**

- 1) Some responses have a character limit. (Example: "Company Name," maximum 50 characters.) The responses may consist of characters, digits, or a combination of the two. When appropriate, common abbreviations can be used to fit a response into the space allotted.
- 2) Some responses are limited to "YES" or "NO" and in some cases "N/A" for "not applicable." Applicants must select one of these options. "N/A" is an acceptable response only when it is stated in the instructions for the question.
- 3) Some responses must be in a specific format. (Examples: Dates, MM/DD/YYYY; Latitude/Longitude, DDD:MM:SS.)
- 4) Some responses are limited to a set of mutually exclusive response options, and selections are recorded by placing an "X" in the box next to the appropriate response. (Example: "Permit Type.")

The TCEQ requires that a Core Data Form be submitted with all incoming permit applications unless a Regulated Entity and Customer Reference Number have been issued by the TCEQ and no core data information has changed. For more information regarding the Core Data Form, call (512) 239-5175 or go to the TCEQ website at:

[www.tceq.texas.gov/permitting/central\\_registry/guidance.html](http://www.tceq.texas.gov/permitting/central_registry/guidance.html).

Page 1:

**Specific:**

## **I. Company Identifying Information**

### **A. Company Name:**

Enter the name of the company for which the application is being submitted (maximum 50 characters). The company name should be the name used to incorporate, for which a franchise tax identification number has been issued. If a franchise tax identification number has not been issued, then enter the most identifying name for the company. The company name on this form and the TCEQ Core Data Form should match.

### **B. Customer Reference Number (CN):**

Enter the customer reference number (CNXXXXXXXXX). This number is issued by the TCEQ as part of the central registry process. If a customer reference number has not yet been issued, leave this space blank. Do not enter permit numbers, project numbers, account numbers, etc., in this space.

### **C. Submittal Date:**

Enter the date the application is being submitted by the applicant to the TCEQ (MM/DD/YYYY).

## **II. Site Information**

### **A. Site Name:**

Enter the name of the site for which the application is being submitted (maximum 50 characters). The Site Name on this form and the Regulated Entity Name listed in Section III of the TCEQ Core Data Form should match.

### **B. Regulated Entity Reference Number (RN):**

Enter the regulated entity reference number for the site (RNXXXXXXXXX). This number is issued by the TCEQ as part of the central registry process. If a regulated entity reference number has not yet been issued, leave this space blank. Do not enter permit numbers, project numbers, account numbers, etc., in this space.



C. **Indicate Affected State(s) Required to Review Permit Application:**

As stated in 30 TAC § 122.330(b), an affected state may be Arkansas (AR), Colorado (CO), Kansas (KS), Louisiana (LA), New Mexico (NM), or Oklahoma (OK), if the state's air quality may be affected by the issuance or denial of a federal operating permit, revision, or renewal; or that state is within **50 miles** of the site.

Place an "X" in the space to the left of the affected state(s) that is applicable. Place an "X" to the left of "N/A" if the affected state review is not applicable.

GOP applications do not require affected state review. Therefore, all GOP applicants should place an "X" to the left of "N/A."

D. **Indicate all pollutants for which the site is a major source based on the site's potential to emit:**

Place an "X" in the box to the left of the pollutant for all the pollutants for which the site is classified as a major source, as defined in 30 TAC § 122.10, based on the site's potential to emit. Otherwise, leave the box blank.

The row "Other" is provided for the listing of non-criteria regulated air pollutants for which a site is a major source. (Example: chlorinated compounds, inorganic acids) List the pollutant name in the space provided (maximum 20 characters). If there are none, leave this space blank.

Further information regarding the potential to emit can be found in the Potential to Emit Guidance, which is located on the TCEQ website at

[www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

E. **Is the Site a Non-Major Source Subject to the Federal Operating Permit Program?**

Place an "X" in the box for "YES" if the site is a non-major source (or area source) subject to the Federal Operating Permit Program. Otherwise, place an "X" in the box for "NO." (Note that if the response to this question is "YES," then the responses to question II.D above should all be "NO.")

F. **Is the Site Within a Local Program Area Jurisdiction?**

Place an "X" in the box for "YES" if the site is located within the jurisdiction of a local air pollution control program. Otherwise, place an "X" in the box for "NO."

A list of local air pollution control programs is located on the TCEQ website at

[www.tceq.texas.gov/permitting/air/local\\_programs.html](http://www.tceq.texas.gov/permitting/air/local_programs.html).

G. **Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63?**

Place an "X" in the box for "YES" if emissions averaging will be used by an affected source at the site to comply with any Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63) requirement, relating to National Emission Standards for Hazardous Air Pollutants for Source Categories that has been promulgated at the time of application submittal. Otherwise, place an "X" in the box for "NO."

Emissions averaging, as defined in 40 CFR § 63.2, is a way to comply with the emission limitations specified in a relevant standard, whereby an affected source, if allowed under a subpart of this part, may create emission credits by reducing emissions from specific points to a level below that required by the relevant standard, and those credits are used to offset emissions from points that are not controlled to the level required by the relevant standard.

H. **Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:** If emissions averaging will be used by an affected source at the site to comply with any 40 CFR Part 63 Subpart, enter the subpart(s) designation (*Example: N, P, CC, KK*) in the space provided. If emissions averaging will not be used, leave this space blank.

### III. Permit Type:

#### A. Type of Permit Requested:

Indicate the type of permit for which this application is being submitted by placing an “X” in the space to the left of the selection (SOP, TOP, or GOP). Select only one response.

Information on the different permit types can be found on the TCEQ website at [www.tceq.texas.gov/permitting/air/titlev/permit\\_types.html](http://www.tceq.texas.gov/permitting/air/titlev/permit_types.html).

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### IV. Initial Application Information *(Complete for Initial Issuance Applications only.)*

#### A. Is this submittal an Abbreviated or Full Application?

Indicate the type of application (“Abbreviated” or “Full”) by placing an “X” in the space to the left of the selection.

Abbreviated applications must be submitted in accordance with 30 TAC § 122.130. An abbreviated application only includes Form OP-1, Form OP-CRO1 (Certification by Responsible Official), and the TCEQ Core Data Form. If the submitted application is not an abbreviated application, select “Full.”

#### B. If this is a Full Application, is this submittal a follow-up to an Abbreviated Application?

Place an “X” in the box for “YES” if this submittal is a full application, which is being submitted in response to a request for follow-up information regarding an abbreviated application that was submitted earlier. If this submittal is a full application (Application Type = “Full”) *and no abbreviated application was submitted earlier*, place an “X” in the box for “NO.” If this submittal is an abbreviated application (Application Type = “Abbreviated”), leave this space blank.

#### C. If this is an Abbreviated Application, is this an early submittal for a combined SOP and Acid Rain permit?

Place an “X” in the box for “YES” if this submittal is an early submittal for a combined SOP and Acid Rain permit. Place an “X” in the box for “NO” if this submittal is not an early submittal for a combined SOP and Acid Rain permit. If this submittal is a full application (Application Type = “Full”), leave this space blank.

#### D. Has an electronic copy of this application been submitted (or is being submitted) to EPA at [R6AirPermitsTX@epa.gov](mailto:R6AirPermitsTX@epa.gov)?

Place an “X” in the box for “YES” if an electronic copy of this application has been submitted (or is being submitted) to EPA. If not, place an “X” “NO.” (See “For submissions to EPA” above for additional information.)

#### E. Has the required Public Involvement Plan been included with this application? Place an “X” in the box for “YES” if this submittal contains a Public Involvement Plan. Place an “X” in the box for “NO” if this submittal does not contain a Public Involvement Plan. (For more information see Public Involvement Plan (PIP) Form for Certain NSR and Title V Air Permit Applications on the TCEQ website at [www.tceq.texas.gov/permitting/air/air\\_permits.html](http://www.tceq.texas.gov/permitting/air/air_permits.html).)

### V. Confidential Information

#### A. Is confidential information submitted in conjunction with this application?

Place an “X” in the box for “YES” if any confidential information is being submitted in conjunction with this application. Otherwise, place an “X” in the box for “NO.” All confidential information must be submitted according to the TCEQ guidance located at

[www.tceq.texas.gov/permitting/air/titlev/apps\\_timelines.html#confidential](http://www.tceq.texas.gov/permitting/air/titlev/apps_timelines.html#confidential).

**VI. Responsible Official (RO) Identifying Information**

The RO must be listed in this section even if the duties will be delegated to a Duly Authorized Representative (DAR). The DAR information should be provided on the Form OP-DEL (Delegation of Responsible Official). Additional information on Responsible Official and Certification can be found on the TCEQ website at [www.tceq.texas.gov/permitting/air/titlev/ro\\_and\\_certs.html](http://www.tceq.texas.gov/permitting/air/titlev/ro_and_certs.html).

*Note: For a change of RO and RO information, Form OP-CRO2 (Change of Responsible Official) must be submitted to the TCEQ.*

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name and title of the RO pursuant to 30 TAC § 122.132(e) and 30 TAC § 122.165 (Last Name, First Name, MI; maximum 25 characters).

Enter the name of the company, firm, etc. that employs the RO (maximum 50 characters). The company or firm name should be the name used to incorporate, for which a franchise tax identification number has been issued. If a franchise tax identification number has not been issued, then enter the most identifying name for the company or firm. Enter the mailing address, including city, state, ZIP Code. If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and ZIP Code. Enter an internal mail code, telephone number, fax number, and email address of the RO listed.

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**VII. Technical Contact Identifying Information** *(Complete if different from RO information.)*

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name and title of the technical contact for this application, if different from the RO (Last Name, First Name, MI; maximum 25 characters). Enter the name of the company, firm, etc. that employs the technical contact (maximum 50 characters). The company or firm name should be the name used to incorporate, for which a franchise tax identification number has been issued. If a franchise tax identification number has not been issued, then enter the most identifying name for the company or firm. Enter the mailing address, including city, state, ZIP Code. If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and ZIP Code. Enter an internal mail code, telephone number, fax number, and email address of the technical contact listed.

**VIII. Reference Only Requirements** *(For reference only.)*

*Certification by the RO pursuant to 30 TAC § 122.165 does not extend to information which is designated on forms as "For reference only."*

**A. State Senator:**

Enter the name of the state senator representing the area in which the site is located (maximum 25 characters).

TCEQ will send notification of the receipt of a permit application to the state senator for the area in which the site is located. State senator information may be obtained by contacting the State Senate at (512) 463-0100 or the Legislative Reference Library at (512) 463-1252. Information may also be obtained via the Texas Senate Internet site at [www.legis.state.tx.us/](http://www.legis.state.tx.us/).

**B. State Representative:**

Enter the name of the state representative representing the area in which the site is located (maximum 25 characters).

TCEQ will send notification of the receipt of a permit application to the state representative for the area in which the site is located. State representative information may be obtained by contacting the House of Representatives at (512) 463-4630 or the Legislative Reference Library at (512) 463-1252. Information may also be obtained via the House of Representatives Internet site at [www.legis.state.tx.us/](http://www.legis.state.tx.us/).

**C. Has the applicant paid emissions fees for the most recent agency fiscal year?**

Place an "X" in the box for "YES" if the applicant has paid all emissions fees, or inspection fees, if applicable, due during the most recent agency fiscal year (September 1 - August 31). Otherwise, place an "X" in the box for "NO." If the applicant is not required to pay emissions fees, place an "X" in the box for "N/A."

If the answer to VIII.C. is "NO" or "NA," the applicant is required to contact the Industrial Emissions Assessment Section at (512) 239-1459. For further information regarding inspection fees and emission fees, please refer to 30 TAC §§ 101.24 and 101.27.

**D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?**

Place an "X" in the box for "YES" if the site is subject to the bilingual notice requirements pursuant to 30 TAC § 122.322. Otherwise, place an "X" in the box for "NO."

The requirements of 30 TAC § 122.322 are applicable when either the elementary school or the middle school located nearest to the facility, or proposed facility, provides a bilingual education program, as required by Texas Education Code § 29.053 and 19 TAC § 89.1205(a) (relating to Required Bilingual Education and English as a Second Language Programs), or if either school has waived out of such a required bilingual education program under the provisions of 19 TAC § 89.1205(g). Schools not governed by the provisions of 19 TAC § 89.1205 should not be considered when determining the applicability of 30 TAC § 122.322 requirements.

Elementary or middle schools that offer English as a second language under 19 TAC § 89.1205(d) and are otherwise not affected by 19 TAC § 89.1205(a), will not trigger the requirements of 30 TAC § 122.322(a).

**E. Indicate the alternate language(s) in which public notice is required:**

If the answer to the previous question is "YES," enter the alternate language(s) for which public notice is required in the space provided.

Please use a separate page to indicate the alternate languages if additional space is required. If the answer to the previous question is "NO," enter "NONE."

Examples:

D.	Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
E.	Indicate the alternate language(s) in which public notice is required:	Spanish, Vietnamese, German

D.	Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E.	Indicate the alternate language(s) in which public notice is required:	None

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**IX. Off-Site Permit Request (Optional)**

*Complete this section only if the applicant wishes to maintain the FOP and records at a location other than the site designated in the "Site Information" section of this form.*

**A. Office/Facility Name:**

Enter the name of the office or facility where the FOP and records are to be held (maximum 50 characters).

**B. Physical Address:** Enter the physical address of the office or facility, including city, state, and ZIP Code

(physical address - maximum 50 characters and city - maximum 25 characters). If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and ZIP Code. The physical address cannot be a Post Office Box.

C. **Physical Location:**

If a physical address does not exist, provide a description of the physical location of the office or facility where the permit is to be held (maximum 250 characters). (*Example: Highway 100, 2 miles west of County Road 12.*) Leave Physical Location blank if there is a Physical Address.

D. **Contact Name:**

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name of a contact person at the office or facility where the FOP and records are to be held (maximum 50 characters).

E. **Telephone:**

Enter the contact person's telephone number with the area code.

**X. Application Area Information**

*This section pertains to the application area. If only one application is being submitted (or was submitted) for the entire site, then the following information relates to the site as a whole.*

A. **Area Name:**

Enter the name of the application area (maximum 50 characters). If more than one permit is proposed for the site, the area name should be descriptive enough to provide a clear distinction of the portion of the site covered under this application. (*Examples: "Tank Battery #1," "North Loading Area".*) If there is only one permit proposed for the site, the area name must be the same as the site name in the "Site Information" section of this form. Note that the area may refer to a subset of units at the site to be covered by an application; it need not refer to a distinct physical area. This name will eventually be used as the name for the permit.

B. **Physical Address:**

Enter the physical address of the application area, including city, state, and ZIP Code (physical address - maximum 50 characters and city - maximum 25 characters). If there is a Physical Address, **skip** X.C-F below.

C. **Physical Location:**

If a physical address does not exist, provide a description of the physical location of the application area (maximum 250 characters). (*Example: Highway 100, 2 miles west of County Road 12.*)

D. **Nearest City:**

Enter the name of the city or municipality nearest to the application area, or in which the application area is located (maximum 25 characters).

E. **State:**

Enter the state in which the nearest city is located.

F. **ZIP Code:**

Enter the ZIP Code of the application area. (*This is used for location purposes and must be provided even if the facility does not receive mail delivery.*)



Page 5**G. Latitude:**

Enter the latitude coordinate for the application area (*DDD:MM:SS*). Latitude indicates the angular distance (in degrees) of a location north of the equator and will always be between 25 and 37 degrees in Texas. Coordinates of the area must be shown to the nearest second and can be obtained from most city engineers, U.S. Geological Survey (USGS) maps, or from county maps prepared by the Texas Department of Transportation (TxDOT).

**H. Longitude:**

Enter the longitude coordinate for the application area (*DDD:MM:SS*). Longitude indicates the angular distance (in degrees) of a location west of the prime meridian and will always be between 93 and 107 degrees in Texas. Coordinates of the area must be shown to the nearest second and can be obtained from most city engineers, USGS maps, or county maps prepared by the TxDOT.

**I. Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal?**

Place an "X" in the box for "YES" if there are one or more emission units in the application area that are out of compliance. "Out of compliance" means a situation in which an emission unit or an operating condition *may* not be in compliance with one or more applicable requirements. Information on these units will be forwarded to the appropriate regional office. Title 30 TAC Chapter 122 requires that a description of the compliance status for all emission units be provided in a full application. Additional compliance information for full applications is provided on Form OP-ACPS (Application Compliance Plan and Schedule). If all emission units in the application area are believed to be in compliance, place an "X" in the box for "NO."

**J. Estimated number of emission units in the application area:**

Enter an estimated number of emission units in the application area with potentially applicable requirements. Do not include emission units that will only be addressed on Form OP-REQ1 (Application Area-wide Applicability Determinations and General Information).

**K. Are there any emission units in the application area subject to the Acid Rain Program?**

Place an "X" in the box for "YES" if any emission units in the application area are subject to the Acid Rain Program (ARP), including the Opt-in Program. Otherwise, place an "X" in the box for "NO."

*If the response to this question is "YES," submit the appropriate forms for an acid rain permit, if not already submitted. Applications for acid rain permits for opt-in sources to the ARP shall be submitted in accordance with 40 CFR Part 74.*

The Opt-in Program allows stationary combustion sources not required to participate in the ARP the opportunity to enter the program on a voluntary basis, reduce their sulfur dioxide (SO<sub>2</sub>) emissions, and receive their own acid rain allowances. Combustion sources are defined as fossil fuel-fired boilers, turbines, or internal combustion engines. An opt-in source must comply with the same or similar provisions as utility units affected under the mandatory ARP. These provisions relate to allowance trading, permitting, excess emissions, monitoring, end-of-year compliance, and enforcement. Most basic to the program is the requirement that each year the opt-in source must hold enough allowances to cover its annual SO<sub>2</sub> emissions. For additional information, please refer to 40 CFR Part 74.

**XI. Public Notice**

*Complete this section for SOP Applications (initial, renewal, and significant revision) and Acid Rain Permit Applications only.*

**A. Name of a public place to view application and draft permit:**

Enter the name of the public place where the application and draft permit will be available for review and copying by the public throughout the public notice period.

The public place must be publicly owned or operated, such as a library, courthouse, or city hall, and must be located in the same county as the site. The TCEQ Regional Office may be used as a public place if it is located in the same county as the site.

**B. Physical Address:**

Enter the public place physical address, including city and ZIP Code (physical address - maximum 50 characters and city - maximum 25 characters).

**C. Contact Person:**

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name of the contact person who will answer questions from the public during the Public Notice Period (Last Name, First Name, MI; maximum 25 characters). This information will be published in the newspaper notice.

Enter the mailing address, including city, state, ZIP Code (address - maximum 50 characters; city - maximum 25 characters). If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and ZIP Code. Enter the internal mail code that is part of the mailing address of the contact person, if applicable (maximum 10 characters). Enter the contact person's telephone number with the area code. This information will be published in the newspaper notice.

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**XII. Delinquent Fees and Penalties**

*Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol." For more information regarding Delinquent Fees and Penalties, go to the TCEQ website at [www.tceq.texas.gov/agency/fees/delin/index.html](http://www.tceq.texas.gov/agency/fees/delin/index.html).*

**Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.**

**XIII. Designated Representative (DR) Identifying Information**

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name and title of the DR pursuant to 30 TAC § 122.165 (Last Name, First Name, MI; maximum 25 characters). Enter the name of the company, firm, etc. that employs the DR (maximum 50 characters). The company or firm name should be the name used to incorporate, for which a franchise tax identification number has been issued. If a franchise tax identification number has not been issued, then enter the most identifying name for the company or firm. Enter the mailing address, including city, state, ZIP Code. If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and ZIP Code. Enter an internal mail code, telephone number, fax number, and email address of the DR listed.

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**XIV. Alternate Designated Representative (ADR) Identifying Information**

If there is no ADR, leave this section blank.

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name and title of the ADR pursuant to 30 TAC § 122.165 (Last Name, First Name, MI; maximum 25 characters). Enter the name of the company, firm, etc. that employs the ADR (maximum 50 characters). The company or firm name should be the name used to incorporate, for which a franchise tax identification number has been issued. If a franchise tax identification number has not been issued, then enter the most identifying name for the company or firm. Enter the mailing address, including city, state, ZIP Code. If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and ZIP Code. Enter an internal mail code, telephone number, fax number, and email address of the ADR listed.



**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 (Page 1)  
Texas Commission on Environmental Quality**

Please print or type all information. Direct any questions regarding this application form to the Air Permits Division at (512) 239-1250 or to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division (MC 163), P.O. Box 13087, Austin, Texas 78711-3087.

<b>I. Company Identifying Information</b>
<b>A.</b> Company Name: Bell Textron Inc.
<b>B.</b> Customer Reference Number (CN): CN 600131155
<b>C.</b> Submittal Date (mm/dd/yyyy): 9/9/2024
<b>II. Site Information</b>
<b>A.</b> Site Name: Bell Textron Plant 1
<b>B.</b> Regulated Entity Reference Number (RN): RN TA0054T
<b>C.</b> Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A
<b>D.</b> Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>
<input checked="" type="checkbox"/> VOC <input type="checkbox"/> NO <sub>x</sub> <input type="checkbox"/> SO <sub>2</sub> <input type="checkbox"/> PM <sub>10</sub> <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> HAPS
Other:
<b>E.</b> Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>F.</b> Is the site within a local program area jurisdiction? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>G.</b> Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>H.</b> Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: N/A
<b>III. Permit Type</b>
<b>A.</b> Type of Permit Requested: <i>(Select only one response)</i>
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)

**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 (Page 2)  
Texas Commission on Environmental Quality**

<b>IV. Initial Application Information</b> <i>(Complete for Initial Issuance Applications Only.)</i>
<b>A.</b> Is this submittal an abbreviated or a full application? <span style="float: right;"><input type="checkbox"/> Abbreviated <input type="checkbox"/> Full</span>
<b>B.</b> If this is a full application, is the submittal a follow-up to an abbreviated application? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
<b>C.</b> If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
<b>D.</b> Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
<b>E.</b> Has the required Public Involvement Plan been included with this application? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
<b>V. Confidential Information</b>
<b>A.</b> Is confidential information submitted in conjunction with this application? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
<b>VI. Responsible Official (RO) Identifying Information</b>
RO Name Prefix: ( <input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
RO Full Name: Marlene Meadows
RO Title: VP Quality & EHS
Employer Name: Bell Textron Inc.
Mailing Address: 3255 Bell Flight Blvd.
City: Ft. Worth
State: Texas
ZIP Code: 76118
Territory: N/A
Country: USA
Foreign Postal Code: N/A
Internal Mail Code: 1809
Telephone No.: (817) 280-2349
Fax No.: 817-278-2349
Email: mmeadows@bellflight.com

**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 (Page 3)  
Texas Commission on Environmental Quality**

<b>VII. Technical Contact Identifying Information</b> <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: Sam Sutton
Technical Contact Title: Sr. EHS Specialist
Employer Name: Bell Textron Inc.
Mailing Address: 3255 Bell Flight Blvd.
City: Ft. Worth
State: Texas
ZIP Code: 76118
Territory: N/A
Country: USA
Foreign Postal Code: N/A
Internal Mail Code: 1809
Telephone No.: (817) 280-1254
Fax No.: (817) 278-1254
Email: ssutton@bellflight.com
<b>VIII. Reference Only Requirements</b> <i>(For reference only.)</i>
A. State Senator: Kelly Hancock
B. State Representative: Tony Tinderholt
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</span>
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>
E. Indicate the alternate language(s) in which public notice is required: Spanish

**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 (Page 4)  
Texas Commission on Environmental Quality**

<b>IX. Off-Site Permit Request</b> <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
<b>A.</b> Office/Facility Name: N/A
<b>B.</b> Physical Address: N/A
City: N/A
State: N/A
ZIP Code:
Territory: N/A
Country: N/A
Foreign Postal Code: N/A
<b>C.</b> Physical Location: N/A
<b>D.</b> Contact Name Prefix: ( <input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name: N/A
<b>E.</b> Telephone No.:
<b>X. Application Area Information</b>
<b>A.</b> Area Name: Bell Textron Plant 1
<b>B.</b> Physical Address: 3255 Bell Flight Blvd.
City: Ft. Worth
State: Texas
ZIP Code: 76118
<b>C.</b> Physical Location: See Physical Address
<b>D.</b> Nearest City: Hurst
<b>E.</b> State: Texas
<b>F.</b> ZIP Code: 76118

**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 (Page 5)  
Texas Commission on Environmental Quality**

<b>X. Application Area Information (continued)</b>
<b>G.</b> Latitude (nearest second): 32 48 23
<b>H.</b> Longitude (nearest second): 97 09 36
<b>I.</b> Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
<b>J.</b> Indicate the estimated number of emission units in the application area: 80
<b>K.</b> Are there any emission units in the application area subject to the Acid Rain Program? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
<b>XI. Public Notice</b> (Complete this section for SOP Applications and Acid Rain Permit Applications only.)
<b>A.</b> Name of a public place to view application and draft permit: TCEQ Region IV Office
<b>B.</b> Physical Address: 2309 Gravel Dr
City: Ft. Worth
ZIP Code: 76118
<b>C.</b> Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
Contact Person Full Name: Sam Sutton
Contact Mailing Address: 3255 Bell Flight Blvd.
City: Ft. Worth
State: Texas
ZIP Code: 76118
Territory: N/A
Country: USA
Foreign Postal Code: N/A
Internal Mail Code: 1809
Telephone No.: 817-280-1254

**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 (Page 6)  
Texas Commission on Environmental Quality**

**XII. Delinquent Fees and Penalties**

**Notice:** This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol."

**Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.**

**XIII. Designated Representative (DR) Identifying Information**

DR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)

DR Full Name:

DR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 (Page 7)  
Texas Commission on Environmental Quality**

**Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.**

**XIV. Alternate Designated Representative (ADR) Identifying Information**

ADR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)

ADR Full Name:

ADR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

**From:** Sutton, Samuel <ssutton@bellflight.com>  
**Sent:** Tuesday, February 25, 2025 7:23 AM  
**To:** Primavera Trevino  
**Cc:** Rhyan Stone  
**Subject:** RE: Working Draft Permit Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Hi Primavera,

The OP-CRO1 will go in the mail today.

Thank you.

**SAM SUTTON**

Sr. EHS Specialist | Bell  
Principal Environmental Engineer  
Office: +1-817-280-1254  
Mobile: +1-469-724-7523  
[ssutton@bellflight.com](mailto:ssutton@bellflight.com)  
Follow Us @bellflight



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**Sent:** Monday, February 24, 2025 3:36 PM  
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**Please review the WDP and submit to me any comments you have regarding it by 02/25/2025.** Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP. Note that any application updates necessary to make requested changes must accompany the WDP comments.

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Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)

Phone: (512) 239-6209



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**Attachments:** OP-1 Updated.pdf; OP-PBRSUP Updated.docx; Working Draft Permit O1631 - 2-11-2025.docx; OP-CRO1 2-24-25.pdf  
  
**Importance:** High

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Principal Environmental Engineer  
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Phone: (512) 239-6209



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# FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO  
Bell Textron Inc.

AUTHORIZING THE OPERATION OF  
Bell Textron Plant 1  
Aircraft Manufacturing

LOCATED AT  
Tarrant County, Texas  
Latitude 32° 48' 23" Longitude 97° 9' 36"  
Regulated Entity Number: RN100222488

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No:     O1631     Issuance Date: \_\_\_\_\_

\_\_\_\_\_  
For the Commission

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## **General Terms and Conditions**

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

## **Special Terms and Conditions:**

### **Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting**

1. Permit holder shall comply with the following requirements:
  - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
  - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
  - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
  - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
  - E. Emission units subject to 40 CFR Part 63, Subparts GG, ZZZZ and DDDDD as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter

113, Subchapter C, §§ 113.380, 113.1090 and 113.1130 respectively which incorporate the 40 CFR Part 63 Subpart by reference.

F.

2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):

- A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
- B. Title 30 TAC § 101.3 (relating to Circumvention)
- C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
- D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
- E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
- F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
- G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
- H. Title 30 TAC § 101.221 (relating to Operational Requirements)
- I. Title 30 TAC § 101.222 (relating to Demonstrations)
- J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)

3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:

- A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
  - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
  - (ii) Title 30 TAC § 111.111(a)(1)(E)
  - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
  - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO<sub>x</sub>, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive

ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

- (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
- (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
- (3) Records of all observations shall be maintained.
- (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (5) Compliance Certification:
  - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
  - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity

requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)
- (iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO<sub>x</sub>, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
  - (1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.
  - (2) Records of all observations shall be maintained.
  - (3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to



condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).
- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- 4. For storage vessels maintaining working pressure as specified in 30 TAC Chapter 115, Subchapter B, Division 1: Storage of Volatile Organic Compounds, the permit holder shall comply with the requirements of 30 TAC § 115.112(e)(1).
- 5. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter C requirements:
  - A. When filling stationary gasoline storage vessels (Stage I) for motor vehicle fuel dispensing facilities, constructed prior to November 15, 1992, with transfers to stationary storage tanks located at a facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:
    - (i) Title 30 TAC § 115.222(3) (relating to Control Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors
    - (ii) Title 30 TAC § 115.222(6) (relating to Control Requirements)
    - (iii) Title 30 TAC § 115.224(1) (relating to Inspection Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors
    - (iv) Title 30 TAC § 115.226(2)(B) (relating to Recordkeeping Requirements)
- 6. The permit holder shall comply with the following requirements of 30 TAC Chapter 117:
  - A. For stationary reciprocating engines exempt from Subchapter D, Division 2 at minor sources of NO<sub>x</sub> under 30 TAC § 117.2103, the permit holder shall comply with 30 TAC §§ 117.2130(c), 117.2135(e), and 117.2145(b) and (c).

7. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
  - A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
  - B. Title 40 CFR § 60.8 (relating to Performance Tests)
  - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
  - D. Title 40 CFR § 60.12 (relating to Circumvention)
  - E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
  - F. Title 40 CFR § 60.14 (relating to Modification)
  - G. Title 40 CFR § 60.15 (relating to Reconstruction)
  - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
8. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
9. For sources subject to emission standards in 40 CFR Part 63, Subpart GG, the permit holder shall comply with the requirements below (Title 30 TAC Chapter 113, Subchapter C, § 113.380 incorporated by reference):
  - A. Title 40 CFR § 63.748 (relating to Standards: Handling and Storage of Waste)
  - B. Title 40 CFR § 63.749(a) (relating to Compliance Dates and Determinations)
10. For wood furniture manufacturing operations specified in 40 CFR Part 63, Subpart JJ, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.410 incorporated by reference):
  - A. Title 40 CFR § 63.800(a) (relating to Applicability), for recordkeeping requirements for an incidental wood furniture manufacturer
11. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

#### **Additional Monitoring Requirements**

12. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities

(including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

### **New Source Review Authorization Requirements**

13. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated January 23, 2025 in the application for project 37188), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
  - A. Are incorporated by reference into this permit as applicable requirements
  - B. Shall be located with this operating permit
  - C. Are not eligible for a permit shield
14. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
15. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

### **Compliance Requirements**

16. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
17. Use of Emission Credits to comply with applicable requirements:

- A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:
    - (i) Title 30 TAC Chapter 115
    - (ii) Title 30 TAC Chapter 117
    - (iii) Offsets for Title 30 TAC Chapter 116
  - B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:
    - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)-(d)
    - (ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1
    - (iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)-(d)
    - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122
    - (v) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)
18. Use of Discrete Emission Credits to comply with the applicable requirements:
- A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
    - (i) Title 30 TAC Chapter 115
    - (ii) Title 30 TAC Chapter 117
    - (iii) If applicable, offsets for Title 30 TAC Chapter 116
    - (iv) Temporarily exceed state NSR permit allowables
  - B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
    - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
    - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
    - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)

- (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122
- (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

### **Protection of Stratospheric Ozone**

19. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone:
- A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.
  - B. The permit holder shall comply with 40 CFR Part 82, Subpart F related to the disposal requirements for appliances using Class I or Class II (ozone-depleting) substances or non-exempt substitutes as specified in 40 CFR §§ 82.150 - 82.166 and the applicable Part 82 Appendices.

### **Alternative Requirements**

20. The permit holders shall comply with the approved alternative means of control (AMOC); alternative monitoring, recordkeeping, or reporting requirements; or requirements determined to be equivalent to an otherwise applicable requirement contained in the Alternative Requirements attachment of this permit. Units complying with an approved alternative requirement have a reference to the approval in the Applicable Requirements Summary for the unit. The permit holder shall maintain the original documentation, from the EPA Administrator, demonstrating the method or limitation utilized. Documentation shall be maintained and made available in accordance with 30 TAC § 122.144.

### **Permit Location**

21. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

### **Permit Shield (30 TAC § 122.148)**

22. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

## **Attachments**

**Applicable Requirements Summary**

**Additional Monitoring Requirements**

**Permit Shield**

**New Source Review Authorization References**

**Alternative Requirement**

### **Applicable Requirements Summary**

<b>Unit Summary .....</b>	<b>12</b>
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<b>Applicable Requirements Summary .....</b>	<b>41</b>
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Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
14-BLR1	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
27FLUSH	CLEANING/DEPAINTING OPERATION	N/A	63GG-27F2	40 CFR Part 63, Subpart GG	No changing attributes.
27OVEN1	CLEANING/DEPAINTING OPERATION	N/A	R5460-27H3	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.
27OVEN1	SURFACE COATING OPERATIONS	N/A	R5421-27P3	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
27OVEN1	SURFACE COATING OPERATIONS	N/A	R5421-27S3	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Specialty coatings.
27OVEN1	SURFACE COATING OPERATIONS	N/A	R5421-27T3	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
27OVEN1	CLEANING/DEPAINTING OPERATION	N/A	63GG-27H3	40 CFR Part 63, Subpart GG	No changing attributes.
27OVEN1	SURFACE COATING OPERATIONS	N/A	63GG-27P3	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP Content = The coating is a low HAP content primer.
27OVEN1	SURFACE COATING OPERATIONS	N/A	63GG-27T3	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation., Inorganic HAP Control = Dry particulate filter system.
27OVEN2	CLEANING/DEPAINTING OPERATION	N/A	R5460-27H4	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.



### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
27OVEN2	SURFACE COATING OPERATIONS	N/A	R5421-27P4	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
27OVEN2	SURFACE COATING OPERATIONS	N/A	R5421-27S4	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Specialty coatings.
27OVEN2	SURFACE COATING OPERATIONS	N/A	R5421-27T4	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
27OVEN2	CLEANING/DEPAINTING OPERATION	N/A	63GG-27H4	40 CFR Part 63, Subpart GG	No changing attributes.
27OVEN2	SURFACE COATING OPERATIONS	N/A	63GG-27P4	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP Content = The coating is a low HAP content primer.
27OVEN2	SURFACE COATING OPERATIONS	N/A	63GG-27T4	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation., Inorganic HAP Control = Dry particulate filter system.
27OVEN3	CLEANING/DEPAINTING OPERATION	N/A	R5460-27H7	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.
27OVEN3	SURFACE COATING OPERATIONS	N/A	R5421-27P7	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer.
27OVEN3	SURFACE COATING OPERATIONS	N/A	R5421-27S7	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Specialty coatings.
27OVEN3	SURFACE COATING OPERATIONS	N/A	R5421-27T7	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
27OVEN3	PROCESS HEATERS/FURNACES	N/A	63DDDDD-3	40 CFR Part 63, Subpart DDDDD	No changing attributes.
27OVEN3	CLEANING/DEPAINTING OPERATION	N/A	63GG-27H7	40 CFR Part 63, Subpart GG	No changing attributes.
27OVEN3	SURFACE COATING OPERATIONS	N/A	63GG-27P7	40 CFR Part 63, Subpart GG	Application Type = Primer application operation.
27OVEN3	SURFACE COATING OPERATIONS	N/A	63GG-27T7	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation., Inorganic HAP Control = Not a dry particulate filter or waterwash system.
27OVEN4	CLEANING/DEPAINTING OPERATION	N/A	R5460-27H8	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.
27OVEN4	SURFACE COATING OPERATIONS	N/A	R5421-27P8	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer.
27OVEN4	SURFACE COATING OPERATIONS	N/A	R5421-27S8	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Specialty coatings.
27OVEN4	SURFACE COATING OPERATIONS	N/A	R5421-27T8	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat.
27OVEN4	PROCESS HEATERS/FURNACES	N/A	63DDDDD-4	40 CFR Part 63, Subpart DDDDD	No changing attributes.
27OVEN4	CLEANING/DEPAINTING OPERATION	N/A	63GG-27H8	40 CFR Part 63, Subpart GG	No changing attributes.
27OVEN4	SURFACE COATING OPERATIONS	N/A	63GG-27P8	40 CFR Part 63, Subpart GG	Application Type = Primer application operation.
27OVEN4	SURFACE COATING OPERATIONS	N/A	63GG-27T8	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation., Inorganic HAP Control = Not a dry particulate filter or waterwash system.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
27PB1	CLEANING/DEPAINTING OPERATION	N/A	R5460-27H1	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.
27PB1	SURFACE COATING OPERATIONS	N/A	R5421-27P1	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
27PB1	SURFACE COATING OPERATIONS	N/A	R5421-27S1	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Specialty coatings.
27PB1	SURFACE COATING OPERATIONS	N/A	R5421-27T1	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
27PB1	CLEANING/DEPAINTING OPERATION	N/A	63GG-27G1	40 CFR Part 63, Subpart GG	Affected Source = Spray gun cleaning operation., Cleaning of Spray Gun = The activity performed is the cleaning of spray gun equipment in accordance with 40 CFR § 63.744(c)(3)., Robotic System = Spray gun nozzle tips are not being cleaned from an automatic spray system or are being cleaned from an automatic spray system and is a robotic system that can be programmed to spray into a closed container as described in 40 CFR § 63.744(c)(5)., Enclosed System = The spray guns are cleaned within an enclosed system., Non-Atomized Cleaning = The spray guns are cleaned by non-atomized cleaning., Disassembled Spray Gun Cleaning

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					= Spray guns are disassembled for cleaning., Atomized Cleaning = Atomized cleaning is not used for cleaning of spray guns., Semi-Aqueous or Table 1 = Not all cleaning solvents used are semi-aqueous or listed in Table 1.
27PB1	CLEANING/DEPAINTING OPERATION	N/A	63GG-27H1	40 CFR Part 63, Subpart GG	Affected Source = All hand-wipe cleaning operations., Exempt Operation = The cleaning operation is not exempt under 40 CFR § 63.744(e)(1)-(12).
27PB1	SURFACE COATING OPERATIONS	N/A	63GG-27P1	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP Content = The coating is a low HAP content primer.
27PB1	SURFACE COATING OPERATIONS	N/A	63GG-27T1	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation.
27PB2	CLEANING/DEPAINTING OPERATION	N/A	R5460-27H2	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.
27PB2	SURFACE COATING OPERATIONS	N/A	R5421-27P2	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
27PB2	SURFACE COATING OPERATIONS	N/A	R5421-27S2	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Specialty coatings.
27PB2	SURFACE COATING OPERATIONS	N/A	R5421-27T2	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					40 CFR § 63.750.
27PB2	CLEANING/DEPAINTING OPERATION	N/A	63GG-27F2	40 CFR Part 63, Subpart GG	Affected Source = A flush cleaning operation., Cleaning of Spray Gun = The activity performed is the cleaning of spray gun equipment in accordance with 40 CFR § 63.744(c)(3)., Robotic System = Spray gun nozzle tips are not being cleaned from an automatic spray system or are being cleaned from an automatic spray system and is a robotic system that can be programmed to spray into a closed container as described in 40 CFR § 63.744(c)(5)., Enclosed System = The spray guns are cleaned within an enclosed system., Non-Atomized Cleaning = The spray guns are not cleaned by non-atomized cleaning., Disassembled Spray Gun Cleaning = Spray guns are not disassembled for cleaning., Atomized Cleaning = Spray guns are cleaned by atomized cleaning (atomizing cap is not in place) and spray is directed into a device designed to capture the atomized cleaning solvent., Semi-Aqueous or Table 1 = Not all cleaning solvents used are semi-aqueous or listed in Table 1.
27PB2	CLEANING/DEPAINTING OPERATION	N/A	63GG-27G2	40 CFR Part 63, Subpart GG	Affected Source = Spray gun cleaning operation., Cleaning of Spray Gun = The activity performed is the cleaning of spray gun

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					equipment in accordance with 40 CFR § 63.744(c)(3)., Robotic System = Spray gun nozzle tips are not being cleaned from an automatic spray system or are being cleaned from an automatic spray system and is a robotic system that can be programmed to spray into a closed container as described in 40 CFR § 63.744(c)(5)., Enclosed System = The spray guns are cleaned within an enclosed system., Non-Atomized Cleaning = The spray guns are cleaned by non-atomized cleaning., Disassembled Spray Gun Cleaning = Spray guns are disassembled for cleaning., Atomized Cleaning = Atomized cleaning is not used for cleaning of spray guns., Semi-Aqueous or Table 1 = Not all cleaning solvents used are semi-aqueous or listed in Table 1.
27PB2	CLEANING/DEPAINTING OPERATION	N/A	63GG-27H2	40 CFR Part 63, Subpart GG	Affected Source = All hand-wipe cleaning operations.
27PB2	SURFACE COATING OPERATIONS	N/A	63GG-27P2	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP Content = The coating is a low HAP content primer.
27PB2	SURFACE COATING OPERATIONS	N/A	63GG-27T2	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation.
27PB3	CLEANING/DEPAINTING OPERATION	N/A	R5460-27H5	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
27PB3	SURFACE COATING OPERATIONS	N/A	R5421-27P5	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer.
27PB3	SURFACE COATING OPERATIONS	N/A	R5421-27S5	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Specialty coatings.
27PB3	SURFACE COATING OPERATIONS	N/A	R5421-27T5	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat.
27PB3	PROCESS HEATERS/FURNACES	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
27PB3	CLEANING/DEPAINTING OPERATION	N/A	63GG-27G5	40 CFR Part 63, Subpart GG	Affected Source = Spray gun cleaning operation., Cleaning of Spray Gun = The activity performed is the cleaning of spray gun equipment in accordance with 40 CFR § 63.744(c)(3)., Robotic System = Spray gun nozzle tips are not being cleaned from an automatic spray system or are being cleaned from an automatic spray system and is a robotic system that can be programmed to spray into a closed container as described in 40 CFR § 63.744(c)(5)., Enclosed System = The spray guns are cleaned within an enclosed system., Non-Atomized Cleaning = The spray guns are cleaned by non-atomized cleaning., Disassembled Spray Gun Cleaning = Spray guns are disassembled for cleaning., Atomized Cleaning = Atomized cleaning is not used for cleaning of spray guns., Semi- Aqueous or Table 1 = Not all cleaning solvents used are semi-

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					aqueous or listed in Table 1.
27PB3	CLEANING/DEPAINTING OPERATION	N/A	63GG-27H5	40 CFR Part 63, Subpart GG	Affected Source = All hand-wipe cleaning operations.
27PB3	SURFACE COATING OPERATIONS	N/A	63GG-27P5	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP Content = The coating is a low HAP content primer., HAP Averaging = Mass of organic HAP emitted per volume of coating (less water) as applied is determined using procedures in § 63.750(c)., VOC Averaging = Mass of VOC emitted per volume of coating (less water and exempt solvents) as applied is determined using the procedures in § 63.750(e).
27PB3	SURFACE COATING OPERATIONS	N/A	63GG-27T5	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation.
27PB4	CLEANING/DEPAINTING OPERATION	N/A	R5460-27H6	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.
27PB4	SURFACE COATING OPERATIONS	N/A	R5421-27P6	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer.
27PB4	SURFACE COATING OPERATIONS	N/A	R5421-27S6	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Specialty coatings.
27PB4	SURFACE COATING OPERATIONS	N/A	R5421-27T6	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat.
27PB4	PROCESS HEATERS/FURNACES	N/A	63DDDDD-2	40 CFR Part 63, Subpart DDDDD	No changing attributes.
27PB4	CLEANING/DEPAINTING OPERATION	N/A	63GG-27G6	40 CFR Part 63, Subpart GG	Affected Source = Spray gun cleaning operation., Cleaning of



### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					<p>Spray Gun = The activity performed is the cleaning of spray gun equipment in accordance with 40 CFR § 63.744(c)(3)., Robotic System = Spray gun nozzle tips are not being cleaned from an automatic spray system or are being cleaned from an automatic spray system and is a robotic system that can be programmed to spray into a closed container as described in 40 CFR § 63.744(c)(5)., Enclosed System = The spray guns are cleaned within an enclosed system., Non-Atomized Cleaning = The spray guns are cleaned by non-atomized cleaning., Disassembled Spray Gun Cleaning = Spray guns are disassembled for cleaning., Atomized Cleaning = Atomized cleaning is not used for cleaning of spray guns., Semi-Aqueous or Table 1 = Not all cleaning solvents used are semi-aqueous or listed in Table 1.</p>
27PB4	CLEANING/DEPAINTING OPERATION	N/A	63GG-27H6	40 CFR Part 63, Subpart GG	Affected Source = All hand-wipe cleaning operations.
27PB4	SURFACE COATING OPERATIONS	N/A	63GG-27P6	40 CFR Part 63, Subpart GG	<p>Application Type = Primer application operation., Emission Control = No control device is used to reduce organic HAP emissions., Alternative Monitoring Methods = The request to use alternative monitoring method(s) has not been approved by the EPA Administrator</p>

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					or no such request has been made.
27PB4	SURFACE COATING OPERATIONS	N/A	63GG-27T6	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation.
27PK1EXH	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5120-271	30 TAC Chapter 111, Visible Emissions	No changing attributes.
27PK1EXH	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5120-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
29	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
2SPARCELL-BLRA	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
2SPARCELL-BLRB	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
2SPARCELL-BLRC	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
2SPARCELL-BLRD	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
30-TRCB-BLR1	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
31	BOILERS/STEAM GENERATORS/STEAM	N/A	60DC-2	40 CFR Part 60, Subpart Dc	SO2 Inlet Monitoring Type = No SO2 monitoring because there is no

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	GENERATING UNITS				applicable SO2 emission limit, SO2 Outlet Monitoring Type = No SO2 monitoring because there is no applicable SO2 emission limit, 47C-Option = COMS exemption § 60.47c(f) for a facility that burns only gaseous fuels or fuel oils that contain less than or equal to 0.5 weight percent sulfur and operates according to a written site-specific monitoring plan approved by the permitting authority., ACF Option - SO2 = Other ACF or no ACF., Construction/Modification Date = After June 9, 1989 but on or before February 28, 2005.
31	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 60, Subpart Dc	SO2 Inlet Monitoring Type = Fuel certification (or maintaining receipts)., ACF Option - SO2 = Coal ACF greater than 55%., Construction/Modification Date = After February 28, 2005.
31	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
32	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60DC-2	40 CFR Part 60, Subpart Dc	SO2 Inlet Monitoring Type = No SO2 monitoring because there is no applicable SO2 emission limit, SO2 Outlet Monitoring Type = No SO2 monitoring because there is no applicable SO2 emission limit, 47C-Option = COMS exemption § 60.47c(f) for a facility that burns

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					only gaseous fuels or fuel oils that contain less than or equal to 0.5 weight percent sulfur and operates according to a written site-specific monitoring plan approved by the permitting authority., ACF Option - SO2 = Other ACF or no ACF., Construction/Modification Date = After June 9, 1989 but on or before February 28, 2005.
32	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 60, Subpart Dc	SO2 Inlet Monitoring Type = Fuel certification (or maintaining receipts)., ACF Option - SO2 = Coal ACF greater than 55%., Construction/Modification Date = After February 28, 2005.
32	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
36-1A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
36-2A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
36-PNT3	SURFACE COATING OPERATIONS	N/A	R5421-1	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer.
36-PNT3	SURFACE COATING OPERATIONS	N/A	R5421-2	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat.
36-PNT3	SURFACE COATING OPERATIONS	N/A	63GG-3P	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Content = The coating is a low HAP content primer.
36-PNT3	SURFACE COATING OPERATIONS	N/A	63GG-3T	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation., Inorganic HAP Control = Dry particulate filter system.
36-PNT4	SURFACE COATING OPERATIONS	N/A	R5421-1	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer.
36-PNT4	SURFACE COATING OPERATIONS	N/A	R5421-2	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat.
36-PNT4	SURFACE COATING OPERATIONS	N/A	63GG-3P	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP Content = The coating is a low HAP content primer.
36-PNT4	SURFACE COATING OPERATIONS	N/A	63GG-3T	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation., Inorganic HAP Control = Dry particulate filter system.
36-PNT7	CLEANING/DEPAINTING OPERATION	N/A	R5421-3H	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.
36-PNT7	SURFACE COATING OPERATIONS	N/A	R5421-1	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer.
36-PNT7	SURFACE COATING OPERATIONS	N/A	R5421-2	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat.
36-PNT7	CLEANING/DEPAINTING OPERATION	N/A	63GG-3G	40 CFR Part 63, Subpart GG	Affected Source = Spray gun cleaning operation., Cleaning of Spray Gun = The activity performed is the cleaning of spray gun equipment in accordance with 40 CFR § 63.744(c)(3)., Robotic System = Spray gun nozzle tips are not being cleaned from an automatic

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					spray system or are being cleaned from an automatic spray system and is a robotic system that can be programmed to spray into a closed container as described in 40 CFR § 63.744(c)(5)., Enclosed System = The spray guns are cleaned within an enclosed system., Non-Atomized Cleaning = The spray guns are cleaned by non-atomized cleaning., Disassembled Spray Gun Cleaning = Spray guns are disassembled for cleaning., Atomized Cleaning = Atomized cleaning is not used for cleaning of spray guns., Semi-Aqueous or Table 1 = Not all cleaning solvents used are semi-aqueous or listed in Table 1.
36-PNT7	CLEANING/DEPAINTING OPERATION	N/A	63GG-3H	40 CFR Part 63, Subpart GG	Affected Source = All hand-wipe cleaning operations.
36-PNT7	SURFACE COATING OPERATIONS	N/A	63GG-3P	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP Content = The coating is a low HAP content primer.
36-PNT7	SURFACE COATING OPERATIONS	N/A	63GG-3T	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation.
36-PNT8	CLEANING/DEPAINTING OPERATION	N/A	R5421-3H	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.
36-PNT8	SURFACE COATING OPERATIONS	N/A	R5421-1	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer.
36-PNT8	SURFACE COATING OPERATIONS	N/A	R5421-2	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
36-PNT8	CLEANING/DEPAINTING OPERATION	N/A	63GG-3G	40 CFR Part 63, Subpart GG	Affected Source = Spray gun cleaning operation., Cleaning of Spray Gun = The activity performed is the cleaning of spray gun equipment in accordance with 40 CFR § 63.744(c)(3)., Robotic System = Spray gun nozzle tips are not being cleaned from an automatic spray system or are being cleaned from an automatic spray system and is a robotic system that can be programmed to spray into a closed container as described in 40 CFR § 63.744(c)(5)., Enclosed System = The spray guns are cleaned within an enclosed system., Non-Atomized Cleaning = The spray guns are cleaned by non-atomized cleaning., Disassembled Spray Gun Cleaning = Spray guns are disassembled for cleaning., Atomized Cleaning = Atomized cleaning is not used for cleaning of spray guns., Semi-Aqueous or Table 1 = Not all cleaning solvents used are semi-aqueous or listed in Table 1.
36-PNT8	CLEANING/DEPAINTING OPERATION	N/A	63GG-3H	40 CFR Part 63, Subpart GG	Affected Source = All hand-wipe cleaning operations.
36-PNT8	SURFACE COATING OPERATIONS	N/A	63GG-3P	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP Content = The coating is a low HAP content primer.
36-PNT8	SURFACE COATING	N/A	63GG-3T	40 CFR Part 63, Subpart GG	Application Type = Topcoat

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	OPERATIONS				operation.
36Q	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
36R	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
4943	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
56-ABPRIME-PNT	SURFACE COATING OPERATIONS	N/A	R5421-1	30 TAC Chapter 115, Surface Coating Operations	No changing attributes.
56-ABPRIME-PNT	CLEANING/DEPAINTING OPERATION	N/A	63GG-1H	40 CFR Part 63, Subpart GG	No changing attributes.
56-BLR1	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
56-BLR2	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
61EMERGG1	SRIC ENGINES	N/A	60III-61-EG1	40 CFR Part 60, Subpart III	No changing attributes.
61EMERGG1	SRIC ENGINES	N/A	63ZZZZ-61-EG1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
61EMERGG2	SRIC ENGINES	N/A	60III-61-EG1	40 CFR Part 60, Subpart III	No changing attributes.
61EMERGG2	SRIC ENGINES	N/A	63ZZZZ-61-EG2	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
7235302A	EMISSION POINTS/STATIONARY	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.



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Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	VENTS/PROCESS VENTS				
97-010	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
97-011	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
97-012	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
99005	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
99006	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
99007	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
99008	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
99013	STORAGE TANKS/VESSELS	N/A	R5112-2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
99014	STORAGE TANKS/VESSELS	N/A	R5112-2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
99015	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
99016	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
99017	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
99018	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
99019	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
99020	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
99022	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
9A-1	STORAGE TANKS/VESSELS	N/A	R5112-3	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
9A-2	STORAGE TANKS/VESSELS	N/A	R5112-3	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
9A-3	STORAGE TANKS/VESSELS	N/A	R5112-3	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
9A-4	STORAGE TANKS/VESSELS	N/A	R5112-3	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
BLD36VP1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
BLD36VP2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
BLD36VPF	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
BLD36VPG	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
BLDG2-CLAVEVP	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
BLDG28-CLAVEVP	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
BLDG30-CLAVEVP	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
BLDG36PRSBLR1	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
BLDG36PRSBLR2	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
CD B5-1	SOLVENT DEGREASING MACHINES	N/A	R5412-2	30 TAC Chapter 115, Degreasing Processes	No changing attributes.
GRPCLDDGR	SOLVENT DEGREASING MACHINES	CD B12-1, CD B12- 2, CD B12-3, CD B2-1, CD B20-1, CD B24-1, CD B27-1,	R5412-1	30 TAC Chapter 115, Degreasing Processes	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		CD B29-1, CD B29-2, CD B36-1			
PRO10	CLEANING/DEPAINTING OPERATION	N/A	R5421-3H	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.
PRO10	SURFACE COATING OPERATIONS	N/A	R5421-2	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
PRO10	SURFACE COATING OPERATIONS	N/A	R5421-3	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
PRO10	SURFACE COATING OPERATIONS	N/A	R5421-4	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Specialty coatings.
PRO10	CLEANING/DEPAINTING OPERATION	N/A	63GG-3G	40 CFR Part 63, Subpart GG	Affected Source = Spray gun cleaning operation., Cleaning of Spray Gun = The activity performed is the cleaning of spray gun equipment in accordance with 40 CFR § 63.744(c)(3)., Robotic System = Spray gun nozzle tips are not being cleaned from an automatic spray system or are being cleaned from an automatic spray system and is a robotic system that can be programmed to spray into a closed container as described in 40 CFR § 63.744(c)(5)., Enclosed System = The spray guns are cleaned within an enclosed system., Non-Atomized

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Cleaning = The spray guns are cleaned by non-atomized cleaning., Disassembled Spray Gun Cleaning = Spray guns are disassembled for cleaning., Atomized Cleaning = Atomized cleaning is not used for cleaning of spray guns., Semi-Aqueous or Table 1 = Not all cleaning solvents used are semi-aqueous or listed in Table 1.
PRO10	CLEANING/DEPAINTING OPERATION	N/A	63GG-3H	40 CFR Part 63, Subpart GG	Affected Source = All hand-wipe cleaning operations., Exempt Operation = The cleaning operation is not exempt under 40 CFR § 63.744(e)(1)-(12).
PRO10	SURFACE COATING OPERATIONS	N/A	63GG-3P	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP Content = The coating is a low HAP content primer.
PRO10	SURFACE COATING OPERATIONS	N/A	63GG-3T	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation.
PRO13	SURFACE COATING OPERATIONS	N/A	R5421-4	30 TAC Chapter 115, Surface Coating Operations	No changing attributes.
PRO14	SURFACE COATING OPERATIONS	N/A	R5421-62-1	30 TAC Chapter 115, Surface Coating Operations	Facility Operations = Other miscellaneous metal parts and products coating., Miscellaneous Coating Type = Coating type other than low-bake coatings, coating using air or forced air dryers, extreme performance and clear coat/interior protective coating for pails and drums., Maintenance

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Shop = Recoating used miscellaneous metal parts and products at an on-site maintenance shop that began operations before January 1, 2012.
PRO14	SURFACE COATING OPERATIONS	N/A	R5421-62-2	30 TAC Chapter 115, Surface Coating Operations	Facility Operations = Surface coating of wood parts and products., Wood Coating Type = Final repair coat., Maintenance Shop = Coating operation is not conducted at an on-site maintenance shop, or coating operation is not recoating of used miscellaneous metal parts and products.
PRO14	SURFACE COATING OPERATIONS	N/A	60EE	40 CFR Part 60, Subpart EE	No changing attributes.
PRO21	CLEANING/DEPAINTING OPERATION	N/A	63GG-1G	40 CFR Part 63, Subpart GG	Affected Source = Spray gun cleaning operation., Robotic System = Spray gun nozzle tips are being cleaned from an automatic spray system and is not a robotic system that can be programmed to spray into a closed container as described in 40 CFR § 63.744(c)(5)., Semi-Aqueous or Table 1 = Not all cleaning solvents used are semi-aqueous or listed in Table 1.
PRO21	CLEANING/DEPAINTING OPERATION	N/A	63GG-3H	40 CFR Part 63, Subpart GG	Affected Source = All hand-wipe cleaning operations., Cleaning of Spray Gun = There is no cleaning of spray gun equipment or the cleaning is not done in accordance with 40 CFR § 63.744(c)(3)., Exempt

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Operation = The cleaning operation is one of the exempt operations listed in 40 CFR § 63.744(e)(1)-(12).
PRO23-3	CLEANING/DEPAINTING OPERATION	N/A	R5421-3H	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.
PRO23-3	SURFACE COATING OPERATIONS	N/A	R5421-2	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
PRO23-3	SURFACE COATING OPERATIONS	N/A	R5421-3	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
PRO23-3	SURFACE COATING OPERATIONS	N/A	R5421-4	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Specialty coatings.
PRO23-3	CLEANING/DEPAINTING OPERATION	N/A	63GG-3G	40 CFR Part 63, Subpart GG	Affected Source = Spray gun cleaning operation., Cleaning of Spray Gun = The activity performed is the cleaning of spray gun equipment in accordance with 40 CFR § 63.744(c)(3)., Robotic System = Spray gun nozzle tips are not being cleaned from an automatic spray system or are being cleaned from an automatic spray system and is a robotic system that can be programmed to spray into a closed container as described in 40 CFR § 63.744(c)(5)., Enclosed System = The spray guns are cleaned within

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					an enclosed system., Non-Atomized Cleaning = The spray guns are cleaned by non-atomized cleaning., Disassembled Spray Gun Cleaning = Spray guns are disassembled for cleaning., Atomized Cleaning = Atomized cleaning is not used for cleaning of spray guns., Semi-Aqueous or Table 1 = Not all cleaning solvents used are semi-aqueous or listed in Table 1.
PRO23-3	CLEANING/DEPAINTING OPERATION	N/A	63GG-3H	40 CFR Part 63, Subpart GG	Affected Source = All hand-wipe cleaning operations.
PRO23-3	SURFACE COATING OPERATIONS	N/A	63GG-3P	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP Content = The coating is a low HAP content primer.
PRO23-3	SURFACE COATING OPERATIONS	N/A	63GG-3T	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation.
PRO26	CLEANING/DEPAINTING OPERATION	N/A	R5421-3H	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.
PRO26	SURFACE COATING OPERATIONS	N/A	R5421-2	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
PRO26	SURFACE COATING OPERATIONS	N/A	R5421-3	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.



### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
PRO26	SURFACE COATING OPERATIONS	N/A	R5421-4	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Specialty coatings.
PRO26	CLEANING/DEPAINTING OPERATION	N/A	63GG-3G	40 CFR Part 63, Subpart GG	Affected Source = Spray gun cleaning operation., Cleaning of Spray Gun = The activity performed is the cleaning of spray gun equipment in accordance with 40 CFR § 63.744(c)(3)., Robotic System = Spray gun nozzle tips are not being cleaned from an automatic spray system or are being cleaned from an automatic spray system and is a robotic system that can be programmed to spray into a closed container as described in 40 CFR § 63.744(c)(5)., Enclosed System = The spray guns are cleaned within an enclosed system., Non-Atomized Cleaning = The spray guns are cleaned by non-atomized cleaning., Disassembled Spray Gun Cleaning = Spray guns are disassembled for cleaning., Atomized Cleaning = Atomized cleaning is not used for cleaning of spray guns., Semi- Aqueous or Table 1 = Not all cleaning solvents used are semi- aqueous or listed in Table 1.
PRO26	CLEANING/DEPAINTING OPERATION	N/A	63GG-3H	40 CFR Part 63, Subpart GG	Affected Source = All hand-wipe cleaning operations., Exempt Operation = The cleaning operation is not exempt under 40 CFR § 63.744(e)(1)-(12).

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
PRO26	SURFACE COATING OPERATIONS	N/A	63GG-3P	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP Content = The coating is a low HAP content primer.
PRO26	SURFACE COATING OPERATIONS	N/A	63GG-3T	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation.
PRO99024	CLEANING/DEPAINTING OPERATION	N/A	63GG-1	40 CFR Part 63, Subpart GG	No changing attributes.
PROK-1	CLEANING/DEPAINTING OPERATION	N/A	R5421-3H	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.
PROK-1	SURFACE COATING OPERATIONS	N/A	R5421-2	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
PROK-1	SURFACE COATING OPERATIONS	N/A	R5421-3	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
PROK-1	SURFACE COATING OPERATIONS	N/A	R5421-4	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Specialty coatings.
PROK-1	CLEANING/DEPAINTING OPERATION	N/A	63GG-3G	40 CFR Part 63, Subpart GG	Affected Source = Spray gun cleaning operation., Cleaning of Spray Gun = The activity performed is the cleaning of spray gun equipment in accordance with 40 CFR § 63.744(c)(3)., Robotic System = Spray gun nozzle tips are not being cleaned from an automatic spray system or are being cleaned

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					from an automatic spray system and is a robotic system that can be programmed to spray into a closed container as described in 40 CFR § 63.744(c)(5)., Enclosed System = The spray guns are cleaned within an enclosed system., Non-Atomized Cleaning = The spray guns are cleaned by non-atomized cleaning., Disassembled Spray Gun Cleaning = Spray guns are disassembled for cleaning., Atomized Cleaning = Atomized cleaning is not used for cleaning of spray guns., Semi-Aqueous or Table 1 = Not all cleaning solvents used are semi-aqueous or listed in Table 1.
PROK-1	CLEANING/DEPAINTING OPERATION	N/A	63GG-3H	40 CFR Part 63, Subpart GG	Affected Source = All hand-wipe cleaning operations., Exempt Operation = The cleaning operation is not exempt under 40 CFR § 63.744(e)(1)-(12).
PROK-1	SURFACE COATING OPERATIONS	N/A	63GG-3P	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP Content = The coating is a low HAP content primer.
PROK-1	SURFACE COATING OPERATIONS	N/A	63GG-3T	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation.
PROPLT1FUG	SURFACE COATING OPERATIONS	N/A	R5421-4	30 TAC Chapter 115, Surface Coating Operations	No changing attributes.
PROPLT1FUG	CLEANING/DEPAINTING OPERATION	N/A	63GG-4	40 CFR Part 63, Subpart GG	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
WWTANK1	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5132-1	30 TAC Chapter 115, Water Separation	No changing attributes.
WWTANK2	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5132-1	30 TAC Chapter 115, Water Separation	No changing attributes.
WWTANK3	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5132-1	30 TAC Chapter 115, Water Separation	No changing attributes.
WWTANK4	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5132-1	30 TAC Chapter 115, Water Separation	No changing attributes.

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
14-BLR1	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	For a new or existing boiler or process heater with a heat input capacity of less than or equal to 5 million Btu per hour designed to burn gas 1, a tune-up of the boiler or process heater must be conducted every 5 years as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
27FLUSH	PRO	63GG-27F2	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27OVEN1	PRO	R5460-27H3	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
27OVEN1	PRO	R5421-27P3	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27OVEN1	PRO	R5421-27S3	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of specialty coatings as listed in subparagraph (B) of this paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C)	None
27OVEN1	PRO	R5421-27T3	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
27OVEN1	PRO	63GG-27H3	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27OVEN1	PRO	63GG-27P3	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27OVEN1	PRO	63GG-27T3	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27OVEN2	PRO	R5460-27H4	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
27OVEN2	PRO	R5421-27P4	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
27OVEN2	PRO	R5421-27S4	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of specialty coatings as listed in subparagraph (B) of this paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C)	None
27OVEN2	PRO	R5421-27T4	VOC	30 TAC Chapter 115, Surface	§ 115.421(10)(A)(ii) § 115.421	The VOC content of topcoats (including self-	§ 115.424(a) § 115.424(b)	§ 115.426 [G]§ 115.426(1)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Coating Operations	§ 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	[G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	
27OVEN2	PRO	63GG-27H4	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27OVEN2	PRO	63GG-27P4	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27OVEN2	PRO	63GG-27T4	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27OVEN3	PRO	R5460-27H7	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
27OVEN3	PRO	R5421-27P7	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
27OVEN3	PRO	R5421-27S7	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of specialty coatings as listed in subparagraph (B) of this paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C)	None
27OVEN3	PRO	R5421-27T7	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
27OVEN3	EU	63DDDDD-3	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1)	For a new or existing boiler or process heater with a heat input capacity of less	§ 63.7510(g) § 63.7515(d) § 63.7540(a)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a)	§ 63.7530(e) § 63.7530(f) § 63.7545(a)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.7500(a)(3) § 63.7500(d) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	than or equal to 5 million Btu per hour designed to burn gas 2 (other), a tune-up of the boiler or process heater must be conducted every 5 years as specified in § 63.7540.	[G]§ 63.7540(a)(10)	§ 63.7560(b) § 63.7560(c)	§ 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
27OVEN3	PRO	63GG-27H7	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27OVEN3	PRO	63GG-27P7	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27OVEN3	PRO	63GG-27T7	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27OVEN4	PRO	R5460-27H8	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
27OVEN4	PRO	R5421-27P8	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
27OVEN4	PRO	R5421-27S8	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of specialty coatings as listed in subparagraph (B) of this paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C)	None
27OVEN4	PRO	R5421-27T8	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
27OVEN4	EU	63DDDDD-4	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1)	For a new or existing boiler or process heater with a heat input capacity of less	§ 63.7510(g) § 63.7515(d) § 63.7540(a)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a)	§ 63.7530(e) § 63.7530(f) § 63.7545(a)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.7500(a)(3) § 63.7500(d) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	than or equal to 5 million Btu per hour designed to burn gas 2 (other), a tune-up of the boiler or process heater must be conducted every 5 years as specified in § 63.7540.	[G]§ 63.7540(a)(10)	§ 63.7560(b) § 63.7560(c)	§ 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
27OVEN4	PRO	63GG-27H8	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27OVEN4	PRO	63GG-27P8	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27OVEN4	PRO	63GG-27T8	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27PB1	PRO	R5460-27H1	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
27PB1	PRO	R5421-27P1	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
27PB1	PRO	R5421-27S1	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of specialty coatings as listed in subparagraph (B) of this paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C)	None
27PB1	PRO	R5421-27T1	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
27PB1	PRO	63GG-27G1	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with	The permit holder shall comply with the applicable requirements of 40 CFR	The permit holder shall comply with the applicable	The permit holder shall comply with the applicable	The permit holder shall comply with the applicable reporting

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	Part 63, Subpart GG	monitoring and testing requirements of 40 CFR Part 63, Subpart GG	recordkeeping requirements of 40 CFR Part 63, Subpart GG	requirements of 40 CFR Part 63, Subpart GG
27PB1	PRO	63GG-27H1	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27PB1	PRO	63GG-27P1	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27PB1	PRO	63GG-27T1	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27PB2	PRO	R5460-27H2	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
27PB2	PRO	R5421-27P2	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) § 115.422(5)(C) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
27PB2	PRO	R5421-27S2	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) § 115.422(5)(C) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of specialty coatings as listed in subparagraph (B) of this paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C)	None
27PB2	PRO	R5421-27T2	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) § 115.422(5)(C) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27PB2	PRO	63GG-27F2	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27PB2	PRO	63GG-27G2	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27PB2	PRO	63GG-27H2	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27PB2	PRO	63GG-27P2	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG



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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					CFR Part 63, Subpart GG				
27PB2	PRO	63GG-27T2	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27PB3	PRO	R5460-27H5	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
27PB3	PRO	R5421-27P5	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
27PB3	PRO	R5421-27S5	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of specialty coatings as listed in subparagraph (B) of this paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27PB3	PRO	R5421-27T5	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
27PB3	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.2 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(11) § 63.7540(a)(13)	A new or existing boiler or process heater with heat input capacity of less than 10 million Btu per hour, but greater than 5 million Btu per hour, in a unit designed to burn gas 2 (other) or unit designed to burn light liquid must conduct a tune-up of the boiler or process heater biennially as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
27PB3	PRO	63GG-27G5	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27PB3	PRO	63GG-27H5	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63,	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					requirements of 40 CFR Part 63, Subpart GG		Subpart GG		
27PB3	PRO	63GG-27P5	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27PB3	PRO	63GG-27T5	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27PB4	PRO	R5460-27H6	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
27PB4	PRO	R5421-27P6	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.426 § 115.427(6)				
27PB4	PRO	R5421-27S6	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of specialty coatings as listed in subparagraph (B) of this paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C)	None
27PB4	PRO	R5421-27T6	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
27PB4	EU	63DDDDD-2	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(d) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	For a new or existing boiler or process heater with a heat input capacity of less than or equal to 5 million Btu per hour designed to burn gas 2 (other), a tune-up of the boiler or process heater must be conducted every 5 years as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
27PB4	PRO	63GG-27G6	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63,	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					requirements of 40 CFR Part 63, Subpart GG		Subpart GG		
27PB4	PRO	63GG-27H6	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27PB4	PRO	63GG-27P6	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27PB4	PRO	63GG-27T6	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27PK1EXH	EP	R5120-271	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute	None	None	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
27PK1EXH	EP	R5120-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
27PK1EXH	EP	R5120-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in §115.121(a)(1) of this title with a concentration of VOC less than 612 parts per million by volume (ppmv) is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
29	EU	63DDDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.2 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a)	A new or existing boiler or process heater with heat input capacity of less than 10 million Btu per hour, but greater than 5 million Btu per hour, in a unit designed to burn gas 1 must conduct	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.7540(a)(10) § 63.7540(a)(11) § 63.7540(a)(13)	a tune-up of the boiler or process heater biennially as specified in § 63.7540.	[G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7560(c)	[G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
2SPARCELL-BLRA	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.2 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(11) § 63.7540(a)(13)	A new or existing boiler or process heater with heat input capacity of less than 10 million Btu per hour, but greater than 5 million Btu per hour, in a unit designed to burn gas 1 must conduct a tune-up of the boiler or process heater biennially as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
2SPARCELL-BLRB	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.2 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(11) § 63.7540(a)(13)	A new or existing boiler or process heater with heat input capacity of less than 10 million Btu per hour, but greater than 5 million Btu per hour, in a unit designed to burn gas 1 must conduct a tune-up of the boiler or process heater biennially as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
2SPARCELL-BLRC	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.2 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(11)	A new or existing boiler or process heater with heat input capacity of less than 10 million Btu per hour, but greater than 5 million Btu per hour, in a unit designed to burn gas 1 must conduct a tune-up of the boiler or process heater biennially as	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a)

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					§ 63.7540(a)(13)	specified in § 63.7540.	[G]§ 63.7540(c)		[G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
2SPARCELL-BLRD	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.2 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(11) § 63.7540(a)(13)	A new or existing boiler or process heater with heat input capacity of less than 10 million Btu per hour, but greater than 5 million Btu per hour, in a unit designed to burn gas 1 must conduct a tune-up of the boiler or process heater biennially as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
30-TRCB-BLR1	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.2 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(11) § 63.7540(a)(13)	A new or existing boiler or process heater with heat input capacity of less than 10 million Btu per hour, but greater than 5 million Btu per hour, in a unit designed to burn gas 1 must conduct a tune-up of the boiler or process heater biennially as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
31	EU	60DC-2	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i) ** See Alternative Requirements	[G]§ 60.48c(a)
31	EU	60DC-2	PM (Opacity)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed,	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3)	[G]§ 60.48c(a)



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						or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).		§ 60.48c(i) ** See Alternative Requirements	
31	EU	60DC-2	SO <sub>2</sub>	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i) ** See Alternative Requirements	[G]§ 60.48c(a)
31	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
32	EU	60DC-2	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i) ** See Alternative Requirements	[G]§ 60.48c(a)
32	EU	60DC-2	PM (Opacity)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						that has a maximum design heat input capacity of 2.9-29 megawatts (MW).		** See Alternative Requirements	
32	EU	60DC-2	SO <sub>2</sub>	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i) ** See Alternative Requirements	[G]§ 60.48c(a)
32	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
36-1A	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
36-2A	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.			
36-PNT3	PRO	R5421-1	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
36-PNT3	PRO	R5421-2	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
36-PNT3	PRO	63GG-3P	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
36-PNT3	PRO	63GG-3T	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					and/or equipment specification requirements of 40 CFR Part 63, Subpart GG		requirements of 40 CFR Part 63, Subpart GG	Part 63, Subpart GG	
36-PNT4	PRO	R5421-1	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
36-PNT4	PRO	R5421-2	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
36-PNT4	PRO	63GG-3P	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
36-PNT4	PRO	63GG-3T	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and	The permit holder shall comply with the applicable recordkeeping	The permit holder shall comply with the applicable reporting requirements of 40 CFR

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG		testing requirements of 40 CFR Part 63, Subpart GG	requirements of 40 CFR Part 63, Subpart GG	Part 63, Subpart GG
36-PNT7	PRO	R5421-3H	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
36-PNT7	PRO	R5421-1	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
36-PNT7	PRO	R5421-2	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
36-PNT7	PRO	63GG-3G	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					specification requirements of 40 CFR Part 63, Subpart GG		CFR Part 63, Subpart GG		
36-PNT7	PRO	63GG-3H	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
36-PNT7	PRO	63GG-3P	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
36-PNT7	PRO	63GG-3T	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
36-PNT8	PRO	R5421-3H	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).			
36-PNT8	PRO	R5421-1	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
36-PNT8	PRO	R5421-2	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
36-PNT8	PRO	63GG-3G	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
36-PNT8	PRO	63GG-3H	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					and/or equipment specification requirements of 40 CFR Part 63, Subpart GG		requirements of 40 CFR Part 63, Subpart GG	Part 63, Subpart GG	
36-PNT8	PRO	63GG-3P	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
36-PNT8	PRO	63GG-3T	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
36Q	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	For a new or existing boiler or process heater with a heat input capacity of less than or equal to 5 million Btu per hour designed to burn gas 1, a tune-up of the boiler or process heater must be conducted every 5 years as specified in § 63.7540.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
36R	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.2 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(11) § 63.7540(a)(13)	A new or existing boiler or process heater with heat input capacity of less than 10 million Btu per hour, but greater than 5 million Btu per hour, in a unit designed to burn gas 1 must conduct a tune-up of the boiler or process heater biennially as specified in § 63.7540.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
4943	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
56-ABPRIME-PNT	PRO	R5421-1	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
56-ABPRIME-PNT	PRO	63GG-1H	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63,	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					Subpart GG				
56-BLR1	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.2 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(11) § 63.7540(a)(13)	A new or existing boiler or process heater with heat input capacity of less than 10 million Btu per hour, but greater than 5 million Btu per hour, in a unit designed to burn gas 1 must conduct a tune-up of the boiler or process heater biennially as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
56-BLR2	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.2 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(11) § 63.7540(a)(13)	A new or existing boiler or process heater with heat input capacity of less than 10 million Btu per hour, but greater than 5 million Btu per hour, in a unit designed to burn gas 1 must conduct a tune-up of the boiler or process heater biennially as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
61EMERGG 1	EU	60IIII-61-EG1	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4204(f) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40	None	None	[G]§ 60.4214(d) § 60.4214(e)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.			
61EMERGG 1	EU	60IIII-61-EG1	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4204(f) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 560 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NO <sub>x</sub> emission limit of 6.4 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	None	None	[G]§ 60.4214(d) § 60.4214(e)
61EMERGG 1	EU	60IIII-61-EG1	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4204(f) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	None	None	[G]§ 60.4214(d) § 60.4214(e)
61EMERGG 1	EU	63ZZZZ-61-EG1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of	None	None	§ 63.6645(f)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).			
61EMERGG 2	EU	60III-61-EG1	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4204(f) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	None	None	[G]§ 60.4214(d) § 60.4214(e)
61EMERGG 2	EU	60III-61-EG1	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4204(f) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 560 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NO <sub>x</sub> emission limit of 6.4 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	None	None	[G]§ 60.4214(d) § 60.4214(e)
61EMERGG 2	EU	60III-61-EG1	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2)	Owners and operators of emergency stationary CI ICE, that are not fire pump	None	None	[G]§ 60.4214(d) § 60.4214(e)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.4204(f) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.			
61EMERGG 2	EU	63ZZZZ- 61-EG2	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(f)
7235302A	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
97-010	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						title.			
97-011	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
97-012	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
99005	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
99006	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
99007	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC)	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.			
99008	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
99013	EU	R5112-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(5) § 115.118(a)(7)	None
99014	EU	R5112-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
99015	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
99016	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
99017	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
99018	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
99019	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						24-hour period is exempt from §115.121(a)(1) of this title.			
99020	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
99022	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
9A-1	EU	R5112-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
9A-2	EU	R5112-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
9A-3	EU	R5112-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						vapor pressure less than 1.5 psia is exempt from the requirements of this division.			
9A-4	EU	R5112-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
BLD36VP1	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
BLD36VP2	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
BLD36VPF	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
BLD36VPG	EP	R5121-1	VOC	30 TAC Chapter	§ 115.127(a)(2)(A)	A vent gas stream having a	[G]§ 115.125	§ 115.126	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				115, Vent Gas Controls	[G]§ 115.122(a)(4) § 115.127(a)(2)	combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	§ 115.126(2)	§ 115.126(2) § 115.126(4)	
BLDG2-CLAVEVP	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2) § 115.126(3)(B)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(3)(B)	None
BLDG2-CLAVEVP	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in § 115.121(a)(1) of this title with a concentration of VOC < 612 ppmv is exempt from § 115.121(a)(1).	[G]§ 115.125 § 115.126(2) § 115.126(3)(C)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(3)(C)	None
BLDG28-CLAVEVP	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2) § 115.126(3)(B)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(3)(B)	None
BLDG28-CLAVEVP	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in § 115.121(a)(1) of this title with a concentration of VOC < 612 ppmv is exempt from § 115.121(a)(1).	[G]§ 115.125 § 115.126(2) § 115.126(3)(C)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(3)(C)	None
BLDG30-CLAVEVP	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in § 115.121(a)(1) of this title with a concentration of	[G]§ 115.125 § 115.126(2) § 115.126(3)(C)	§ 115.126 § 115.126(2) § 115.126(3)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						VOC < 612 ppmv is exempt from § 115.121(a)(1).		§ 115.126(3)(C)	
BLDG30-CLAVEVP	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2) § 115.126(3)(B)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(3)(B)	None
BLDG36PR SBLR1	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	For a new or existing boiler or process heater with a heat input capacity of less than or equal to 5 million Btu per hour designed to burn gas 1, a tune-up of the boiler or process heater must be conducted every 5 years as specified in § 63.7540.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
BLDG36PR SBLR2	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	For a new or existing boiler or process heater with a heat input capacity of less than or equal to 5 million Btu per hour designed to burn gas 1, a tune-up of the boiler or process heater must be conducted every 5 years as specified in § 63.7540.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
CD B5-1	EU	R5412-2	VOC	30 TAC Chapter 115, Degreasing Processes	§ 115.411(4)	An owner or operator who operates a remote reservoir cold solvent cleaner that	None	§ 115.416 § 115.416(4) § 115.416(4)(B)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						uses solvent with a true vapor pressure equal to or less than 0.6 psia (4.1 kPa) measured at 100 degrees Fahrenheit (38 degrees Celsius) and that has a drain area less than 16 in2 (100 cm2) and who properly disposes of waste solvent in enclosed containers is exempt from §115.412(1) of this title.			
GRPCLDDG R	EU	R5412-1	VOC	30 TAC Chapter 115, Degreasing Processes	§ 115.412(1) § 115.411(1) § 115.411(2) [G]§ 115.412(1)(A) § 115.412(1)(C) [G]§ 115.412(1)(F)	No person shall own or operate a system utilizing a VOC for the cold solvent cleaning of objects without the controls listed in §115.412(1)(A)-(F), except as exempted in §115.411.	[G]§ 115.415(1) § 115.415(3) ** See Periodic Monitoring Summary	§ 115.416 § 115.416(4) § 115.416(4)(A) § 115.416(4)(B)	None
PRO10	PRO	R5421-3H	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
PRO10	PRO	R5421-2	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
PRO10	PRO	R5421-3	VOC	30 TAC Chapter 115, Surface	§ 115.421(10)(A)(ii) § 115.421	The VOC content of topcoats (including self-	§ 115.424(a) § 115.424(b)	§ 115.426 [G]§ 115.426(1)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Coating Operations	§ 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	[G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	
PRO10	PRO	R5421-4	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of specialty coatings as listed in subparagraph (B) of this paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C)	None
PRO10	PRO	63GG-3G	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO10	PRO	63GG-3H	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO10	PRO	63GG-3P	112(B)	40 CFR Part 63,	§ 63.741(a)	The permit holder shall	The permit holder	The permit holder shall	The permit holder shall

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			HAPS	Subpart GG	The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	comply with the applicable requirements of 40 CFR Part 63, Subpart GG	shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO10	PRO	63GG-3T	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO13	PRO	R5421-4	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of specialty coatings as listed in subparagraph (B) of this paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C)	None
PRO14	PRO	R5421-62-1	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(8)(A) § 115.421 § 115.421(8)(B) § 115.421(8)(C) § 115.426	VOC emissions from the coating of miscellaneous metal parts and products shall not exceed 3.0 lbs/gal (0.36 kg/L) of coating (minus water and exempt solvent) delivered for all other coating applications, including high-bake coatings.	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PRO14	PRO	R5421-62-2	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(14) § 115.421 § 115.426	VOC emissions from the coating of wood parts and products shall not exceed 6.5 pounds per gallon (0.78 kg/liter) of coating (minus water and exempt solvent) as delivered to the application system for wash coats. All VOC emissions from solvent washings must be included in determination of compliance with the emission limitations in this paragraph, unless the solvent is directed into containers that prevent evaporation into the atmosphere.	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1)	None
PRO14	PRO	60EE	VOC	40 CFR Part 60, Subpart EE	§ 60.310(c)	A metal furniture coating operation that uses less than 3842 L (1015 gal) of coating/yr and keeps records to verify annual usage is exempt from other provisions of this subpart. Facility must maintain records at least 2 yrs.	None	§ 60.310(c)	None
PRO21	PRO	63GG-1G	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO21	PRO	63GG-3H	112(B)	40 CFR Part 63,	§ 63.741(a)	The permit holder shall	The permit holder	The permit holder shall	The permit holder shall



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			HAPS	Subpart GG	The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	comply with the applicable requirements of 40 CFR Part 63, Subpart GG	shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO23-3	PRO	R5421-3H	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
PRO23-3	PRO	R5421-2	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
PRO23-3	PRO	R5421-3	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
PRO23-3	PRO	R5421-4	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 § 115.421(10)	The VOC content of specialty coatings as listed in subparagraph (B) of this	§ 115.424(a) § 115.424(b) [G]§ 115.425(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	[G]§ 115.426(5)(C)	
PRO23-3	PRO	63GG-3G	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO23-3	PRO	63GG-3H	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO23-3	PRO	63GG-3P	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO23-3	PRO	63GG-3T	112(B)	40 CFR Part 63,	§ 63.741(a)	The permit holder shall	The permit holder	The permit holder shall	The permit holder shall

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			HAPS	Subpart GG	The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	comply with the applicable requirements of 40 CFR Part 63, Subpart GG	shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO26	PRO	R5421-3H	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
PRO26	PRO	R5421-2	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
PRO26	PRO	R5421-3	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
PRO26	PRO	R5421-4	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 § 115.421(10)	The VOC content of specialty coatings as listed in subparagraph (B) of this	§ 115.424(a) § 115.424(b) [G]§ 115.425(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	[G]§ 115.426(5)(C)	
PRO26	PRO	63GG-3G	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO26	PRO	63GG-3H	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO26	PRO	63GG-3P	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO26	PRO	63GG-3T	112(B)	40 CFR Part 63,	§ 63.741(a)	The permit holder shall	The permit holder	The permit holder shall	The permit holder shall

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			HAPS	Subpart GG	The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	comply with the applicable requirements of 40 CFR Part 63, Subpart GG	shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO99024	PRO	63GG-1	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PROK-1	PRO	R5421-3H	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
PROK-1	PRO	R5421-2	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
PROK-1	PRO	R5421-3	VOC	30 TAC Chapter 115, Surface	§ 115.421(10)(A)(ii) § 115.421	The VOC content of topcoats (including self-	§ 115.424(a) § 115.424(b)	§ 115.426 [G]§ 115.426(1)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Coating Operations	§ 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	[G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	
PROK-1	PRO	R5421-4	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of specialty coatings as listed in subparagraph (B) of this paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C)	None
PROK-1	PRO	63GG-3G	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PROK-1	PRO	63GG-3H	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PROK-1	PRO	63GG-3P	112(B)	40 CFR Part 63,	§ 63.741(a)	The permit holder shall	The permit holder	The permit holder shall	The permit holder shall

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			HAPS	Subpart GG	The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	comply with the applicable requirements of 40 CFR Part 63, Subpart GG	shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PROK-1	PRO	63GG-3T	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PROPLT1F UG	PRO	R5421-4	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of specialty coatings as listed in subparagraph (B) of this paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C)	None
PROPLT1F UG	PRO	63GG-4	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
WWTANK1	EU	R5132-1	VOC	30 TAC Chapter 115, Water Separation	§ 115.137(a)(2) [G]§ 115.132(a)(4)	Any single or multiple compartment VOC water separator which separates materials having a true vapor pressure of VOC < .5 psia obtained from any equipment is exempt from §115.132(a).	[G]§ 115.135(a) § 115.136(a)(1) § 115.136(a)(3) § 115.136(a)(4)	§ 115.136(a)(1) § 115.136(a)(3) § 115.136(a)(4)	None
WWTANK2	EU	R5132-1	VOC	30 TAC Chapter 115, Water Separation	§ 115.137(a)(2) [G]§ 115.132(a)(4)	Any single or multiple compartment VOC water separator which separates materials having a true vapor pressure of VOC < .5 psia obtained from any equipment is exempt from §115.132(a).	[G]§ 115.135(a) § 115.136(a)(1) § 115.136(a)(3) § 115.136(a)(4)	§ 115.136(a)(1) § 115.136(a)(3) § 115.136(a)(4)	None
WWTANK3	EU	R5132-1	VOC	30 TAC Chapter 115, Water Separation	§ 115.137(a)(2) [G]§ 115.132(a)(4)	Any single or multiple compartment VOC water separator which separates materials having a true vapor pressure of VOC < .5 psia obtained from any equipment is exempt from §115.132(a).	[G]§ 115.135(a) § 115.136(a)(1) § 115.136(a)(3) § 115.136(a)(4)	§ 115.136(a)(1) § 115.136(a)(3) § 115.136(a)(4)	None
WWTANK4	EU	R5132-1	VOC	30 TAC Chapter 115, Water Separation	§ 115.137(a)(2) [G]§ 115.132(a)(4)	Any single or multiple compartment VOC water separator which separates materials having a true vapor pressure of VOC < .5 psia obtained from any equipment is exempt from §115.132(a).	[G]§ 115.135(a) § 115.136(a)(1) § 115.136(a)(3) § 115.136(a)(4)	§ 115.136(a)(1) § 115.136(a)(3) § 115.136(a)(4)	None



## **Additional Monitoring Requirements**

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### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 99013	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-2
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: It is a deviation if records of tank specifications that indicate that the tank meets the criteria outlined in the 'Periodic Monitoring Text' below are not maintained.	
Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 99013	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-2
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: N/A	
Deviation Limit: It is a deviation when necessary repairs of the pipe are not completed prior to refilling the storage vessel.	
<p>Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPCLDDGR	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Degreasing Processes	SOP Index No.: R5412-1
Pollutant: VOC	Main Standard: § 115.412(1)
Monitoring Information	
Indicator: Maintain Records	
Minimum Frequency: Monthly	
Averaging Period: N/A	
Deviation Limit: It is a deviation when the cold cleaner is not in compliance with 30 TAC §115.412(1)(A)-(F).	
Periodic Monitoring Text: Inspect equipment and record data quarterly to ensure compliance with §115.412(1)(A)-(F). Any monitoring data which indicates that the cold cleaner is not in compliance with §115.412(1)(A)-(F), except as exempt by §115.411(1) and (2), shall be considered and reported as a deviation.	

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### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
10A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
10A	N/A	40 CFR Part 60, Subpart Kb	Storage tank does not store volatile organic compounds.
11A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
11A	N/A	40 CFR Part 60, Subpart Kb	Storage tank does not store volatile organic compounds.
12A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
12A	N/A	40 CFR Part 60, Subpart Kb	Storage tank does not store volatile organic compounds.
12A-2	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
12A-2	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.
13A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
13A	N/A	40 CFR Part 60, Subpart Kb	Storage tank does not store volatile organic compounds.
14-BLR1	N/A	30 TAC Chapter 112, Sulfur Compounds	Unit does not combust liquid fuel.
14-BLR1	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
14-BLR1	N/A	40 CFR Part 60, Subpart Dc	Maximum design heat input capacity of this unit is less than 10.00 MMBtu/hr.
14A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			compounds.
14A	N/A	40 CFR Part 60, Subpart Kb	Storage tank does not store volatile organic compounds.
16A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
16A	N/A	40 CFR Part 60, Subpart Kb	Storage tank does not store volatile organic compounds.
17A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
17A	N/A	40 CFR Part 60, Subpart Kb	Storage tank does not store volatile organic compounds.
18A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage vessel capacity is less than or equal to 1,000 gallons (3,785L) and vapor pressure is less than 1.5 psia.
18A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.
21A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
21A	N/A	40 CFR Part 60, Subpart Kb	Storage tank does not store volatile organic compounds.
22A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
22A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.
23-1 AMU	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heater is fired by natural gas.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
23-1 AMU	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
23-2 AMU	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heater is fired by natural gas.
23-2 AMU	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
23-3 AMU	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heater is fired by Natural Gas.
23-3 AMU	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
23A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
23A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.
24A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
24A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.
25PNT1	N/A	40 CFR Part 63, Subpart GG	MACT GG does not regulate R & D, quality control or laboratory testing activities.
25SG-2	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
27OVEN1	N/A	30 TAC Chapter 117, Minor Source Combustion	This unit is an oven, not a stationary RICE.
27OVEN1	N/A	30 TAC Chapter 117, Subchapter B	Plant 1 is not a major source of NOX as defined in 30 TAC 117.10.
27OVEN2	N/A	30 TAC Chapter 117, Minor Source Combustion	This unit is an oven, not a stationary RICE
27OVEN2	N/A	30 TAC Chapter 117, Subchapter B	Plant 1 is not a major source of NOX as defined in 30 TAC 117.10



### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
28-CLAVE-1	N/A	30 TAC Chapter 112, Sulfur Compounds	This unit only uses natural gas as a fuel.
28-CLAVE-1	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
29	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
29	N/A	40 CFR Part 60, Subpart Dc	Construction of facility was commenced before 06/09/1989 and heat input capacity is less than 10MMBtu/Hr.
2SPARCELL-BLRA	N/A	30 TAC Chapter 112, Sulfur Compounds	This boiler only uses natural gas as a fuel.
2SPARCELL-BLRA	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
2SPARCELL-BLRA	N/A	40 CFR Part 60, Subpart Dc	Maximum design heat input capacity of this unit is less than 10 MMBtu/hr.
2SPARCELL-BLRB	N/A	30 TAC Chapter 112, Sulfur Compounds	This boiler only uses natural gas as a fuel.
2SPARCELL-BLRB	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
2SPARCELL-BLRB	N/A	40 CFR Part 60, Subpart Dc	Maximum design heat input capacity of this unit is less than 10 MMBtu/hr.
2SPARCELL-BLRC	N/A	30 TAC Chapter 112, Sulfur Compounds	This boiler only uses natural gas as a fuel.
2SPARCELL-BLRC	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
2SPARCELL-BLRC	N/A	40 CFR Part 60, Subpart Dc	Maximum design heat input capacity of this unit is less than 10 MMBtu/hr.
2SPARCELL-BLRD	N/A	30 TAC Chapter 112, Sulfur Compounds	This boiler only uses natural gas as a fuel.
2SPARCELL-BLRD	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
2SPARCELL-BLRD	N/A	40 CFR Part 60, Subpart Dc	Maximum design heat input capacity of this unit is less than 10 MMBtu/hr.
2SPARCELL-BLRE	N/A	30 TAC Chapter 112, Sulfur Compounds	This boiler only uses natural gas as a fuel.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
2SPARCELL-BLRE	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
2SPARCELL-BLRE	N/A	40 CFR Part 60, Subpart Dc	Maximum design heat input capacity of this unit is less than 10.00 MMBtu/hr.
30	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
30	N/A	40 CFR Part 60, Subpart Dc	Construction of facility was commenced before 06/09/1989 and heat input capacity is less than 10MMBtu/Hr.
30-AMU1	N/A	30 TAC Chapter 112, Sulfur Compounds	This unit only uses natural gas as a fuel.
30-AMU1	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
30-AMU2	N/A	30 TAC Chapter 112, Sulfur Compounds	This unit only uses natural gas as fuel.
30-AMU2	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
30-AMU3	N/A	30 TAC Chapter 112, Sulfur Compounds	This unit only uses natural gas as fuel.
30-AMU3	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
30-TRCB-BLR1	N/A	30 TAC Chapter 112, Sulfur Compounds	Boiler only uses natural gas as fuel. Does not combust liquid fuel.
30-TRCB-BLR1	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
30-TRCB-BLR1	N/A	40 CFR Part 60, Subpart Dc	Maximum design heat input capacity of this unit is less than 10.00 MMBtu/hr.
31	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
32	N/A	30 TAC Chapter 117, Commercial	Site not a major source for NOx.
32A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage vessel capacity is less than or equal to 1,000 gallons (3,785L) and vapor pressure is less than 1.5 psia.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
32A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.
35	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heater is fired by Natural Gas.
35	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
36	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heater is fired by Natural Gas.
36	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
36-1	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heater is fired by Natural Gas.
36-1	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
36-2	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heater is fired by Natural Gas.
36-2	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
36-PNT1	N/A	30 TAC Chapter 112, Sulfur Compounds	This unit only uses natural gas as a fuel.
36-PNT1	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
36-PNT2	N/A	30 TAC Chapter 112, Sulfur Compounds	This unit only uses natural gas as a fuel.
36-PNT2	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
36-PNT5	N/A	30 TAC Chapter 112, Sulfur Compounds	This unit only uses natural gas as a fuel.
36-PNT5	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
36-PNT6	N/A	30 TAC Chapter 112, Sulfur Compounds	This unit only uses natural gas as a fuel.
36-PNT6	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
36AB	N/A	30 TAC Chapter 112, Sulfur Compounds	Boiler only uses natural gas as fuel. Does not combust liquid fuel.
36AB	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
36AB	N/A	40 CFR Part 60, Subpart Dc	Maximum design heat input capacity of this unit is less than 10.00 MMBtu/hr.
36Q	N/A	30 TAC Chapter 112, Sulfur Compounds	Boiler only uses natural gas as fuel. Does not combust liquid fuel.
36Q	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
36Q	N/A	40 CFR Part 60, Subpart Dc	Maximum design heat input capacity of this unit is less than 10.00 MMBtu/hr.
36R	N/A	30 TAC Chapter 112, Sulfur Compounds	Boiler only uses natural gas as fuel. Does not combust liquid fuel.
36R	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
36R	N/A	40 CFR Part 60, Subpart Dc	Maximum design heat input capacity of this unit is less than 10.00 MMBtu/hr.
56-ABPRIME-AMU	N/A	30 TAC Chapter 112, Sulfur Compounds	This unit only uses natural gas as fuel. Does not combust liquid fuel.
56-ABPRIME-AMU	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
56-BLR1	N/A	30 TAC Chapter 112, Sulfur Compounds	Unit does not combust liquid fuel.
56-BLR1	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
56-BLR1	N/A	40 CFR Part 60, Subpart Dc	Maximum design heat input capacity of this unit is less than 10.00 MMBtu/hr.
56-BLR2	N/A	30 TAC Chapter 112, Sulfur Compounds	Unit does not combust liquid fuel.
56-BLR2	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
56-BLR2	N/A	40 CFR Part 60, Subpart Dc	Maximum design heat input capacity of this unit is less than 10.00 MMBtu/hr.
61EMERGG1	N/A	30 TAC Chapter 117, Subchapter B	The plant is not a major source of NOx

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			emissions as defined in 30 TAC § 117.10.
61EMERGG2	N/A	30 TAC Chapter 117, Subchapter B	The plant is not a major source of NOx emissions as defined in 30 TAC § 117.10.
7230215	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heater is fired by Natural Gas.
7230215	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source for NOx.
7235302	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heater is fired by Natural Gas.
7235302	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
73	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heater is fired by Natural Gas.
73	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
76	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heater is fired by Natural Gas.
76	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
99014	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.
99014	N/A	40 CFR Part 63, Subpart OO	The emission unit is not subject to any parts of 40 CFR parts 60, 61, or 63 as a control device.
9A-1	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is greater than 75 meters cubic but less than 151 meters cubic storing liquid with a maximum vapor pressure less than 15 kPa.
9A-2	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is greater than 75 meters cubic but less than 151 meters cubic storing liquid with a maximum vapor pressure less than 15 kPa.
9A-3	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is greater than 75 meters cubic but less than 151 meters cubic storing liquid with a maximum vapor pressure less than 15 kPa.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
9A-4	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is greater than 75 meters cubic but less than 151 meters cubic storing liquid with a maximum vapor pressure less than 15 kPa.
B36PRSBLR1	N/A	30 TAC Chapter 112, Sulfur Compounds	The unit uses only natural gas.
B36PRSBLR1	N/A	30 TAC Chapter 117, Subchapter B	The site is not a major source of NOx.
B36PRSBLR1	N/A	40 CFR Part 60, Subpart Dc	In accordance with 60.40c(a), this boiler has a maximum design heat capacity less than 10 million Btu/hr.
B36PRSBLR2	N/A	30 TAC Chapter 112, Sulfur Compounds	The unit uses only natural gas.
B36PRSBLR2	N/A	30 TAC Chapter 117, Subchapter B	The site is not a major source of NOx.
B36PRSBLR2	N/A	40 CFR Part 60, Subpart Dc	In accordance with 60.40c(a), this boiler has a maximum design heat capacity less than 10 million Btu/hr.
BDG36CTA	N/A	40 CFR Part 63, Subpart Q	Cooling tower is not operated with chromium-based water treatment chemicals.
BDG36CTB	N/A	40 CFR Part 63, Subpart Q	Cooling tower is not operated with chromium-based water treatment chemicals.
BDG36CTC	N/A	40 CFR Part 63, Subpart Q	Cooling tower is not operated with chromium-based water treatment chemicals.
BLDG26CT	N/A	40 CFR Part 63, Subpart Q	Cooling tower is not operated with chromium-based water treatment chemicals.
BLDG2CTA	N/A	40 CFR Part 63, Subpart Q	Cooling tower is not operated with chromium-based water treatment chemicals.
BLDG2CTB	N/A	40 CFR Part 63, Subpart Q	Cooling tower is not operated with chromium-based water treatment chemicals.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
BLDG2CTC	N/A	40 CFR Part 63, Subpart Q	Cooling tower is not operated with chromium-based water treatment chemicals.
BLDG2CTD	N/A	40 CFR Part 63, Subpart Q	Cooling tower is not operated with chromium-based water treatment chemicals.
BLDG2CTE	N/A	40 CFR Part 63, Subpart Q	Cooling tower is not operated with chromium-based water treatment chemicals.
BLDG2CTF	N/A	40 CFR Part 63, Subpart Q	Cooling tower is not operated with chromium-based water treatment chemicals.
BLDG30 CT1	N/A	40 CFR Part 63, Subpart Q	Cooling tower does not use compounds containing chromium.
DO65FINAL	N/A	30 TAC Chapter 112, Sulfur Compounds	The unit uses only natural gas.
DO65FINAL	N/A	30 TAC Chapter 117, Subchapter B	This source is not a major source of Nitrogen Oxides.
DO65NORTH	N/A	30 TAC Chapter 112, Sulfur Compounds	The unit uses only natural gas.
DO65NORTH	N/A	30 TAC Chapter 117, Subchapter B	This source is not a major source of Nitrogen Oxides.
DO65SOUTH	N/A	30 TAC Chapter 112, Sulfur Compounds	The unit uses only natural gas.
DO65SOUTH	N/A	30 TAC Chapter 117, Subchapter B	This source is not a major source of Nitrogen Oxides.
GRPCLDDGR	CD B12-1, CD B12-2, CD B12-3, CD B2-1, CD B20-1, CD B24-1, CD B27-1, CD B29-1, CD B29-2, CD B36-1	40 CFR Part 63, Subpart T	This unit does not use any halogenated HAP solvent.
PRO 19-1	N/A	30 TAC Chapter 115, Surface Coating Operations	Research and development activities are exempt from Reg V requirements.
PRO 19-1	N/A	40 CFR Part 63, Subpart GG	Research and development activities are

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			exempt from Subpart GG.
PRO1	N/A	30 TAC Chapter 115, Surface Coating Operations	Research and development activities are exempt from hand wipe cleaning requirements.
PRO1	N/A	40 CFR Part 63, Subpart GG	Research and development activities are exempt from hand wipe cleaning requirements.
PRO13	N/A	40 CFR Part 63, Subpart GG	This operation is cleaning and surface coating of tools. Aircraft part are not cleaned or coated in this operation.
PRO14	N/A	40 CFR Part 63, Subpart GG	40 CFR, Subpart GG does not apply as the facility is not an affected facility.
PROB29PNT1	N/A	30 TAC Chapter 115, Surface Coating Operations	Research and development activities are exempt from 30 TAC Chapter 115 requirements.
PROB29PNT1	N/A	40 CFR Part 63, Subpart GG	Research and development activities are exempt from 40 CFR 63 Subpart GG
PROB29PNT2	N/A	30 TAC Chapter 115, Surface Coating Operations	Research and development activities are exempt from Reg V requirements.
PROB29PNT2	N/A	40 CFR Part 63, Subpart GG	Research and development activities are exempt from 40 CFR 63 Subpart GG.
PROB29PNT2	N/A	40 CFR Part 63, Subpart GG	Research and development activities are exempt from hand wipe cleaning requirements.
PROB29PNT3	N/A	30 TAC Chapter 115, Surface Coating Operations	In accordance with 115.427(a)(3)(J), cleaning and coating of electronic parts and assemblies is exempt from this division.
PROB29PNT3	N/A	40 CFR Part 63, Subpart GG	In accordance with 63.471(f), this subpart does not regulate electronic parts and assemblies.



### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
PROB43-PNT	N/A	30 TAC Chapter 115, Surface Coating Operations	In accordance with 115.427(a)(3)(J), cleaning and coating of electronic parts and assemblies is exempt from this division.
PROB43-PNT	N/A	40 CFR Part 63, Subpart GG	Aerosols exempt from inorganic HAP control requirements.
PROK-1	N/A	30 TAC Chapter 112, Sulfur Compounds	The facility does not fire liquid fuel.
S1	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
S1	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.
S2	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
S2	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.
WWTANK1	N/A	30 TAC Chapter 115, Storage of VOCs	Storage vessel capacity is less than or equal to 1,000 gallons (3,785L).
WWTANK1	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.
WWTANK2	N/A	30 TAC Chapter 115, Storage of VOCs	Storage vessel capacity is less than or equal to 1,000 gallons (3,785L).
WWTANK2	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.
WWTANK3	N/A	30 TAC Chapter 115, Storage of VOCs	Storage vessel capacity is less than or equal to 1,000 gallons (3,785L).

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
WWTANK3	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.
WWTANK4	N/A	30 TAC Chapter 115, Storage of VOCs	Storage vessel capacity is less than or equal to 1,000 gallons (3,785L).
WWTANK4	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.

**New Source Review Authorization References**

<b>New Source Review Authorization References .....</b>	<b>112</b>
<b>New Source Review Authorization References by Emission Unit .....</b>	<b>114</b>

### New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

<b>Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.</b>	
Authorization No.: 18514	Issuance Date: 04/01/2024
<b>Permits By Rule (30 TAC Chapter 106) for the Application Area</b>	
Number: 5	Version No./Date: 05/05/1976
Number: 7	Version No./Date: 04/04/1975
Number: 7	Version No./Date: 01/08/1980
Number: 7	Version No./Date: 11/25/1985
Number: 7	Version No./Date: 11/05/1986
Number: 8	Version No./Date: 05/08/1972
Number: 8	Version No./Date: 04/04/1975
Number: 8	Version No./Date: 01/08/1980
Number: 8	Version No./Date: 09/23/1982
Number: 8	Version No./Date: 08/30/1988
Number: 9	Version No./Date: 05/08/1972
Number: 15	Version No./Date: 09/17/1973
Number: 34	Version No./Date: 03/15/1985
Number: 58	Version No./Date: 09/23/1982
Number: 60	Version No./Date: 05/08/1972
Number: 61	Version No./Date: 03/15/1985
Number: 69	Version No./Date: 09/17/1973
Number: 69	Version No./Date: 05/05/1976
Number: 89	Version No./Date: 04/04/1975
Number: 89	Version No./Date: 09/23/1982
Number: 101	Version No./Date: 03/15/1985
Number: 101	Version No./Date: 09/12/1989
Number: 106	Version No./Date: 08/30/1988
Number: 106	Version No./Date: 04/05/1995
Number: 106.102	Version No./Date: 09/04/2000
Number: 106.122	Version No./Date: 09/04/2000
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.227	Version No./Date: 09/04/2000
Number: 106.231	Version No./Date: 09/04/2000

### New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Number: 106.261	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 09/04/2000
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.265	Version No./Date: 09/04/2000
Number: 106.316	Version No./Date: 09/04/2000
Number: 106.317	Version No./Date: 09/04/2000
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.372	Version No./Date: 09/04/2000
Number: 106.373	Version No./Date: 09/04/2000
Number: 106.375	Version No./Date: 09/04/2000
Number: 106.392	Version No./Date: 09/04/2000
Number: 106.412	Version No./Date: 09/04/2000
Number: 106.432	Version No./Date: 09/04/2000
Number: 106.433	Version No./Date: 03/14/1997
Number: 106.433	Version No./Date: 09/04/2000
Number: 106.451	Version No./Date: 09/04/2000
Number: 106.452	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 11/01/2001
Number: 106.471	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.532	Version No./Date: 09/04/2000
Number: 107	Version No./Date: 09/12/1989
Number: 118	Version No./Date: 08/30/1988
Number: 118	Version No./Date: 04/05/1995
Number: 119	Version No./Date: 05/12/1981

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
10A	MAGNESIUM HYDRODIDE STORAGE TANK	69/05/05/1976
11A	CLARIFIER STORAGE TANK	69/05/05/1976
12A	SULFURIC ACID STORAGE TANK	15/09/17/1973
12A-2	SULFURIC ACID STORAGE TANK	15/09/17/1973
13A	CAUSTIC STORAGE TANK	69/09/17/1973
14-BLR1	AERO BENCHMARK SERIES BOILER	106.183/09/04/2000
14A	LAGOON	69/05/05/1976
16A	THICKENER STORAGE TANK	69/05/05/1976
17A	TANK 4 IN GROUND TREATMENT	61/03/15/1985
18A	EMERGENCY DIESEL TANK	60/05/08/1972
21A	LIQUID NITROGEN TANK	101/09/12/1989
22A	LIQUID NITROGEN TANK	101/03/15/1985
23-1 AMU	HELICOPTER PAINT SHOP	18514
23-2 AMU	HELICOPTER PAINT SHOP	18514
23-3 AMU	HELICOPTER PAINT SHOP	18514
23A	LIQUID NITROGEN TANK	101/03/15/1985
24A	LIQUID NITROGEN TANK	119/05/12/1981
25PNT1	R & D PAINT BOOTH	106.433/09/04/2000
25SG-2	EMERGENCY GENERATOR	5/05/05/1976
27FLUSH	BUILDING 27 PATCH TEST FLUSH BOOTH	18514
27OVEN1	DRYING OVEN FOR 27PB1	18514

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
27OVEN2	DRYING OVEN FOR 27PB1	18514
27OVEN3	MAIN CURE OVEN • CURE	106.183/09/04/2000 [167705]
27OVEN4	LOW TEMP CURE OVEN - CURE	106.183/09/04/2000 [167705]
27PB1	PAINT BOOTH & WIPE SOLVENTS: 40 CFR 63GG	18514
27PB2	PAINT & FLUSH BOOTH & WIPE SOLVENTS	18514
27PB3	BLADE PAINT BOOTH & CURE	106.433/09/04/2000 [167705]
27PB4	TOUCH UP BOOTH & CURE	106.433/09/04/2000 [167705]
27PK1EXH	PAINT MIXING KITCHEN PROCESS VENT	18514
28-CLAVE-1	AUTOCLAVE BLDG. 28	106.183/09/04/2000
29	EAST KEWANEE BOILER	8/05/08/1972
2SPARCELL-BLRA	BOILER WITH LOW NOX BURNERS	106.183/09/04/2000
2SPARCELL-BLRB	BOILER WITH LOW NOX BURNERS	106.183/09/04/2000
2SPARCELL-BLRC	BOILER WITH LOW NOX BURNERS	106.183/09/04/2000
2SPARCELL-BLRD	BOILER WITH LOW NOX BURNERS	106.183/09/04/2000
2SPARCELL-BLRE	BOILER WITH LOW NOX BURNERS	106.183/09/04/2000
30	WEST KEWANEE BOILER	8/05/08/1972
30-AMU1	MAKE UP AIR UNIT	106.183/09/04/2000
30-AMU2	MAKE UP AIR UNIT	106.183/09/04/2000
30-AMU3	MAKE UP AIR UNIT	106.183/09/04/2000
30-TRCB-BLR1	TAIL ROTOR CELL BOILER	106.183/09/04/2000
31	VECTOR POWER FLAME BOILER NORTH UNIVERSAL BOILER	106.183/09/04/2000

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
32	VECTOR POWER FLAME BOILER SOUTH UNIVERSAL BOILER	106.183/09/04/2000
32A	EMERGENCY DIESEL TANK	58/09/23/1982
35	GAS AUTOCLAVE "C"	7/04/04/1975
36	GAS AUTOCLAVE "A"	7/04/04/1975
36-1	GAS AUTOCLAVE	106.183/09/04/2000
36-1A	VACUUM PUMP	106.261/09/04/2000, 106.262/09/04/2000
36-2	GAS AUTOCLAVE	106.183/09/04/2000
36-2A	VACUUM PUMP	106.261/09/04/2000, 106.262/09/04/2000
36-PNT1	MAKE UP AIR HANDLING UNIT	106.183/09/04/2000
36-PNT2	MAKE UP AIR HANDLING UNIT	106.183/09/04/2000
36-PNT3	CURING DRYING OVEN	106.183/09/04/2000
36-PNT4	CURING DRYING OVEN	106.183/09/04/2000
36-PNT5	DRYING/CURING OVEN	106.183/09/04/2000
36-PNT6	DRYING/CURING OVEN	106.183/09/04/2000
36-PNT7	COMPOSITES SHOP PAINT BOOTH EXHAUST	106.433/09/04/2000
36-PNT8	WING TIP PAINT BOOTH EXHAUST	106.433/09/04/2000
36AB	GAS TECH BOILER	106.183/09/04/2000
36Q	GAS TECH BOILER	106.183/09/04/2000
36R	GAS TECH BOILER	106.183/09/04/2000
4943	R&D VENT HOOD	34/03/15/1985
56-ABPRIME-AMU	BLDG 56 ADHESIVE BONDING PRIMER PAINT BOOTH	106.183/09/04/2000



### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
56-ABPRIME-PNT	BLDG 56 ADHESIVE BONDING PRIMER PAINT BOOTH	106.433/09/04/2000
56-BLR1	BLDG. 56 ETCH LINE, HURST 500 SERIES BOILER	106.183/09/04/2000
56-BLR2	BLDG 56 ETCH LINE, HURST SERIES 500 BOILER	106.183/09/04/2000
61EMERGG1	61EMERGG1	106.511/09/04/2000
61EMERGG2	61EMERGG2	106.511/09/04/2000
7230215	GAS OSI OVEN	7/11/25/1985
7235302	GAS AUTOCLAVE	106.183/09/04/2000
7235302A	VACUUM PUMP	106.261/09/04/2000
73	GAS AUTOCLAVE "60" V-22	7/11/05/1986
76	GAS AUTOCLAVE (8') (R&D)	8/05/08/1972
97-010	PAINT MIX ROOM VENT SYSTEM	18514
97-011	PAINT MIX ROOM VENT SYSTEM	18514
97-012	PAINT MIX ROOM VENT SYSTEM	18514
99005	VACUUM PUMP	106/08/30/1988, 118/08/30/1988
99006	VACUUM PUMP	106/08/30/1988, 118/08/30/1988
99007	VACUUM PUMP	106/08/30/1988, 118/08/30/1988
99008	VACUUM PUMP	106/08/30/1988, 118/08/30/1988
99013	UNLEADED GASOLINE TANK	106.472/09/04/2000
99014	DIESEL STORAGE TANK	106.472/09/04/2000
99015	VACUUM PUMP	106/08/30/1988, 118/08/30/1988
99016	VACUUM PUMP	106/04/05/1995, 118/04/05/1995

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
99017	VACUUM PUMP	106.261/09/04/2000, 106.262/09/04/2000
99018	VACUUM PUMP	106.261/09/04/2000, 106.262/09/04/2000
99019	VACUUM PUMP	106.261/09/04/2000, 106.262/09/04/2000
99020	VACUUM PUMP	106/08/30/1988, 118/08/30/1988
99022	VACUUM PUMP	106/08/30/1988, 118/08/30/1988
9A-1	WASTEWATER TREATMENT FACILITY ABOVEGROUND STORAGE	61/03/15/1985
9A-2	WASTEWATER TREATMENT FACILITY ABOVEGROUND STORAGE	61/03/15/1985
9A-3	WASTEWATER TREATMENT FACILITY ABOVEGROUND STORAGE	61/03/15/1985
9A-4	WASTEWATER TREATMENT FACILITY ABOVEGROUND STORAGE	61/03/15/1985
B36PRSBLR1	BUILDING 36 BONDING PRESS BOILER 1	106.183/09/04/2000
B36PRSBLR2	BUILDING 36 BONDING PRESS BOILER 2	106.183/09/04/2000
BDG36CTA	BUILDING 36 COOLING TOWER A	8/01/08/1980
BDG36CTB	BUILDING 36 COOLING TOWER B	106.371/09/04/2000
BDG36CTC	BUILDING 36 COOLING TOWER C	106.371/09/04/2000
BLD36VP1	VACUUM PUMP	106.261/09/04/2000, 106.262/09/04/2000
BLD36VP2	VACUUM PUMP	106.261/09/04/2000, 106.262/09/04/2000
BLD36VPF	VACUUM PUMP	106.261/09/04/2000, 106.262/09/04/2000
BLD36VPG	VACUUM PUMP	106.261/09/04/2000, 106.262/09/04/2000
BLDG2-CLAVEVP	AUTOCLAVE BLDG 2, DEPT 38, AUTOCLAVE VACUUM PUMP	106.261/09/04/2000, 106.262/09/04/2000
BLDG26CT	BUILDING 26 COOLING TOWER	106.371/09/04/2000
BLDG28-CLAVEVP	AUTOCLAVE BLDG 30 VACUUM PUMP	106.261/09/04/2000, 106.262/09/04/2000

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
BLDG2CTA	BUILDING 2 COOLING TOWER A	106.371/09/04/2000
BLDG2CTB	BUILDING 2 COOLING TOWER B	8/08/30/1988
BLDG2CTC	BUILDING 2 COOLING TOWER C	8/04/04/1975
BLDG2CTD	BUILDING 2 COOLING TOWER D	9/05/08/1972
BLDG2CTE	BUILDING 2 COOLING TOWER E	9/05/08/1972
BLDG2CTF	BUILDING 2 COOLING TOWER F	8/09/23/1982
BLDG30 CT1	BLDG 30, COOLING TOWER	106.371/09/04/2000
BLDG30-CLAVEVP	AUTOCLAVE BLDG 30 VACUUM PUMP	106.261/09/04/2000, 106.262/09/04/2000
BLDG36PRSBLR1	BUILDING 36 BONDING PRESS BOILER 1	106.183/09/04/2000
BLDG36PRSBLR2	BUILDING 36 BONDING PRESS BOILER 2	106.183/09/04/2000
CD B12-1	BUILDING 12 COLD DEGREASER	107/09/12/1989
CD B12-2	BUILDING 12 COLD DEGREASER 2	107/09/12/1989
CD B12-3	BUILDING 12 COLD DEGREASER 3	107/09/12/1989
CD B2-1	BUILDING 2 COLD DEGREASER	106.454/11/01/2001
CD B20-1	BUILDING 20 COLD DEGREASER	107/09/12/1989
CD B24-1	BUILDING 24 COLD DEGREASER	107/09/12/1989
CD B27-1	SOLVENT DEGREASING UNITS	106.454/11/01/2001
CD B29-1	BUILDING 29 COLD DEGREASER	107/09/12/1989
CD B29-2	BUILDING 29 COLD DEGREASER 2	107/09/12/1989
CD B36-1	BUILDING 36 COLD DEGREASER	107/09/12/1989
CD B5-1	BUILDING 5 COLD DEGREASER	106.454/11/01/2001

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
DO65FINAL	BLADE SHOP CURE OVEN	18514
DO65NORTH	BLADE SHOP NORTH OVEN	18514
DO65SOUTH	BLADE SHOP SOUTH OVEN	18514
PRO 19-1	R AND D LAB SPRAY BOOTH	18514
PRO1	ENGINEERING LAB PAINT BOOTH	89/04/04/1975
PRO10	ROTOR TOUCH UP BOOTH	18514
PRO13	LOFT TOOLING SPRAY BOOTH	18514
PRO14	MAINTENANCE PAINT BOOTH	18514
PRO21	ADHESIVE PRIME PAINT BOOTH	18514
PRO23-3	HELICOPTER PAINT SHOP	18514
PRO26	SUB ASSEMBLY PAINT BOOTH	18514
PRO99024	HAND WIPE CLEANING	106/04/05/1995, 118/04/05/1995
PROB29PNT1	BENCH TOP BUILDING 29 PAINT BOOTH	89/04/04/1975
PROB29PNT2	BENCH TOP BUILDING 29 PAINT BOOTH	89/09/23/1982
PROB29PNT3	BUILDING 29 CONFORMAL COAT	106.433/09/04/2000
PROB43-PNT	BUILDING 43 PAINT BOOTH	106.433/03/14/1997, 106.433/09/04/2000
PROK-1	KPR-1 ROTOR BLADES PAINT BOOTH	18514
PROPLT1FUG	CLEANING/DEPAINTING OPERATION ATTRIBUTES	106.183/09/04/2000
S1	EFFLUENT TANK	61/03/15/1985
S2	EFFLUENT TANK	61/03/15/1985
WWTANK1	OIL/WATER SEPARATOR TANK	106.532/09/04/2000

### **New Source Review Authorization References by Emissions Unit**

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

<b>Unit/Group/Process ID No.</b>	<b>Emission Unit Name/Description</b>	<b>New Source Review Authorization**</b>
WWTANK2	OIL/WATER SEPARATOR TANK	106.532/09/04/2000
WWTANK3	OIL/WATER SEPARATOR TANK	106.532/09/04/2000
WWTANK4	OIL/WATER SEPARATOR TANK	106.532/09/04/2000

\*\*This column may include Permit by Rule (PBR) numbers and version dates, PBR Registration numbers in brackets, Standard Permit Registration numbers, Minor NSR permit numbers, and Major NSR permit numbers.

**Alternative Requirement**

**Alternative Requirement..... 123**

Robert J. Huston, *Chairman*  
R. B. "Ralph" Marquez, *Commissioner*  
John M. Baker, *Commissioner*  
Jeffrey A. Saitas, *Executive Director*



## TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

*Protecting Texas by Reducing and Preventing Pollution*

May 15, 2002

Mr. Joe Downing  
Manager of Environmental Compliance  
Bell Helicopter Textron Incorporated  
P.O. Box 482  
Fort Worth, Texas 76101

Subject: Alternative Recordkeeping under Title 40 Code of Federal Regulations Part 60 (40 CFR 60), Subpart Dc, Bell Helicopter Textron Incorporated (BHTI), Hurst Texas Facility, Account No. TA-0054-T

Dear Mr. Downing:

This is in response to your request dated February 22, 2002 concerning alternate recordkeeping requirements for two boilers subject to 40 CFR 60, Subpart Dc. The two boilers (FIN: FC15744, EPN: 31 and FIN: 15795, EPN: 32) fire natural gas. Each has a heat input of 21 MMBtu/hr. We are please to inform you that your request is approved.

The U. S. Environmental Protection Agency (EPA) has made previous determinations on similar requests as allowed under 40 CFR 60, Section 60.13(i). In a letter from EPA Region 7 to Kansas Department of Health and Environment (KDHE) dated June 13, 1997, EPA authorized the approval of such requests by the KDHE. The letter specifically indicated that daily fuel usage recordkeeping requirements specified in 40 CFR 60, Section 60.48c(g) may be reduced to monthly for boilers which fire natural gas or low sulfur content fuel oil. We believe that same determination shall apply to the two boilers at BHTI. Therefore, the fuel usage records may be kept on a monthly basis provided the company notifies the Texas Natural Resource Conservation Commission (TNRCC), DFW Regional Office, and EPA Region 6 within 30 days of any anticipated and actual switches in fuel use.

Mr. Joe Downing  
Page 2  
May 15, 2002

By copy of this letter, we are informing EPA of our determination on this request.

If you have any questions about this letter, please feel free to contact me at the letterhead address, MC-171, or at (512) 239-1823.

Sincerely,

A handwritten signature in cursive script that reads "Jean Shaw".

Jean Shaw, P.E.  
Engineering Services Team  
Enforcement Division

JS/kh

cc: Ms. Donna Ascenzi, Chief, Air Enforcement Branch, U. S. Environmental Protection Agency, Region 6, Dallas



**Appendix A**

**Acronym List ..... 126**

## Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM	actual cubic feet per minute
AMOC	alternate means of control
ARP	Acid Rain Program
ASTM	American Society of Testing and Materials
B/PA	Beaumont/Port Arthur (nonattainment area)
CAM	Compliance Assurance Monitoring
CD	control device
CEMS	continuous emissions monitoring system
CFR	Code of Federal Regulations
COMS	continuous opacity monitoring system
CVS	closed vent system
D/FW	Dallas/Fort Worth (nonattainment area)
EP	emission point
EPA	U.S. Environmental Protection Agency
EU	emission unit
FCAA Amendments	Federal Clean Air Act Amendments
FOP	federal operating permit
gr/100 scf	grains per 100 standard cubic feet
HAP	hazardous air pollutant
H/G/B	Houston/Galveston/Brazoria (nonattainment area)
H <sub>2</sub> S	hydrogen sulfide
ID No.	identification number
lb/hr	pound(s) per hour
MACT	Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr	Million British thermal units per hour
NA	nonattainment
N/A	not applicable
NADB	National Allowance Data Base
NESHAP	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO <sub>x</sub>	nitrogen oxides
NSPS	New Source Performance Standard (40 CFR Part 60)
NSR	New Source Review
ORIS	Office of Regulatory Information Systems
Pb	lead
PBR	Permit By Rule
PEMS	predictive emissions monitoring system
PM	particulate matter
ppmv	parts per million by volume
PRO	process unit
PSD	prevention of significant deterioration
psia	pounds per square inch absolute
SIP	state implementation plan
SO <sub>2</sub>	sulfur dioxide
TCEQ	Texas Commission on Environmental Quality
TSP	total suspended particulate
TVP	true vapor pressure
U.S.C.	United States Code
VOC	volatile organic compound

**Form OP-PBRSUP - Instructions**  
**Permits By Rule Supplemental Table**  
**Texas Commission on Environmental Quality**

**General:**

The form is used to provide supplemental information for all Permits by Rule (PBRs) that authorize emission units for a site (or area) subject to the requirements of the Federal Operating Permit (FOP) Program. For emission units identified on Form OP-SUM or Form OP-SUMR, the PBR registration number identified in Section A must also be included on Form OP-SUM or Form OP-SUMR.

The Texas Commission on Environmental Quality (TCEQ) regulated entity reference number (RNXXXXXXXXXX), if assigned, and the application area name from Form OP-1 (Site Information Summary) must appear on the header of each page for purposes of identification for the initial submittal. The date of the initial submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). The date on each table should be revised with any updated submittal provided during the review process. Leave the permit number blank only if the initial form submittal accompanies an initial application. If this form is included as part of the permit renewal or revision process, enter the FOP permit number assigned by the TCEQ, the area name from Form OP-1, the date of the renewal or revision submittal, and the regulated entity reference number. The form OP-PBRSUP should be submitted for any PBR authorization updates with each revision and renewal application.

The TCEQ requires that a Core Data Form be submitted on all incoming applications/registrations unless a regulated entity reference number and customer reference number have been issued by the TCEQ and no core data information has changed. If a regulated entity reference number or customer reference number has been issued, then the number must be noted on the request or applicable form. For more information regarding the Core Data Form, call (512) 239-5175 or go to the TCEQ website at: [www.tceq.texas.gov/permitting/central\\_registry/guidance.html](http://www.tceq.texas.gov/permitting/central_registry/guidance.html)

**Specific:**

Permits by Rule (30 TAC Chapter 106) for the Application Area

**Emission units authorized under the following PBRs and any corresponding historical (pre-March 1997) SEs are required to be listed in sections A, B, and D:**

PBR No.	Name or Subject	PBR No.	Name or Subject
106.124	Pilot Plants	106.373	Refrigeration Systems
106.142	Rock Crushers	106.374	Lime Slaking
106.144	Bulk Mineral Handling	106.375	Aqueous Electrolytic
106.145	Bulk Sand Handling	106.376	Decorative Chrome Plating
106.146	Soil Stabilization Plants	106.392	Thermoset Resin
106.147	Asphalt Concrete Plants	106.393	Convey/Storage Plastic/Rubber
106.150	Asphalt Silos	106.395	Plastic/Rubber Mix (No Solvent)
106.181	Used Oil Combustion Units	106.396	Plastic Rubber Mix (Solvent)
106.182	Ceramic Kilns	106.411	Steam or Dry Cleaning Equipment
106.183	Boilers, Heaters, and Other Combustion Units	106.412	Fuel Dispensing
106.221	Extrusion Presses	106.416	Uranium Recovery

PBR No.	Name or Subject	PBR No.	Name or Subject
106.223	Sawmills	106.417	Ethylene Oxide Sterilizers
106.224	Aerospace	106.418	Printing Presses
106.225	Semiconductor	106.419	Photographic Process Equipment
106.226	Coating Manufacturing	106.433	Surface Coat
106.227	Soldering, Brazing, Welding	106.434	Powder Coating Facility
106.231	Wood Products	106.435	Classic or Antique Auto Restoration Facility
106.245	Ethyl Alcohol Facilities	106.436	Auto Body Refinishing
106.261	Facility; Emission Limits	106.452	Dry Abrasive Cleaning
106.262	Facility; Emission/Distance	106.454	Degreasing
106.263	Repairs and Maintenance	106.472	Organic/Inorganic Liquid Loading and Unloading
106.264	Replacements of Facilities	106.473	Organic Liquid Loading and Unloading
106.265	Hand-Held/Manually Operated Machines	106.474	Hydrochloric Acid Storage
106.281	Feed Milling	106.475	Pressure Tank or Vent to Firebox
106.283	Grain Handling	106.476	Pressure Tank or Vent to Control
106.311	Crucible or Pot Furnace	106.477	Anhydrous NH <sub>3</sub> Storage
106.314	Shell Core and Mold Machines	106.478	Storage Tank and Change Service
106.315	Sand or Investment Molds	106.491	Dual Chamber Incinerators
106.320	Miscellaneous Metallic Treatment	106.492	Flares
106.321	Metal Melting and Holding Furnace	106.493	Direct Flame Incinerators
106.322	Furnace to Reclaim Aluminum or Copper	106.494	Pathological Waste Incinerators
106.332	Chlorine Repackaging	106.495	Heat Cleaning Devices
106.351	Salt Water Disposal	106.496	Air Curtain Incinerators
106.352	Oil and Gas Production	106.511	Portable and Emergency Engines and Turbines

PBR No.	Name or Subject	PBR No.	Name or Subject
106.353	Temporary Oil and Gas Facilities	106.512	Stationary Engines and Turbines
106.354	Iron Sponge Gas-Treating Unit	106.513	Natural Gas-Fired Combined Heat and Power Units
106.355	Pipeline Metering, Purging, and Maintenance	106.532	Water/Wastewater Treatment
106.359	Planned Maintenance, Startup, and Shutdown (MSS) at Oil and Gas Handling and Production Facilities	106.533	Water and Soil Remediation
106.371	Cooling Water Units	106.534	Municipal Solid Waste Landfills and Transfer Stations

**A. Registered Permits by Rule (30 TAC Chapter 106) for the Application Area**

This section provides all PBR authorized emission units for the application area that require registration with the TCEQ.

**Unit ID No.:**

Enter the identification number (ID No.) for the emission unit authorized by the registered PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

**Registration No.:**

Enter the registration number provided by TCEQ upon authorization.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Registration Date:**

Enter the date (MM/DD/YYYY) the authorization was issued to the site. This is the date of the PBR authorization letter.

**B. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**

This section provides all PBR authorized emission units for the application area that are claimed (and not registered).

**Unit ID No.:**

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Version No./Date:**

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

**C. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area**

This section provides all PBR authorizations for the application area that are not identified in the table above and are considered insignificant sources.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Version No./Date:**

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

**D. Monitoring Requirements for registered and claimed PBRs for the Application Area**

This section provides the monitoring and/or record keeping requirements sufficient to demonstrate compliance for the registered and claimed PBRs identified in sections A and B.

**Unit ID No.:**

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Version No./Date:**

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

**Monitoring Requirement:**

Provide the monitoring and/or record keeping requirements used to demonstrate compliance with the applicable PBR conditions, general requirements of 30 TAC §106.4 or general requirements (if any) in effect at the time of the claim, and any certified registration of emission limits as applicable for the emission units. The specificity of the monitoring and/or recordkeeping requirements is required to be consistent with the [Periodic Monitoring Guidance](#) and include the following:

- Identify one or more indicators of emission control performance for the control device, or the parameter to be monitored if a control device is not utilized. Indicators may include, but are not limited to, direct or predicted emissions (including visible emissions or opacity), control device parameters, process parameters which are correlated to an emission rate through performance testing or AP-42 emission factors, or recorded finding of inspection and maintenance activities conducted by the owner or operator.
- Identify the frequency of conducting the monitoring. The monitoring frequencies should be consistent with the minimum monitoring frequency found in the applicable PM guidance document. For example, control device parameters may be monitored once per week.
- If applicable, identify the period over which discrete data points will be averaged.

**Permit By Rule Supplemental Table (Page 1)**  
**Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

Unit ID No.	Registration No.	PBR No.	Registration Date
27PB3	167705	106.433	3/2/2022
27PB4	167705	106.433	3/2/2022
27OVEN3	167705	106.183	3/2/2022
27OVEN4	167705	106.183	3/2/2022

**Permit By Rule Supplemental Table (Page 2)**  
**Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

Unit ID No.	PBR No.	Version No./Date
Hand Operated Drills, Grinders, CNC, Mills, Sanders Etc.	106.265	9/4/2000
Hand Brazing & Soldering Equipment	106.227	9/4/2000
Dry Abrasive Blasting: Aluminum Oxide	106.452	9/4/2000
Dry Abrasive Blasting: Garnet	106.452	9/4/2000
Dry Abrasive Blasting: Steel Shot	106.452	9/4/2000
Dry Abrasive Blasting: Soda	106.452	9/4/2000
Dry Abrasive Blasting: Dry Ice	106.452	9/4/2000
CD B2-1	106.454	11/1/2001
CD B27-1	106.454	11/1/2001
CD B5-1	106.454	11/1/2001



**Permit By Rule Supplemental Table (Page 3)**  
**Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

PBR No.	Version No./Date
SE5	5/5/1976
SE7	4/4/1975
SE7	1/8/1980
SE7	11/25/1985
SE7	11/5/1986
SE8	4/4/1975
SE8	1/8/1980
SE8	9/23/1982
SE8	8/30/1988
SE15	9/17/1973

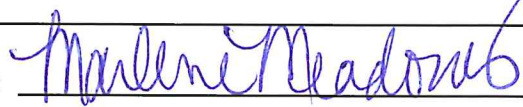
**Permit By Rule Supplemental Table (Page 4)**  
**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
Hand Operated Drills, Grinders, CNC, Mills, Sanders Etc.	106.265	9/4/2000	30 TAC 106.4/106.8; monitored for opacity quarterly
Hand Brazing & Soldering Equipment	106.227	9/4/2000	30 TAC 106.4/106.8; monitored for opacity quarterly
Dry Abrasive Blasting: Aluminum Oxide	106.452	9/4/2000	30 TAC 106.4/106.8; monitored for Opacity Quarterly
Dry Abrasive Blasting: Garnet	106.452	9/4/2000	30 TAC 106.4/106.8; monitored for Opacity Quarterly
Dry Abrasive Blasting: Steel Shot	106.452	9/4/2000	30 TAC 106.4/106.8; monitored for Opacity Quarterly
Dry Abrasive Blasting: Soda	106.452	9/4/2000	30 TAC 106.4/106.8; monitored for Opacity Quarterly
Dry Abrasive Blasting: Dry Ice	106.452	9/4/2000	30 TAC 106.4/106.8; monitored for Opacity Quarterly
CD B2-1	106.454	11/1/2001	30 TAC 106.4/106.8; . quarterly inspection per Title V requirements; meets 106.454 operating requirements
CD B27-1	106.454	11/1/2001	30 TAC 106.4/106.8; . quarterly inspection per Title V requirements; meets 106.454 operating requirements
CD B5-1	106.454	11/1/2001	30 TAC 106.4/106.8; . quarterly inspection per Title V requirements; meets 106.454 operating requirements

**Form OP-CRO1**  
**Certification by Responsible Official**  
**Federal Operating Permit Program**

All initial permit application, revision, renewal, and reopening submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

<b>I. Identifying Information</b>					
RN: 100222488		CN: 600131155		Account No.: TA0054T	
Permit No.: O-01631			Project No.: 37188		
Area Name: Bell Plant 1			Company Name: Bell Textron Inc.		
<b>II. Certification Type</b> <i>(Please mark the appropriate box)</i>					
<input checked="" type="checkbox"/> Responsible Official			<input type="checkbox"/> Duly Authorized Representative		
<b>III. Submittal Type</b> <i>(Please mark the appropriate box) (Only one response can be accepted per form)</i>					
<input type="checkbox"/> SOP/TOP Initial Permit Application		<input type="checkbox"/> Update to Permit Application			
<input type="checkbox"/> GOP Initial Permit Application		<input checked="" type="checkbox"/> Permit Revision, Renewal, or Reopening			
<input type="checkbox"/> Other: _____					
<b>IV. Certification of Truth</b>					
<b>This certification does not extend to information which is designated by the TCEQ as information for reference only.</b>					
I, <u>Marlene Meadows</u> certify that I am the <u>RO</u> <div style="text-align: center;"><i>(Certifier Name printed or typed)</i> <span style="margin-left: 100px;"><i>(RO or DAR)</i></span></div>					
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:					
<i>Note: Enter Either a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i>					
Time Period: From <u>09/09/2024</u> to <u>02/25/2025</u> <div style="text-align: center;"><i>Start Date</i> <span style="margin-left: 150px;"><i>End Date</i></span></div>					
Specific Dates: _____ <div style="text-align: center;"><i>Date 1</i> <span style="margin-left: 50px;"><i>Date 2</i></span> <span style="margin-left: 50px;"><i>Date 3</i></span> <span style="margin-left: 50px;"><i>Date 4</i></span> <span style="margin-left: 50px;"><i>Date 5</i></span> <span style="margin-left: 50px;"><i>Date 6</i></span></div>					
Signature: <u></u> Signature Date: <u>02/24/2025</u>					
Title: <u>VP Quality &amp; EHS</u>					

**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 - Instructions  
Texas Commission on Environmental Quality**

Owners or operators of a site required to obtain a federal operating permit (FOP), in accordance with Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), must complete and submit an FOP application to the Texas Commission on Environmental Quality (TCEQ), Office of Air, Air Permits Division (APD), and a copy must be submitted to the appropriate TCEQ regional office, and the United States Environmental Protection Agency (EPA) – Region 6 Office. There are three types of FOPs, and they are as follows: site operating permit (SOP), temporary operating permit (TOP), and general operating permit (GOP). Information on these permit types can be found on the TCEQ website at [www.tceq.texas.gov/permitting/air/titlev/permit\\_types.html](http://www.tceq.texas.gov/permitting/air/titlev/permit_types.html).

**For submissions to EPA:**

EPA Region 6 office has requested that all applications, including any updates, submitted to EPA be provided in electronic format via email to [R6AirPermitsTX@epa.gov](mailto:R6AirPermitsTX@epa.gov). Microsoft Word for text, Excel for spreadsheets, and a searchable Adobe Acrobat (pdf) file are the preferred formats. Do not submit any compressed or zip files, or files with an “exe” extension. Do not submit any individual files larger than 10 megabytes via email, and the total size of all attachments cannot exceed 25 megabytes per email. EPA will accept larger files via FTP transfer. Send an email to [wilson.aimee@epa.gov](mailto:wilson.aimee@epa.gov) to request an FTP link for submittals. Submit confidential information as a separate file and clearly label it with “confidential” or “CBI” in the filename. Identify the associated permit number when submitting information. No hard copies of the information contained in the application should be submitted to EPA.

Please contact Ms. Aimee Wilson ([wilson.aimee@epa.gov](mailto:wilson.aimee@epa.gov)) at (214) 665-7596 if you have any questions pertaining to electronic submittals.

**General:**

The purpose of this form is to provide general information regarding the company, site, and area for which an FOP application is being submitted. **This form is required for all initial and renewal FOP applications.** This form is only required for FOP revision applications if the information on this form has changed. FOP revision and renewal applications must include Form OP-2 (Application for Permit Revision/Renewal), at a minimum.

Note: For a change of company name or ownership only, submit TCEQ Form Number 20405. Form OP-1 is not required.

For initial FOP issuance only, an abbreviated application (at a minimum) must be submitted in accordance with 30 TAC § 122.130. An abbreviated application consists of Form OP-1 (Site Information Summary), Form OP-CRO1 (Certification by Responsible Official), and a TCEQ Core Data Form. In accordance with 30 TAC § 122.130, the executive director will inform the applicant in writing of the deadline for submitting the remaining application information (full application).

Information regarding SOP application requirements can be found on TCEQ's Air Site Operating Permit Guidance webpage located at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_site\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_site_guidance.html). Information regarding GOP application requirements can be found on TCEQ's Air General Operating Permit Guidance webpage located at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_gop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_gop_guidance.html).

Submitting a timely and complete application, as defined in 30 TAC §§ 122.133 and 122.134, is critical and allows the applicant to receive the benefit of an application shield, as defined in 30 TAC § 122.138. The application shield serves as authorization to operate the site until final action is taken on the application. **Failure to supply any information requested by the TCEQ, pursuant to the application review, may result in the loss of the application shield.**

The responses to most data elements in Form OP-1 are limited in some way. **Responses not made according to the instructions may result in delays in this or other permitting actions.**

- 1) Some responses have a character limit. (Example: "Company Name," maximum 50 characters.) The responses may consist of characters, digits, or a combination of the two. When appropriate, common abbreviations can be used to fit a response into the space allotted.
- 2) Some responses are limited to "YES" or "NO" and in some cases "N/A" for "not applicable." Applicants must select one of these options. "N/A" is an acceptable response only when it is stated in the instructions for the question.
- 3) Some responses must be in a specific format. (Examples: Dates, MM/DD/YYYY; Latitude/Longitude, DDD:MM:SS.)
- 4) Some responses are limited to a set of mutually exclusive response options, and selections are recorded by placing an "X" in the box next to the appropriate response. (Example: "Permit Type.")

The TCEQ requires that a Core Data Form be submitted with all incoming permit applications unless a Regulated Entity and Customer Reference Number have been issued by the TCEQ and no core data information has changed. For more information regarding the Core Data Form, call (512) 239-5175 or go to the TCEQ website at:

[www.tceq.texas.gov/permitting/central\\_registry/guidance.html](http://www.tceq.texas.gov/permitting/central_registry/guidance.html).

Page 1:

**Specific:**

## **I. Company Identifying Information**

### **A. Company Name:**

Enter the name of the company for which the application is being submitted (maximum 50 characters). The company name should be the name used to incorporate, for which a franchise tax identification number has been issued. If a franchise tax identification number has not been issued, then enter the most identifying name for the company. The company name on this form and the TCEQ Core Data Form should match.

### **B. Customer Reference Number (CN):**

Enter the customer reference number (CNXXXXXXXXX). This number is issued by the TCEQ as part of the central registry process. If a customer reference number has not yet been issued, leave this space blank. Do not enter permit numbers, project numbers, account numbers, etc., in this space.

### **C. Submittal Date:**

Enter the date the application is being submitted by the applicant to the TCEQ (MM/DD/YYYY).

## **II. Site Information**

### **A. Site Name:**

Enter the name of the site for which the application is being submitted (maximum 50 characters). The Site Name on this form and the Regulated Entity Name listed in Section III of the TCEQ Core Data Form should match.

### **B. Regulated Entity Reference Number (RN):**

Enter the regulated entity reference number for the site (RNXXXXXXXXX). This number is issued by the TCEQ as part of the central registry process. If a regulated entity reference number has not yet been issued, leave this space blank. Do not enter permit numbers, project numbers, account numbers, etc., in this space.

C. **Indicate Affected State(s) Required to Review Permit Application:**

As stated in 30 TAC § 122.330(b), an affected state may be Arkansas (AR), Colorado (CO), Kansas (KS), Louisiana (LA), New Mexico (NM), or Oklahoma (OK), if the state's air quality may be affected by the issuance or denial of a federal operating permit, revision, or renewal; or that state is within **50 miles** of the site.

Place an "X" in the space to the left of the affected state(s) that is applicable. Place an "X" to the left of "N/A" if the affected state review is not applicable.

GOP applications do not require affected state review. Therefore, all GOP applicants should place an "X" to the left of "N/A."

D. **Indicate all pollutants for which the site is a major source based on the site's potential to emit:**

Place an "X" in the box to the left of the pollutant for all the pollutants for which the site is classified as a major source, as defined in 30 TAC § 122.10, based on the site's potential to emit. Otherwise, leave the box blank.

The row "Other" is provided for the listing of non-criteria regulated air pollutants for which a site is a major source. (Example: chlorinated compounds, inorganic acids) List the pollutant name in the space provided (maximum 20 characters). If there are none, leave this space blank.

Further information regarding the potential to emit can be found in the Potential to Emit Guidance, which is located on the TCEQ website at

[www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

E. **Is the Site a Non-Major Source Subject to the Federal Operating Permit Program?**

Place an "X" in the box for "YES" if the site is a non-major source (or area source) subject to the Federal Operating Permit Program. Otherwise, place an "X" in the box for "NO." (Note that if the response to this question is "YES," then the responses to question II.D above should all be "NO.")

F. **Is the Site Within a Local Program Area Jurisdiction?**

Place an "X" in the box for "YES" if the site is located within the jurisdiction of a local air pollution control program. Otherwise, place an "X" in the box for "NO."

A list of local air pollution control programs is located on the TCEQ website at

[www.tceq.texas.gov/permitting/air/local\\_programs.html](http://www.tceq.texas.gov/permitting/air/local_programs.html).

G. **Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63?**

Place an "X" in the box for "YES" if emissions averaging will be used by an affected source at the site to comply with any Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63) requirement, relating to National Emission Standards for Hazardous Air Pollutants for Source Categories that has been promulgated at the time of application submittal. Otherwise, place an "X" in the box for "NO."

Emissions averaging, as defined in 40 CFR § 63.2, is a way to comply with the emission limitations specified in a relevant standard, whereby an affected source, if allowed under a subpart of this part, may create emission credits by reducing emissions from specific points to a level below that required by the relevant standard, and those credits are used to offset emissions from points that are not controlled to the level required by the relevant standard.

H. **Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:** If emissions averaging will be used by an affected source at the site to comply with any 40 CFR Part 63 Subpart, enter the subpart(s) designation (*Example: N, P, CC, KK*) in the space provided. If emissions averaging will not be used, leave this space blank.



### III. Permit Type:

#### A. Type of Permit Requested:

Indicate the type of permit for which this application is being submitted by placing an “X” in the space to the left of the selection (SOP, TOP, or GOP). Select only one response.

Information on the different permit types can be found on the TCEQ website at [www.tceq.texas.gov/permitting/air/titlev/permit\\_types.html](http://www.tceq.texas.gov/permitting/air/titlev/permit_types.html).

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### IV. Initial Application Information *(Complete for Initial Issuance Applications only.)*

#### A. Is this submittal an Abbreviated or Full Application?

Indicate the type of application (“Abbreviated” or “Full”) by placing an “X” in the space to the left of the selection.

Abbreviated applications must be submitted in accordance with 30 TAC § 122.130. An abbreviated application only includes Form OP-1, Form OP-CRO1 (Certification by Responsible Official), and the TCEQ Core Data Form. If the submitted application is not an abbreviated application, select “Full.”

#### B. If this is a Full Application, is this submittal a follow-up to an Abbreviated Application?

Place an “X” in the box for “YES” if this submittal is a full application, which is being submitted in response to a request for follow-up information regarding an abbreviated application that was submitted earlier. If this submittal is a full application (Application Type = “Full”) *and no abbreviated application was submitted earlier*, place an “X” in the box for “NO.” If this submittal is an abbreviated application (Application Type = “Abbreviated”), leave this space blank.

#### C. If this is an Abbreviated Application, is this an early submittal for a combined SOP and Acid Rain permit?

Place an “X” in the box for “YES” if this submittal is an early submittal for a combined SOP and Acid Rain permit. Place an “X” in the box for “NO” if this submittal is not an early submittal for a combined SOP and Acid Rain permit. If this submittal is a full application (Application Type = “Full”), leave this space blank.

#### D. Has an electronic copy of this application been submitted (or is being submitted) to EPA at [R6AirPermitsTX@epa.gov](mailto:R6AirPermitsTX@epa.gov)?

Place an “X” in the box for “YES” if an electronic copy of this application has been submitted (or is being submitted) to EPA. If not, place an “X” “NO.” (See “For submissions to EPA” above for additional information.)

#### E. Has the required Public Involvement Plan been included with this application? Place an “X” in the box for “YES” if this submittal contains a Public Involvement Plan. Place an “X” in the box for “NO” if this submittal does not contain a Public Involvement Plan. (For more information see Public Involvement Plan (PIP) Form for Certain NSR and Title V Air Permit Applications on the TCEQ website at [www.tceq.texas.gov/permitting/air/air\\_permits.html](http://www.tceq.texas.gov/permitting/air/air_permits.html).)

### V. Confidential Information

#### A. Is confidential information submitted in conjunction with this application?

Place an “X” in the box for “YES” if any confidential information is being submitted in conjunction with this application. Otherwise, place an “X” in the box for “NO.” All confidential information must be submitted according to the TCEQ guidance located at [www.tceq.texas.gov/permitting/air/titlev/apps\\_timelines.html#confidential](http://www.tceq.texas.gov/permitting/air/titlev/apps_timelines.html#confidential).

**VI. Responsible Official (RO) Identifying Information**

The RO must be listed in this section even if the duties will be delegated to a Duly Authorized Representative (DAR). The DAR information should be provided on the Form OP-DEL (Delegation of Responsible Official). Additional information on Responsible Official and Certification can be found on the TCEQ website at [www.tceq.texas.gov/permitting/air/titlev/ro\\_and\\_certs.html](http://www.tceq.texas.gov/permitting/air/titlev/ro_and_certs.html).

*Note: For a change of RO and RO information, Form OP-CRO2 (Change of Responsible Official) must be submitted to the TCEQ.*

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name and title of the RO pursuant to 30 TAC § 122.132(e) and 30 TAC § 122.165 (Last Name, First Name, MI; maximum 25 characters).

Enter the name of the company, firm, etc. that employs the RO (maximum 50 characters). The company or firm name should be the name used to incorporate, for which a franchise tax identification number has been issued. If a franchise tax identification number has not been issued, then enter the most identifying name for the company or firm. Enter the mailing address, including city, state, ZIP Code. If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and ZIP Code. Enter an internal mail code, telephone number, fax number, and email address of the RO listed.

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**VII. Technical Contact Identifying Information** *(Complete if different from RO information.)*

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name and title of the technical contact for this application, if different from the RO (Last Name, First Name, MI; maximum 25 characters). Enter the name of the company, firm, etc. that employs the technical contact (maximum 50 characters). The company or firm name should be the name used to incorporate, for which a franchise tax identification number has been issued. If a franchise tax identification number has not been issued, then enter the most identifying name for the company or firm. Enter the mailing address, including city, state, ZIP Code. If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and ZIP Code. Enter an internal mail code, telephone number, fax number, and email address of the technical contact listed.

**VIII. Reference Only Requirements** *(For reference only.)*

*Certification by the RO pursuant to 30 TAC § 122.165 does not extend to information which is designated on forms as "For reference only."*

**A. State Senator:**

Enter the name of the state senator representing the area in which the site is located (maximum 25 characters).

TCEQ will send notification of the receipt of a permit application to the state senator for the area in which the site is located. State senator information may be obtained by contacting the State Senate at (512) 463-0100 or the Legislative Reference Library at (512) 463-1252. Information may also be obtained via the Texas Senate Internet site at [www.legis.state.tx.us/](http://www.legis.state.tx.us/).

**B. State Representative:**

Enter the name of the state representative representing the area in which the site is located (maximum 25 characters).

TCEQ will send notification of the receipt of a permit application to the state representative for the area in which the site is located. State representative information may be obtained by contacting the House of Representatives at (512) 463-4630 or the Legislative Reference Library at (512) 463-1252. Information may also be obtained via the House of Representatives Internet site at [www.legis.state.tx.us/](http://www.legis.state.tx.us/).



**C. Has the applicant paid emissions fees for the most recent agency fiscal year?**

Place an "X" in the box for "YES" if the applicant has paid all emissions fees, or inspection fees, if applicable, due during the most recent agency fiscal year (September 1 - August 31). Otherwise, place an "X" in the box for "NO." If the applicant is not required to pay emissions fees, place an "X" in the box for "N/A."

If the answer to VIII.C. is "NO" or "NA," the applicant is required to contact the Industrial Emissions Assessment Section at (512) 239-1459. For further information regarding inspection fees and emission fees, please refer to 30 TAC §§ 101.24 and 101.27.

**D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?**

Place an "X" in the box for "YES" if the site is subject to the bilingual notice requirements pursuant to 30 TAC § 122.322. Otherwise, place an "X" in the box for "NO."

The requirements of 30 TAC § 122.322 are applicable when either the elementary school or the middle school located nearest to the facility, or proposed facility, provides a bilingual education program, as required by Texas Education Code § 29.053 and 19 TAC § 89.1205(a) (relating to Required Bilingual Education and English as a Second Language Programs), or if either school has waived out of such a required bilingual education program under the provisions of 19 TAC § 89.1205(g). Schools not governed by the provisions of 19 TAC § 89.1205 should not be considered when determining the applicability of 30 TAC § 122.322 requirements.

Elementary or middle schools that offer English as a second language under 19 TAC § 89.1205(d) and are otherwise not affected by 19 TAC § 89.1205(a), will not trigger the requirements of 30 TAC § 122.322(a).

**E. Indicate the alternate language(s) in which public notice is required:**

If the answer to the previous question is "YES," enter the alternate language(s) for which public notice is required in the space provided.

Please use a separate page to indicate the alternate languages if additional space is required. If the answer to the previous question is "NO," enter "NONE."

Examples:

D.	Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
E.	Indicate the alternate language(s) in which public notice is required:	Spanish, Vietnamese, German

D.	Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E.	Indicate the alternate language(s) in which public notice is required:	None

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**IX. Off-Site Permit Request (Optional)**

*Complete this section only if the applicant wishes to maintain the FOP and records at a location other than the site designated in the "Site Information" section of this form.*

**A. Office/Facility Name:**

Enter the name of the office or facility where the FOP and records are to be held (maximum 50 characters).

**B. Physical Address:** Enter the physical address of the office or facility, including city, state, and ZIP Code

(physical address - maximum 50 characters and city - maximum 25 characters). If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and ZIP Code. The physical address cannot be a Post Office Box.

C. **Physical Location:**

If a physical address does not exist, provide a description of the physical location of the office or facility where the permit is to be held (maximum 250 characters). (*Example: Highway 100, 2 miles west of County Road 12.*) Leave Physical Location blank if there is a Physical Address.

D. **Contact Name:**

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name of a contact person at the office or facility where the FOP and records are to be held (maximum 50 characters).

E. **Telephone:**

Enter the contact person's telephone number with the area code.

**X. Application Area Information**

*This section pertains to the application area. If only one application is being submitted (or was submitted) for the entire site, then the following information relates to the site as a whole.*

A. **Area Name:**

Enter the name of the application area (maximum 50 characters). If more than one permit is proposed for the site, the area name should be descriptive enough to provide a clear distinction of the portion of the site covered under this application. (*Examples: "Tank Battery #1," "North Loading Area".*) If there is only one permit proposed for the site, the area name must be the same as the site name in the "Site Information" section of this form. Note that the area may refer to a subset of units at the site to be covered by an application; it need not refer to a distinct physical area. This name will eventually be used as the name for the permit.

B. **Physical Address:**

Enter the physical address of the application area, including city, state, and ZIP Code (physical address - maximum 50 characters and city - maximum 25 characters). If there is a Physical Address, **skip** X.C-F below.

C. **Physical Location:**

If a physical address does not exist, provide a description of the physical location of the application area (maximum 250 characters). (*Example: Highway 100, 2 miles west of County Road 12.*)

D. **Nearest City:**

Enter the name of the city or municipality nearest to the application area, or in which the application area is located (maximum 25 characters).

E. **State:**

Enter the state in which the nearest city is located.

F. **ZIP Code:**

Enter the ZIP Code of the application area. (*This is used for location purposes and must be provided even if the facility does not receive mail delivery.*)

Page 5**G. Latitude:**

Enter the latitude coordinate for the application area (*DDD:MM:SS*). Latitude indicates the angular distance (in degrees) of a location north of the equator and will always be between 25 and 37 degrees in Texas. Coordinates of the area must be shown to the nearest second and can be obtained from most city engineers, U.S. Geological Survey (USGS) maps, or from county maps prepared by the Texas Department of Transportation (TxDOT).

**H. Longitude:**

Enter the longitude coordinate for the application area (*DDD:MM:SS*). Longitude indicates the angular distance (in degrees) of a location west of the prime meridian and will always be between 93 and 107 degrees in Texas. Coordinates of the area must be shown to the nearest second and can be obtained from most city engineers, USGS maps, or county maps prepared by the TxDOT.

**I. Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal?**

Place an "X" in the box for "YES" if there are one or more emission units in the application area that are out of compliance. "Out of compliance" means a situation in which an emission unit or an operating condition *may* not be in compliance with one or more applicable requirements. Information on these units will be forwarded to the appropriate regional office. Title 30 TAC Chapter 122 requires that a description of the compliance status for all emission units be provided in a full application. Additional compliance information for full applications is provided on Form OP-ACPS (Application Compliance Plan and Schedule). If all emission units in the application area are believed to be in compliance, place an "X" in the box for "NO."

**J. Estimated number of emission units in the application area:**

Enter an estimated number of emission units in the application area with potentially applicable requirements. Do not include emission units that will only be addressed on Form OP-REQ1 (Application Area-wide Applicability Determinations and General Information).

**K. Are there any emission units in the application area subject to the Acid Rain Program?**

Place an "X" in the box for "YES" if any emission units in the application area are subject to the Acid Rain Program (ARP), including the Opt-in Program. Otherwise, place an "X" in the box for "NO."

*If the response to this question is "YES," submit the appropriate forms for an acid rain permit, if not already submitted. Applications for acid rain permits for opt-in sources to the ARP shall be submitted in accordance with 40 CFR Part 74.*

The Opt-in Program allows stationary combustion sources not required to participate in the ARP the opportunity to enter the program on a voluntary basis, reduce their sulfur dioxide (SO<sub>2</sub>) emissions, and receive their own acid rain allowances. Combustion sources are defined as fossil fuel-fired boilers, turbines, or internal combustion engines. An opt-in source must comply with the same or similar provisions as utility units affected under the mandatory ARP. These provisions relate to allowance trading, permitting, excess emissions, monitoring, end-of-year compliance, and enforcement. Most basic to the program is the requirement that each year the opt-in source must hold enough allowances to cover its annual SO<sub>2</sub> emissions. For additional information, please refer to 40 CFR Part 74.

**XI. Public Notice**

*Complete this section for SOP Applications (initial, renewal, and significant revision) and Acid Rain Permit Applications only.*

**A. Name of a public place to view application and draft permit:**

Enter the name of the public place where the application and draft permit will be available for review and copying by the public throughout the public notice period.

The public place must be publicly owned or operated, such as a library, courthouse, or city hall, and must be located in the same county as the site. The TCEQ Regional Office may be used as a public place if it is located in the same county as the site.

**B. Physical Address:**

Enter the public place physical address, including city and ZIP Code (physical address - maximum 50 characters and city - maximum 25 characters).

**C. Contact Person:**

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name of the contact person who will answer questions from the public during the Public Notice Period (Last Name, First Name, MI; maximum 25 characters). This information will be published in the newspaper notice.

Enter the mailing address, including city, state, ZIP Code (address - maximum 50 characters; city - maximum 25 characters). If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and ZIP Code. Enter the internal mail code that is part of the mailing address of the contact person, if applicable (maximum 10 characters). Enter the contact person's telephone number with the area code. This information will be published in the newspaper notice.

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**XII. Delinquent Fees and Penalties**

*Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol." For more information regarding Delinquent Fees and Penalties, go to the TCEQ website at [www.tceq.texas.gov/agency/fees/delin/index.html](http://www.tceq.texas.gov/agency/fees/delin/index.html).*

**Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.**

**XIII. Designated Representative (DR) Identifying Information**

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name and title of the DR pursuant to 30 TAC § 122.165 (Last Name, First Name, MI; maximum 25 characters). Enter the name of the company, firm, etc. that employs the DR (maximum 50 characters). The company or firm name should be the name used to incorporate, for which a franchise tax identification number has been issued. If a franchise tax identification number has not been issued, then enter the most identifying name for the company or firm. Enter the mailing address, including city, state, ZIP Code. If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and ZIP Code. Enter an internal mail code, telephone number, fax number, and email address of the DR listed.

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**XIV. Alternate Designated Representative (ADR) Identifying Information**

If there is no ADR, leave this section blank.

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name and title of the ADR pursuant to 30 TAC § 122.165 (Last Name, First Name, MI; maximum 25 characters). Enter the name of the company, firm, etc. that employs the ADR (maximum 50 characters). The company or firm name should be the name used to incorporate, for which a franchise tax identification number has been issued. If a franchise tax identification number has not been issued, then enter the most identifying name for the company or firm. Enter the mailing address, including city, state, ZIP Code. If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and ZIP Code. Enter an internal mail code, telephone number, fax number, and email address of the ADR listed.

**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 (Page 1)  
Texas Commission on Environmental Quality**

Please print or type all information. Direct any questions regarding this application form to the Air Permits Division at (512) 239-1250 or to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division (MC 163), P.O. Box 13087, Austin, Texas 78711-3087.

<b>I. Company Identifying Information</b>	
A. Company Name: Bell Textron Inc.	
B. Customer Reference Number (CN): CN 600131155	
C. Submittal Date (mm/dd/yyyy): 9/9/2024	
<b>II. Site Information</b>	
A. Site Name: Bell Textron Plant 1	
B. Regulated Entity Reference Number (RN): RN TA0054T	
C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>	
<input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A	
D. Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>	
<input checked="" type="checkbox"/> VOC <input type="checkbox"/> NO <sub>x</sub> <input type="checkbox"/> SO <sub>2</sub> <input type="checkbox"/> PM <sub>10</sub> <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> HAPS	
Other:	
E. Is the site a non-major source subject to the Federal Operating Permit Program? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>	
F. Is the site within a local program area jurisdiction? <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>	
G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>	
H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: N/A	
<b>III. Permit Type</b>	
A. Type of Permit Requested: <i>(Select only one response)</i>	
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)	

**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 (Page 2)  
Texas Commission on Environmental Quality**

<b>IV. Initial Application Information</b> <i>(Complete for Initial Issuance Applications Only.)</i>
<b>A.</b> Is this submittal an abbreviated or a full application? <span style="float: right;"><input type="checkbox"/> Abbreviated <input type="checkbox"/> Full</span>
<b>B.</b> If this is a full application, is the submittal a follow-up to an abbreviated application? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
<b>C.</b> If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
<b>D.</b> Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
<b>E.</b> Has the required Public Involvement Plan been included with this application? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
<b>V. Confidential Information</b>
<b>A.</b> Is confidential information submitted in conjunction with this application? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
<b>VI. Responsible Official (RO) Identifying Information</b>
RO Name Prefix: ( <input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
RO Full Name: Marlene Meadows
RO Title: VP Quality & EHS
Employer Name: Bell Textron Inc.
Mailing Address: 3255 Bell Flight Blvd.
City: Ft. Worth
State: Texas
ZIP Code: 76118
Territory: N/A
Country: USA
Foreign Postal Code: N/A
Internal Mail Code: 1809
Telephone No.: (817) 280-2349
Fax No.: 817-278-2349
Email: mmeadows@bellflight.com

**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 (Page 3)  
Texas Commission on Environmental Quality**

<b>VII. Technical Contact Identifying Information</b> <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: Sam Sutton
Technical Contact Title: Sr. EHS Specialist
Employer Name: Bell Textron Inc.
Mailing Address: 3255 Bell Flight Blvd.
City: Ft. Worth
State: Texas
ZIP Code: 76118
Territory: N/A
Country: USA
Foreign Postal Code: N/A
Internal Mail Code: 1809
Telephone No.: (817) 280-1254
Fax No.: (817) 278-1254
Email: ssutton@bellflight.com
<b>VIII. Reference Only Requirements</b> <i>(For reference only.)</i>
A. State Senator: Kelly Hancock
B. State Representative: Tony Tinderholt
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</span>
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>
E. Indicate the alternate language(s) in which public notice is required: Spanish



**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 (Page 4)  
Texas Commission on Environmental Quality**

<b>IX. Off-Site Permit Request</b> <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
<b>A.</b> Office/Facility Name: N/A
<b>B.</b> Physical Address: N/A
City: N/A
State: N/A
ZIP Code:
Territory: N/A
Country: N/A
Foreign Postal Code: N/A
<b>C.</b> Physical Location: N/A
<b>D.</b> Contact Name Prefix: ( <input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name: N/A
<b>E.</b> Telephone No.:
<b>X. Application Area Information</b>
<b>A.</b> Area Name: Bell Textron Plant 1
<b>B.</b> Physical Address: 3255 Bell Flight Blvd.
City: Ft. Worth
State: Texas
ZIP Code: 76118
<b>C.</b> Physical Location: See Physical Address
<b>D.</b> Nearest City: Hurst
<b>E.</b> State: Texas
<b>F.</b> ZIP Code: 76118

**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 (Page 5)  
Texas Commission on Environmental Quality**

<b>X. Application Area Information (continued)</b>
<b>G.</b> Latitude (nearest second): 32 48 23
<b>H.</b> Longitude (nearest second): 97 09 36
<b>I.</b> Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
<b>J.</b> Indicate the estimated number of emission units in the application area: 80
<b>K.</b> Are there any emission units in the application area subject to the Acid Rain Program? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
<b>XI. Public Notice</b> (Complete this section for SOP Applications and Acid Rain Permit Applications only.)
<b>A.</b> Name of a public place to view application and draft permit: TCEQ Region IV Office
<b>B.</b> Physical Address: 2309 Gravel Dr
City: Ft. Worth
ZIP Code: 76118
<b>C.</b> Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
Contact Person Full Name: Sam Sutton
Contact Mailing Address: 3255 Bell Flight Blvd.
City: Ft. Worth
State: Texas
ZIP Code: 76118
Territory: N/A
Country: USA
Foreign Postal Code: N/A
Internal Mail Code: 1809
Telephone No.: 817-280-1254

**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 (Page 6)  
Texas Commission on Environmental Quality**

**XII. Delinquent Fees and Penalties**

**Notice:** This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol."

**Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.**

**XIII. Designated Representative (DR) Identifying Information**

DR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)

DR Full Name:

DR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 (Page 7)  
Texas Commission on Environmental Quality**

**Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.**

**XIV. Alternate Designated Representative (ADR) Identifying Information**

ADR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)

ADR Full Name:

ADR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

**From:** Primavera Trevino  
**Sent:** Friday, February 14, 2025 1:59 PM  
**To:** Sutton, Samuel  
**Subject:** RE: Working Draft Permit Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Good afternoon,

There is one more deficiency I found in the OP-PBRSUP Table. In Table B and Table D the Version No./Date for PBR 106.265 is incorrect.

Please submit a revised version of Form OP-PBRSUP for Tables B and D with the correct version date for PBR 106.265. Please submit this revision along with any other updates and/or comments by **02/25/2025**.

Please contact me with any questions, thank you.

Primavera Treviño  
(512) 239-6209

---

**From:** Sutton, Samuel <ssutton@bellflight.com>  
**Sent:** Wednesday, February 12, 2025 7:31 AM  
**To:** Primavera Trevino <Primavera.Trevino@tceq.texas.gov>  
**Cc:** Rhyan Stone <Rhyan.Stone@tceq.texas.gov>  
**Subject:** RE: Working Draft Permit Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Hi Primavera,

I will review the WDP and get back to you by the 25<sup>th</sup> with any comments and an updated OP-CRO1.

Regards,

**SAM SUTTON**

Sr. EHS Specialist | Bell  
Principal Environmental Engineer  
Office: +1-817-280-1254  
Mobile: +1-469-724-7523  
[ssutton@bellflight.com](mailto:ssutton@bellflight.com)  
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**From:** Primavera Trevino <[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)>

**Sent:** Tuesday, February 11, 2025 4:28 PM

**To:** Sutton, Samuel <[ssutton@bellflight.com](mailto:ssutton@bellflight.com)>

**Cc:** Rhyan Stone <[Rhyan.Stone@tceq.texas.gov](mailto:Rhyan.Stone@tceq.texas.gov)>

**Subject:** Working Draft Permit Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Mr. Sutton,

I have been assigned to the Federal Operating Permit (FOP) renewal application of Permit No. O1631 for Bell Textron, Inc, Bell Textron Plant 1. This application has been assigned Project No. 37188. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

In addition, I wanted to let you know that EPA has, on occasion, objected to Title V permits based on the following:

- a. NSR permit and PBR monitoring sufficiency –please refer to our periodic monitoring guidance for reference of monitoring that EPA has, so far, considered sufficient.
- b. Reference to confidential business information (CBI) in NSR permits and PBR submittals.
- c. High level terms in the SOP Applicable Requirement Summary Table. The high-level terms are sometimes used in SOPs when unit attribute forms have not yet been updated due to regulatory amendments.
- d. Accuracy of PBR information provided on the supplemental table and in the permit – please refer to Forms OP-PBRSUP and OP-REQ1 Instructions.

If you have any questions or concerns on any of these items or think you need to do any additional updates, let me know and we can discuss further.

I have conducted a technical review of this application, and I have attached an electronic copy of the Working Draft Permit (WDP) for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided.

**Please review the WDP and submit to me any comments you have regarding it by 02/25/2025.** Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP. Note that any application updates necessary to make requested changes must accompany the WDP comments.

**Please resubmit Form OP-1 (page 5) with an answer to question K. under section X.**

Please review the "SOP Technical Review Fact Sheet" located at [http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title\\_V/sop\\_wdp\\_factsheet.p](http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.p)

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Application updates may now be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an original signature OP-CRO1. Application updates that are provided through email or physical mail require certification using an original signature OP-CRO1.

**As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at [R6AirPermitsTX@epa.gov](mailto:R6AirPermitsTX@epa.gov) and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents](#).**

Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you,  
***Primavera Treviño***

Environmental Permit Specialist  
Operating Permits Section  
Office of Air – Air Permits Division  
[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)  
Phone: (512) 239-6209



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Principal Environmental Engineer  
Office: +1-817-280-1254  
Mobile: +1-469-724-7523  
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---

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**Sent:** Tuesday, February 11, 2025 4:28 PM  
**To:** Sutton, Samuel <ssutton@bellflight.com>  
**Cc:** Rhyan Stone <Rhyan.Stone@tceq.texas.gov>  
**Subject:** Working Draft Permit Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

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submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents.](#)

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Thank you,

***Primavera Treviño***

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)

Phone: (512) 239-6209



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**Cc:** Rhyan Stone  
**Subject:** Working Draft Permit Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1  
**Attachments:** Working Draft Permit O1631.docx

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Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you,  
***Primavera Treviño***

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)

Phone: (512) 239-6209



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# FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO  
Bell Textron Inc.

AUTHORIZING THE OPERATION OF  
Bell Textron Plant 1  
Aircraft Manufacturing

LOCATED AT  
Tarrant County, Texas  
Latitude 32° 48' 23" Longitude 97° 9' 36"  
Regulated Entity Number: RN100222488

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No:     O1631     Issuance Date: \_\_\_\_\_

\_\_\_\_\_  
For the Commission

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## **General Terms and Conditions**

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

## **Special Terms and Conditions:**

### **Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting**

1. Permit holder shall comply with the following requirements:
  - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
  - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
  - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
  - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
  - E. Emission units subject to 40 CFR Part 63, Subparts GG, ZZZZ and DDDDD as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter

113, Subchapter C, §§ 113.380, 113.1090 and 113.1130 respectively which incorporate the 40 CFR Part 63 Subpart by reference.

F.

2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):

- A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
- B. Title 30 TAC § 101.3 (relating to Circumvention)
- C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
- D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
- E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
- F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
- G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
- H. Title 30 TAC § 101.221 (relating to Operational Requirements)
- I. Title 30 TAC § 101.222 (relating to Demonstrations)
- J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)

3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:

- A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
  - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
  - (ii) Title 30 TAC § 111.111(a)(1)(E)
  - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
  - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO<sub>x</sub>, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive



ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

- (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
- (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
- (3) Records of all observations shall be maintained.
- (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (5) Compliance Certification:
  - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
  - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity

requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)
- (iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO<sub>x</sub>, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
  - (1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.
  - (2) Records of all observations shall be maintained.
  - (3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to

condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).
- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- 4. For storage vessels maintaining working pressure as specified in 30 TAC Chapter 115, Subchapter B, Division 1: Storage of Volatile Organic Compounds, the permit holder shall comply with the requirements of 30 TAC § 115.112(e)(1).
- 5. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter C requirements:
  - A. When filling stationary gasoline storage vessels (Stage I) for motor vehicle fuel dispensing facilities, constructed prior to November 15, 1992, with transfers to stationary storage tanks located at a facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:
    - (i) Title 30 TAC § 115.222(3) (relating to Control Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors
    - (ii) Title 30 TAC § 115.222(6) (relating to Control Requirements)
    - (iii) Title 30 TAC § 115.224(1) (relating to Inspection Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors
    - (iv) Title 30 TAC § 115.226(2)(B) (relating to Recordkeeping Requirements)
- 6. The permit holder shall comply with the following requirements of 30 TAC Chapter 117:
  - A. For stationary reciprocating engines exempt from Subchapter D, Division 2 at minor sources of NO<sub>x</sub> under 30 TAC § 117.2103, the permit holder shall comply with 30 TAC §§ 117.2130(c), 117.2135(e), and 117.2145(b) and (c).

7. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
  - A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
  - B. Title 40 CFR § 60.8 (relating to Performance Tests)
  - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
  - D. Title 40 CFR § 60.12 (relating to Circumvention)
  - E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
  - F. Title 40 CFR § 60.14 (relating to Modification)
  - G. Title 40 CFR § 60.15 (relating to Reconstruction)
  - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
8. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
9. For sources subject to emission standards in 40 CFR Part 63, Subpart GG, the permit holder shall comply with the requirements below (Title 30 TAC Chapter 113, Subchapter C, § 113.380 incorporated by reference):
  - A. Title 40 CFR § 63.748 (relating to Standards: Handling and Storage of Waste)
  - B. Title 40 CFR § 63.749(a) (relating to Compliance Dates and Determinations)
10. For wood furniture manufacturing operations specified in 40 CFR Part 63, Subpart JJ, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.410 incorporated by reference):
  - A. Title 40 CFR § 63.800(a) (relating to Applicability), for recordkeeping requirements for an incidental wood furniture manufacturer
11. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

#### **Additional Monitoring Requirements**

12. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities

(including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

### **New Source Review Authorization Requirements**

13. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated January 23, 2025 in the application for project 37188), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
  - A. Are incorporated by reference into this permit as applicable requirements
  - B. Shall be located with this operating permit
  - C. Are not eligible for a permit shield
14. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
15. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

### **Compliance Requirements**

16. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
17. Use of Emission Credits to comply with applicable requirements:

- A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:
    - (i) Title 30 TAC Chapter 115
    - (ii) Title 30 TAC Chapter 117
    - (iii) Offsets for Title 30 TAC Chapter 116
  - B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:
    - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)-(d)
    - (ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1
    - (iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)-(d)
    - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122
    - (v) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)
18. Use of Discrete Emission Credits to comply with the applicable requirements:
- A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
    - (i) Title 30 TAC Chapter 115
    - (ii) Title 30 TAC Chapter 117
    - (iii) If applicable, offsets for Title 30 TAC Chapter 116
    - (iv) Temporarily exceed state NSR permit allowables
  - B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
    - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
    - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
    - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)

- (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122
- (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

### **Protection of Stratospheric Ozone**

19. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone:
- A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.
  - B. The permit holder shall comply with 40 CFR Part 82, Subpart F related to the disposal requirements for appliances using Class I or Class II (ozone-depleting) substances or non-exempt substitutes as specified in 40 CFR §§ 82.150 - 82.166 and the applicable Part 82 Appendices.

### **Alternative Requirements**

20. The permit holders shall comply with the approved alternative means of control (AMOC); alternative monitoring, recordkeeping, or reporting requirements; or requirements determined to be equivalent to an otherwise applicable requirement contained in the Alternative Requirements attachment of this permit. Units complying with an approved alternative requirement have a reference to the approval in the Applicable Requirements Summary for the unit. The permit holder shall maintain the original documentation, from the EPA Administrator, demonstrating the method or limitation utilized. Documentation shall be maintained and made available in accordance with 30 TAC § 122.144.

### **Permit Location**

21. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

### **Permit Shield (30 TAC § 122.148)**

22. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

## **Attachments**

**Applicable Requirements Summary**

**Additional Monitoring Requirements**

**Permit Shield**

**New Source Review Authorization References**

**Alternative Requirement**



### **Applicable Requirements Summary**

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Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
14-BLR1	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
27FLUSH	CLEANING/DEPAINTING OPERATION	N/A	63GG-27F2	40 CFR Part 63, Subpart GG	No changing attributes.
27OVEN1	CLEANING/DEPAINTING OPERATION	N/A	R5460-27H3	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.
27OVEN1	SURFACE COATING OPERATIONS	N/A	R5421-27P3	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
27OVEN1	SURFACE COATING OPERATIONS	N/A	R5421-27S3	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Specialty coatings.
27OVEN1	SURFACE COATING OPERATIONS	N/A	R5421-27T3	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
27OVEN1	CLEANING/DEPAINTING OPERATION	N/A	63GG-27H3	40 CFR Part 63, Subpart GG	No changing attributes.
27OVEN1	SURFACE COATING OPERATIONS	N/A	63GG-27P3	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP Content = The coating is a low HAP content primer.
27OVEN1	SURFACE COATING OPERATIONS	N/A	63GG-27T3	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation., Inorganic HAP Control = Dry particulate filter system.
27OVEN2	CLEANING/DEPAINTING OPERATION	N/A	R5460-27H4	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
27OVEN2	SURFACE COATING OPERATIONS	N/A	R5421-27P4	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
27OVEN2	SURFACE COATING OPERATIONS	N/A	R5421-27S4	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Specialty coatings.
27OVEN2	SURFACE COATING OPERATIONS	N/A	R5421-27T4	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
27OVEN2	CLEANING/DEPAINTING OPERATION	N/A	63GG-27H4	40 CFR Part 63, Subpart GG	No changing attributes.
27OVEN2	SURFACE COATING OPERATIONS	N/A	63GG-27P4	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP Content = The coating is a low HAP content primer.
27OVEN2	SURFACE COATING OPERATIONS	N/A	63GG-27T4	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation., Inorganic HAP Control = Dry particulate filter system.
27OVEN3	CLEANING/DEPAINTING OPERATION	N/A	R5460-27H7	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.
27OVEN3	SURFACE COATING OPERATIONS	N/A	R5421-27P7	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer.
27OVEN3	SURFACE COATING OPERATIONS	N/A	R5421-27S7	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Specialty coatings.
27OVEN3	SURFACE COATING OPERATIONS	N/A	R5421-27T7	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
27OVEN3	PROCESS HEATERS/FURNACES	N/A	63DDDDD-3	40 CFR Part 63, Subpart DDDDD	No changing attributes.
27OVEN3	CLEANING/DEPAINTING OPERATION	N/A	63GG-27H7	40 CFR Part 63, Subpart GG	No changing attributes.
27OVEN3	SURFACE COATING OPERATIONS	N/A	63GG-27P7	40 CFR Part 63, Subpart GG	Application Type = Primer application operation.
27OVEN3	SURFACE COATING OPERATIONS	N/A	63GG-27T7	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation., Inorganic HAP Control = Not a dry particulate filter or waterwash system.
27OVEN4	CLEANING/DEPAINTING OPERATION	N/A	R5460-27H8	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.
27OVEN4	SURFACE COATING OPERATIONS	N/A	R5421-27P8	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer.
27OVEN4	SURFACE COATING OPERATIONS	N/A	R5421-27S8	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Specialty coatings.
27OVEN4	SURFACE COATING OPERATIONS	N/A	R5421-27T8	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat.
27OVEN4	PROCESS HEATERS/FURNACES	N/A	63DDDDD-4	40 CFR Part 63, Subpart DDDDD	No changing attributes.
27OVEN4	CLEANING/DEPAINTING OPERATION	N/A	63GG-27H8	40 CFR Part 63, Subpart GG	No changing attributes.
27OVEN4	SURFACE COATING OPERATIONS	N/A	63GG-27P8	40 CFR Part 63, Subpart GG	Application Type = Primer application operation.
27OVEN4	SURFACE COATING OPERATIONS	N/A	63GG-27T8	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation., Inorganic HAP Control = Not a dry particulate filter or waterwash system.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
27PB1	CLEANING/DEPAINTING OPERATION	N/A	R5460-27H1	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.
27PB1	SURFACE COATING OPERATIONS	N/A	R5421-27P1	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
27PB1	SURFACE COATING OPERATIONS	N/A	R5421-27S1	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Specialty coatings.
27PB1	SURFACE COATING OPERATIONS	N/A	R5421-27T1	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
27PB1	CLEANING/DEPAINTING OPERATION	N/A	63GG-27G1	40 CFR Part 63, Subpart GG	Affected Source = Spray gun cleaning operation., Cleaning of Spray Gun = The activity performed is the cleaning of spray gun equipment in accordance with 40 CFR § 63.744(c)(3)., Robotic System = Spray gun nozzle tips are not being cleaned from an automatic spray system or are being cleaned from an automatic spray system and is a robotic system that can be programmed to spray into a closed container as described in 40 CFR § 63.744(c)(5)., Enclosed System = The spray guns are cleaned within an enclosed system., Non-Atomized Cleaning = The spray guns are cleaned by non-atomized cleaning., Disassembled Spray Gun Cleaning

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					= Spray guns are disassembled for cleaning., Atomized Cleaning = Atomized cleaning is not used for cleaning of spray guns., Semi-Aqueous or Table 1 = Not all cleaning solvents used are semi-aqueous or listed in Table 1.
27PB1	CLEANING/DEPAINTING OPERATION	N/A	63GG-27H1	40 CFR Part 63, Subpart GG	Affected Source = All hand-wipe cleaning operations., Exempt Operation = The cleaning operation is not exempt under 40 CFR § 63.744(e)(1)-(12).
27PB1	SURFACE COATING OPERATIONS	N/A	63GG-27P1	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP Content = The coating is a low HAP content primer.
27PB1	SURFACE COATING OPERATIONS	N/A	63GG-27T1	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation.
27PB2	CLEANING/DEPAINTING OPERATION	N/A	R5460-27H2	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.
27PB2	SURFACE COATING OPERATIONS	N/A	R5421-27P2	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
27PB2	SURFACE COATING OPERATIONS	N/A	R5421-27S2	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Specialty coatings.
27PB2	SURFACE COATING OPERATIONS	N/A	R5421-27T2	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					40 CFR § 63.750.
27PB2	CLEANING/DEPAINTING OPERATION	N/A	63GG-27F2	40 CFR Part 63, Subpart GG	Affected Source = A flush cleaning operation., Cleaning of Spray Gun = The activity performed is the cleaning of spray gun equipment in accordance with 40 CFR § 63.744(c)(3)., Robotic System = Spray gun nozzle tips are not being cleaned from an automatic spray system or are being cleaned from an automatic spray system and is a robotic system that can be programmed to spray into a closed container as described in 40 CFR § 63.744(c)(5)., Enclosed System = The spray guns are cleaned within an enclosed system., Non-Atomized Cleaning = The spray guns are not cleaned by non-atomized cleaning., Disassembled Spray Gun Cleaning = Spray guns are not disassembled for cleaning., Atomized Cleaning = Spray guns are cleaned by atomized cleaning (atomizing cap is not in place) and spray is directed into a device designed to capture the atomized cleaning solvent., Semi-Aqueous or Table 1 = Not all cleaning solvents used are semi-aqueous or listed in Table 1.
27PB2	CLEANING/DEPAINTING OPERATION	N/A	63GG-27G2	40 CFR Part 63, Subpart GG	Affected Source = Spray gun cleaning operation., Cleaning of Spray Gun = The activity performed is the cleaning of spray gun

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					equipment in accordance with 40 CFR § 63.744(c)(3)., Robotic System = Spray gun nozzle tips are not being cleaned from an automatic spray system or are being cleaned from an automatic spray system and is a robotic system that can be programmed to spray into a closed container as described in 40 CFR § 63.744(c)(5)., Enclosed System = The spray guns are cleaned within an enclosed system., Non-Atomized Cleaning = The spray guns are cleaned by non-atomized cleaning., Disassembled Spray Gun Cleaning = Spray guns are disassembled for cleaning., Atomized Cleaning = Atomized cleaning is not used for cleaning of spray guns., Semi-Aqueous or Table 1 = Not all cleaning solvents used are semi-aqueous or listed in Table 1.
27PB2	CLEANING/DEPAINTING OPERATION	N/A	63GG-27H2	40 CFR Part 63, Subpart GG	Affected Source = All hand-wipe cleaning operations.
27PB2	SURFACE COATING OPERATIONS	N/A	63GG-27P2	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP Content = The coating is a low HAP content primer.
27PB2	SURFACE COATING OPERATIONS	N/A	63GG-27T2	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation.
27PB3	CLEANING/DEPAINTING OPERATION	N/A	R5460-27H5	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.



### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
27PB3	SURFACE COATING OPERATIONS	N/A	R5421-27P5	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer.
27PB3	SURFACE COATING OPERATIONS	N/A	R5421-27S5	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Specialty coatings.
27PB3	SURFACE COATING OPERATIONS	N/A	R5421-27T5	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat.
27PB3	PROCESS HEATERS/FURNACES	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
27PB3	CLEANING/DEPAINTING OPERATION	N/A	63GG-27G5	40 CFR Part 63, Subpart GG	Affected Source = Spray gun cleaning operation., Cleaning of Spray Gun = The activity performed is the cleaning of spray gun equipment in accordance with 40 CFR § 63.744(c)(3)., Robotic System = Spray gun nozzle tips are not being cleaned from an automatic spray system or are being cleaned from an automatic spray system and is a robotic system that can be programmed to spray into a closed container as described in 40 CFR § 63.744(c)(5)., Enclosed System = The spray guns are cleaned within an enclosed system., Non-Atomized Cleaning = The spray guns are cleaned by non-atomized cleaning., Disassembled Spray Gun Cleaning = Spray guns are disassembled for cleaning., Atomized Cleaning = Atomized cleaning is not used for cleaning of spray guns., Semi- Aqueous or Table 1 = Not all cleaning solvents used are semi-

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					aqueous or listed in Table 1.
27PB3	CLEANING/DEPAINTING OPERATION	N/A	63GG-27H5	40 CFR Part 63, Subpart GG	Affected Source = All hand-wipe cleaning operations.
27PB3	SURFACE COATING OPERATIONS	N/A	63GG-27P5	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP Content = The coating is a low HAP content primer., HAP Averaging = Mass of organic HAP emitted per volume of coating (less water) as applied is determined using procedures in § 63.750(c)., VOC Averaging = Mass of VOC emitted per volume of coating (less water and exempt solvents) as applied is determined using the procedures in § 63.750(e).
27PB3	SURFACE COATING OPERATIONS	N/A	63GG-27T5	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation.
27PB4	CLEANING/DEPAINTING OPERATION	N/A	R5460-27H6	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.
27PB4	SURFACE COATING OPERATIONS	N/A	R5421-27P6	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer.
27PB4	SURFACE COATING OPERATIONS	N/A	R5421-27S6	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Specialty coatings.
27PB4	SURFACE COATING OPERATIONS	N/A	R5421-27T6	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat.
27PB4	PROCESS HEATERS/FURNACES	N/A	63DDDDD-2	40 CFR Part 63, Subpart DDDDD	No changing attributes.
27PB4	CLEANING/DEPAINTING OPERATION	N/A	63GG-27G6	40 CFR Part 63, Subpart GG	Affected Source = Spray gun cleaning operation., Cleaning of

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					<p>Spray Gun = The activity performed is the cleaning of spray gun equipment in accordance with 40 CFR § 63.744(c)(3)., Robotic System = Spray gun nozzle tips are not being cleaned from an automatic spray system or are being cleaned from an automatic spray system and is a robotic system that can be programmed to spray into a closed container as described in 40 CFR § 63.744(c)(5)., Enclosed System = The spray guns are cleaned within an enclosed system., Non-Atomized Cleaning = The spray guns are cleaned by non-atomized cleaning., Disassembled Spray Gun Cleaning = Spray guns are disassembled for cleaning., Atomized Cleaning = Atomized cleaning is not used for cleaning of spray guns., Semi-Aqueous or Table 1 = Not all cleaning solvents used are semi-aqueous or listed in Table 1.</p>
27PB4	CLEANING/DEPAINTING OPERATION	N/A	63GG-27H6	40 CFR Part 63, Subpart GG	Affected Source = All hand-wipe cleaning operations.
27PB4	SURFACE COATING OPERATIONS	N/A	63GG-27P6	40 CFR Part 63, Subpart GG	<p>Application Type = Primer application operation., Emission Control = No control device is used to reduce organic HAP emissions., Alternative Monitoring Methods = The request to use alternative monitoring method(s) has not been approved by the EPA Administrator</p>

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					or no such request has been made.
27PB4	SURFACE COATING OPERATIONS	N/A	63GG-27T6	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation.
27PK1EXH	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5120-271	30 TAC Chapter 111, Visible Emissions	No changing attributes.
27PK1EXH	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5120-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
29	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
2SPARCELL-BLRA	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
2SPARCELL-BLRB	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
2SPARCELL-BLRC	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
2SPARCELL-BLRD	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
30-TRCB-BLR1	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
31	BOILERS/STEAM GENERATORS/STEAM	N/A	60DC-2	40 CFR Part 60, Subpart Dc	SO2 Inlet Monitoring Type = No SO2 monitoring because there is no

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	GENERATING UNITS				applicable SO2 emission limit, SO2 Outlet Monitoring Type = No SO2 monitoring because there is no applicable SO2 emission limit, 47C-Option = COMS exemption § 60.47c(f) for a facility that burns only gaseous fuels or fuel oils that contain less than or equal to 0.5 weight percent sulfur and operates according to a written site-specific monitoring plan approved by the permitting authority., ACF Option - SO2 = Other ACF or no ACF., Construction/Modification Date = After June 9, 1989 but on or before February 28, 2005.
31	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 60, Subpart Dc	SO2 Inlet Monitoring Type = Fuel certification (or maintaining receipts)., ACF Option - SO2 = Coal ACF greater than 55%., Construction/Modification Date = After February 28, 2005.
31	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
32	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60DC-2	40 CFR Part 60, Subpart Dc	SO2 Inlet Monitoring Type = No SO2 monitoring because there is no applicable SO2 emission limit, SO2 Outlet Monitoring Type = No SO2 monitoring because there is no applicable SO2 emission limit, 47C-Option = COMS exemption § 60.47c(f) for a facility that burns

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					only gaseous fuels or fuel oils that contain less than or equal to 0.5 weight percent sulfur and operates according to a written site-specific monitoring plan approved by the permitting authority., ACF Option - SO2 = Other ACF or no ACF., Construction/Modification Date = After June 9, 1989 but on or before February 28, 2005.
32	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 60, Subpart Dc	SO2 Inlet Monitoring Type = Fuel certification (or maintaining receipts)., ACF Option - SO2 = Coal ACF greater than 55%., Construction/Modification Date = After February 28, 2005.
32	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
36-1A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
36-2A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
36-PNT3	SURFACE COATING OPERATIONS	N/A	R5421-1	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer.
36-PNT3	SURFACE COATING OPERATIONS	N/A	R5421-2	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat.
36-PNT3	SURFACE COATING OPERATIONS	N/A	63GG-3P	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Content = The coating is a low HAP content primer.
36-PNT3	SURFACE COATING OPERATIONS	N/A	63GG-3T	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation., Inorganic HAP Control = Dry particulate filter system.
36-PNT4	SURFACE COATING OPERATIONS	N/A	R5421-1	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer.
36-PNT4	SURFACE COATING OPERATIONS	N/A	R5421-2	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat.
36-PNT4	SURFACE COATING OPERATIONS	N/A	63GG-3P	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP Content = The coating is a low HAP content primer.
36-PNT4	SURFACE COATING OPERATIONS	N/A	63GG-3T	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation., Inorganic HAP Control = Dry particulate filter system.
36-PNT7	CLEANING/DEPAINTING OPERATION	N/A	R5421-3H	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.
36-PNT7	SURFACE COATING OPERATIONS	N/A	R5421-1	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer.
36-PNT7	SURFACE COATING OPERATIONS	N/A	R5421-2	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat.
36-PNT7	CLEANING/DEPAINTING OPERATION	N/A	63GG-3G	40 CFR Part 63, Subpart GG	Affected Source = Spray gun cleaning operation., Cleaning of Spray Gun = The activity performed is the cleaning of spray gun equipment in accordance with 40 CFR § 63.744(c)(3)., Robotic System = Spray gun nozzle tips are not being cleaned from an automatic

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					spray system or are being cleaned from an automatic spray system and is a robotic system that can be programmed to spray into a closed container as described in 40 CFR § 63.744(c)(5)., Enclosed System = The spray guns are cleaned within an enclosed system., Non-Atomized Cleaning = The spray guns are cleaned by non-atomized cleaning., Disassembled Spray Gun Cleaning = Spray guns are disassembled for cleaning., Atomized Cleaning = Atomized cleaning is not used for cleaning of spray guns., Semi-Aqueous or Table 1 = Not all cleaning solvents used are semi-aqueous or listed in Table 1.
36-PNT7	CLEANING/DEPAINTING OPERATION	N/A	63GG-3H	40 CFR Part 63, Subpart GG	Affected Source = All hand-wipe cleaning operations.
36-PNT7	SURFACE COATING OPERATIONS	N/A	63GG-3P	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP Content = The coating is a low HAP content primer.
36-PNT7	SURFACE COATING OPERATIONS	N/A	63GG-3T	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation.
36-PNT8	CLEANING/DEPAINTING OPERATION	N/A	R5421-3H	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.
36-PNT8	SURFACE COATING OPERATIONS	N/A	R5421-1	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer.
36-PNT8	SURFACE COATING OPERATIONS	N/A	R5421-2	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat.



### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
36-PNT8	CLEANING/DEPAINTING OPERATION	N/A	63GG-3G	40 CFR Part 63, Subpart GG	Affected Source = Spray gun cleaning operation., Cleaning of Spray Gun = The activity performed is the cleaning of spray gun equipment in accordance with 40 CFR § 63.744(c)(3)., Robotic System = Spray gun nozzle tips are not being cleaned from an automatic spray system or are being cleaned from an automatic spray system and is a robotic system that can be programmed to spray into a closed container as described in 40 CFR § 63.744(c)(5)., Enclosed System = The spray guns are cleaned within an enclosed system., Non-Atomized Cleaning = The spray guns are cleaned by non-atomized cleaning., Disassembled Spray Gun Cleaning = Spray guns are disassembled for cleaning., Atomized Cleaning = Atomized cleaning is not used for cleaning of spray guns., Semi-Aqueous or Table 1 = Not all cleaning solvents used are semi-aqueous or listed in Table 1.
36-PNT8	CLEANING/DEPAINTING OPERATION	N/A	63GG-3H	40 CFR Part 63, Subpart GG	Affected Source = All hand-wipe cleaning operations.
36-PNT8	SURFACE COATING OPERATIONS	N/A	63GG-3P	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP Content = The coating is a low HAP content primer.
36-PNT8	SURFACE COATING	N/A	63GG-3T	40 CFR Part 63, Subpart GG	Application Type = Topcoat

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	OPERATIONS				operation.
36Q	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
36R	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
4943	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
56-ABPRIME-PNT	SURFACE COATING OPERATIONS	N/A	R5421-1	30 TAC Chapter 115, Surface Coating Operations	No changing attributes.
56-ABPRIME-PNT	CLEANING/DEPAINTING OPERATION	N/A	63GG-1H	40 CFR Part 63, Subpart GG	No changing attributes.
56-BLR1	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
56-BLR2	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
61EMERGG1	SRIC ENGINES	N/A	60III-61-EG1	40 CFR Part 60, Subpart III	No changing attributes.
61EMERGG1	SRIC ENGINES	N/A	63ZZZZ-61-EG1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
61EMERGG2	SRIC ENGINES	N/A	60III-61-EG1	40 CFR Part 60, Subpart III	No changing attributes.
61EMERGG2	SRIC ENGINES	N/A	63ZZZZ-61-EG2	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
7235302A	EMISSION POINTS/STATIONARY	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	VENTS/PROCESS VENTS				
97-010	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
97-011	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
97-012	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
99005	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
99006	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
99007	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
99008	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
99013	STORAGE TANKS/VESSELS	N/A	R5112-2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
99014	STORAGE TANKS/VESSELS	N/A	R5112-2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
99015	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
99016	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
99017	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
99018	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
99019	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
99020	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
99022	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
9A-1	STORAGE TANKS/VESSELS	N/A	R5112-3	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
9A-2	STORAGE TANKS/VESSELS	N/A	R5112-3	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
9A-3	STORAGE TANKS/VESSELS	N/A	R5112-3	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
9A-4	STORAGE TANKS/VESSELS	N/A	R5112-3	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
BLD36VP1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
BLD36VP2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
BLD36VPF	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
BLD36VPG	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
BLDG2-CLAVEVP	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
BLDG28-CLAVEVP	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
BLDG30-CLAVEVP	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
BLDG36PRSBLR1	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
BLDG36PRSBLR2	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
CD B5-1	SOLVENT DEGREASING MACHINES	N/A	R5412-2	30 TAC Chapter 115, Degreasing Processes	No changing attributes.
GRPCLDDGR	SOLVENT DEGREASING MACHINES	CD B12-1, CD B12- 2, CD B12-3, CD B2-1, CD B20-1, CD B24-1, CD B27-1,	R5412-1	30 TAC Chapter 115, Degreasing Processes	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		CD B29-1, CD B29-2, CD B36-1			
PRO10	CLEANING/DEPAINTING OPERATION	N/A	R5421-3H	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.
PRO10	SURFACE COATING OPERATIONS	N/A	R5421-2	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
PRO10	SURFACE COATING OPERATIONS	N/A	R5421-3	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
PRO10	SURFACE COATING OPERATIONS	N/A	R5421-4	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Specialty coatings.
PRO10	CLEANING/DEPAINTING OPERATION	N/A	63GG-3G	40 CFR Part 63, Subpart GG	Affected Source = Spray gun cleaning operation., Cleaning of Spray Gun = The activity performed is the cleaning of spray gun equipment in accordance with 40 CFR § 63.744(c)(3)., Robotic System = Spray gun nozzle tips are not being cleaned from an automatic spray system or are being cleaned from an automatic spray system and is a robotic system that can be programmed to spray into a closed container as described in 40 CFR § 63.744(c)(5)., Enclosed System = The spray guns are cleaned within an enclosed system., Non-Atomized

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Cleaning = The spray guns are cleaned by non-atomized cleaning., Disassembled Spray Gun Cleaning = Spray guns are disassembled for cleaning., Atomized Cleaning = Atomized cleaning is not used for cleaning of spray guns., Semi-Aqueous or Table 1 = Not all cleaning solvents used are semi-aqueous or listed in Table 1.
PRO10	CLEANING/DEPAINTING OPERATION	N/A	63GG-3H	40 CFR Part 63, Subpart GG	Affected Source = All hand-wipe cleaning operations., Exempt Operation = The cleaning operation is not exempt under 40 CFR § 63.744(e)(1)-(12).
PRO10	SURFACE COATING OPERATIONS	N/A	63GG-3P	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP Content = The coating is a low HAP content primer.
PRO10	SURFACE COATING OPERATIONS	N/A	63GG-3T	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation.
PRO13	SURFACE COATING OPERATIONS	N/A	R5421-4	30 TAC Chapter 115, Surface Coating Operations	No changing attributes.
PRO14	SURFACE COATING OPERATIONS	N/A	R5421-62-1	30 TAC Chapter 115, Surface Coating Operations	Facility Operations = Other miscellaneous metal parts and products coating., Miscellaneous Coating Type = Coating type other than low-bake coatings, coating using air or forced air dryers, extreme performance and clear coat/interior protective coating for pails and drums., Maintenance

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Shop = Recoating used miscellaneous metal parts and products at an on-site maintenance shop that began operations before January 1, 2012.
PRO14	SURFACE COATING OPERATIONS	N/A	R5421-62-2	30 TAC Chapter 115, Surface Coating Operations	Facility Operations = Surface coating of wood parts and products., Wood Coating Type = Final repair coat., Maintenance Shop = Coating operation is not conducted at an on-site maintenance shop, or coating operation is not recoating of used miscellaneous metal parts and products.
PRO14	SURFACE COATING OPERATIONS	N/A	60EE	40 CFR Part 60, Subpart EE	No changing attributes.
PRO21	CLEANING/DEPAINTING OPERATION	N/A	63GG-1G	40 CFR Part 63, Subpart GG	Affected Source = Spray gun cleaning operation., Robotic System = Spray gun nozzle tips are being cleaned from an automatic spray system and is not a robotic system that can be programmed to spray into a closed container as described in 40 CFR § 63.744(c)(5)., Semi-Aqueous or Table 1 = Not all cleaning solvents used are semi-aqueous or listed in Table 1.
PRO21	CLEANING/DEPAINTING OPERATION	N/A	63GG-3H	40 CFR Part 63, Subpart GG	Affected Source = All hand-wipe cleaning operations., Cleaning of Spray Gun = There is no cleaning of spray gun equipment or the cleaning is not done in accordance with 40 CFR § 63.744(c)(3)., Exempt



### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Operation = The cleaning operation is one of the exempt operations listed in 40 CFR § 63.744(e)(1)-(12).
PRO23-3	CLEANING/DEPAINTING OPERATION	N/A	R5421-3H	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.
PRO23-3	SURFACE COATING OPERATIONS	N/A	R5421-2	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
PRO23-3	SURFACE COATING OPERATIONS	N/A	R5421-3	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
PRO23-3	SURFACE COATING OPERATIONS	N/A	R5421-4	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Specialty coatings.
PRO23-3	CLEANING/DEPAINTING OPERATION	N/A	63GG-3G	40 CFR Part 63, Subpart GG	Affected Source = Spray gun cleaning operation., Cleaning of Spray Gun = The activity performed is the cleaning of spray gun equipment in accordance with 40 CFR § 63.744(c)(3)., Robotic System = Spray gun nozzle tips are not being cleaned from an automatic spray system or are being cleaned from an automatic spray system and is a robotic system that can be programmed to spray into a closed container as described in 40 CFR § 63.744(c)(5)., Enclosed System = The spray guns are cleaned within

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					an enclosed system., Non-Atomized Cleaning = The spray guns are cleaned by non-atomized cleaning., Disassembled Spray Gun Cleaning = Spray guns are disassembled for cleaning., Atomized Cleaning = Atomized cleaning is not used for cleaning of spray guns., Semi-Aqueous or Table 1 = Not all cleaning solvents used are semi-aqueous or listed in Table 1.
PRO23-3	CLEANING/DEPAINTING OPERATION	N/A	63GG-3H	40 CFR Part 63, Subpart GG	Affected Source = All hand-wipe cleaning operations.
PRO23-3	SURFACE COATING OPERATIONS	N/A	63GG-3P	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP Content = The coating is a low HAP content primer.
PRO23-3	SURFACE COATING OPERATIONS	N/A	63GG-3T	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation.
PRO26	CLEANING/DEPAINTING OPERATION	N/A	R5421-3H	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.
PRO26	SURFACE COATING OPERATIONS	N/A	R5421-2	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
PRO26	SURFACE COATING OPERATIONS	N/A	R5421-3	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
PRO26	SURFACE COATING OPERATIONS	N/A	R5421-4	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Specialty coatings.
PRO26	CLEANING/DEPAINTING OPERATION	N/A	63GG-3G	40 CFR Part 63, Subpart GG	Affected Source = Spray gun cleaning operation., Cleaning of Spray Gun = The activity performed is the cleaning of spray gun equipment in accordance with 40 CFR § 63.744(c)(3)., Robotic System = Spray gun nozzle tips are not being cleaned from an automatic spray system or are being cleaned from an automatic spray system and is a robotic system that can be programmed to spray into a closed container as described in 40 CFR § 63.744(c)(5)., Enclosed System = The spray guns are cleaned within an enclosed system., Non-Atomized Cleaning = The spray guns are cleaned by non-atomized cleaning., Disassembled Spray Gun Cleaning = Spray guns are disassembled for cleaning., Atomized Cleaning = Atomized cleaning is not used for cleaning of spray guns., Semi- Aqueous or Table 1 = Not all cleaning solvents used are semi- aqueous or listed in Table 1.
PRO26	CLEANING/DEPAINTING OPERATION	N/A	63GG-3H	40 CFR Part 63, Subpart GG	Affected Source = All hand-wipe cleaning operations., Exempt Operation = The cleaning operation is not exempt under 40 CFR § 63.744(e)(1)-(12).

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
PRO26	SURFACE COATING OPERATIONS	N/A	63GG-3P	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP Content = The coating is a low HAP content primer.
PRO26	SURFACE COATING OPERATIONS	N/A	63GG-3T	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation.
PRO99024	CLEANING/DEPAINTING OPERATION	N/A	63GG-1	40 CFR Part 63, Subpart GG	No changing attributes.
PROK-1	CLEANING/DEPAINTING OPERATION	N/A	R5421-3H	30 TAC Chapter 115, Subchapter E, Division 6	No changing attributes.
PROK-1	SURFACE COATING OPERATIONS	N/A	R5421-2	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Primer., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
PROK-1	SURFACE COATING OPERATIONS	N/A	R5421-3	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Topcoat., Comply with 40 CFR § 63.750 = The facility is complying with the test method requirements of 40 CFR § 63.750.
PROK-1	SURFACE COATING OPERATIONS	N/A	R5421-4	30 TAC Chapter 115, Surface Coating Operations	Aerospace Coating Type = Specialty coatings.
PROK-1	CLEANING/DEPAINTING OPERATION	N/A	63GG-3G	40 CFR Part 63, Subpart GG	Affected Source = Spray gun cleaning operation., Cleaning of Spray Gun = The activity performed is the cleaning of spray gun equipment in accordance with 40 CFR § 63.744(c)(3)., Robotic System = Spray gun nozzle tips are not being cleaned from an automatic spray system or are being cleaned

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					from an automatic spray system and is a robotic system that can be programmed to spray into a closed container as described in 40 CFR § 63.744(c)(5)., Enclosed System = The spray guns are cleaned within an enclosed system., Non-Atomized Cleaning = The spray guns are cleaned by non-atomized cleaning., Disassembled Spray Gun Cleaning = Spray guns are disassembled for cleaning., Atomized Cleaning = Atomized cleaning is not used for cleaning of spray guns., Semi-Aqueous or Table 1 = Not all cleaning solvents used are semi-aqueous or listed in Table 1.
PROK-1	CLEANING/DEPAINTING OPERATION	N/A	63GG-3H	40 CFR Part 63, Subpart GG	Affected Source = All hand-wipe cleaning operations., Exempt Operation = The cleaning operation is not exempt under 40 CFR § 63.744(e)(1)-(12).
PROK-1	SURFACE COATING OPERATIONS	N/A	63GG-3P	40 CFR Part 63, Subpart GG	Application Type = Primer application operation., Low HAP Content = The coating is a low HAP content primer.
PROK-1	SURFACE COATING OPERATIONS	N/A	63GG-3T	40 CFR Part 63, Subpart GG	Application Type = Topcoat operation.
PROPLT1FUG	SURFACE COATING OPERATIONS	N/A	R5421-4	30 TAC Chapter 115, Surface Coating Operations	No changing attributes.
PROPLT1FUG	CLEANING/DEPAINTING OPERATION	N/A	63GG-4	40 CFR Part 63, Subpart GG	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
WWTANK1	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5132-1	30 TAC Chapter 115, Water Separation	No changing attributes.
WWTANK2	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5132-1	30 TAC Chapter 115, Water Separation	No changing attributes.
WWTANK3	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5132-1	30 TAC Chapter 115, Water Separation	No changing attributes.
WWTANK4	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5132-1	30 TAC Chapter 115, Water Separation	No changing attributes.

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
14-BLR1	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	For a new or existing boiler or process heater with a heat input capacity of less than or equal to 5 million Btu per hour designed to burn gas 1, a tune-up of the boiler or process heater must be conducted every 5 years as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
27FLUSH	PRO	63GG-27F2	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27OVEN1	PRO	R5460-27H3	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
27OVEN1	PRO	R5421-27P3	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27OVEN1	PRO	R5421-27S3	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of specialty coatings as listed in subparagraph (B) of this paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C)	None
27OVEN1	PRO	R5421-27T3	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
27OVEN1	PRO	63GG-27H3	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27OVEN1	PRO	63GG-27P3	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27OVEN1	PRO	63GG-27T3	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27OVEN2	PRO	R5460-27H4	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
27OVEN2	PRO	R5421-27P4	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
27OVEN2	PRO	R5421-27S4	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of specialty coatings as listed in subparagraph (B) of this paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C)	None
27OVEN2	PRO	R5421-27T4	VOC	30 TAC Chapter 115, Surface	§ 115.421(10)(A)(ii) § 115.421	The VOC content of topcoats (including self-	§ 115.424(a) § 115.424(b)	§ 115.426 [G]§ 115.426(1)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Coating Operations	§ 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	[G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	
27OVEN2	PRO	63GG-27H4	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27OVEN2	PRO	63GG-27P4	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27OVEN2	PRO	63GG-27T4	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27OVEN3	PRO	R5460-27H7	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
27OVEN3	PRO	R5421-27P7	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
27OVEN3	PRO	R5421-27S7	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of specialty coatings as listed in subparagraph (B) of this paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C)	None
27OVEN3	PRO	R5421-27T7	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
27OVEN3	EU	63DDDDD-3	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1)	For a new or existing boiler or process heater with a heat input capacity of less	§ 63.7510(g) § 63.7515(d) § 63.7540(a)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a)	§ 63.7530(e) § 63.7530(f) § 63.7545(a)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.7500(a)(3) § 63.7500(d) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	than or equal to 5 million Btu per hour designed to burn gas 2 (other), a tune-up of the boiler or process heater must be conducted every 5 years as specified in § 63.7540.	[G]§ 63.7540(a)(10)	§ 63.7560(b) § 63.7560(c)	§ 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
27OVEN3	PRO	63GG-27H7	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27OVEN3	PRO	63GG-27P7	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27OVEN3	PRO	63GG-27T7	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27OVEN4	PRO	R5460-27H8	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
27OVEN4	PRO	R5421-27P8	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
27OVEN4	PRO	R5421-27S8	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of specialty coatings as listed in subparagraph (B) of this paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C)	None
27OVEN4	PRO	R5421-27T8	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
27OVEN4	EU	63DDDDD-4	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1)	For a new or existing boiler or process heater with a heat input capacity of less	§ 63.7510(g) § 63.7515(d) § 63.7540(a)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a)	§ 63.7530(e) § 63.7530(f) § 63.7545(a)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.7500(a)(3) § 63.7500(d) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	than or equal to 5 million Btu per hour designed to burn gas 2 (other), a tune-up of the boiler or process heater must be conducted every 5 years as specified in § 63.7540.	[G]§ 63.7540(a)(10)	§ 63.7560(b) § 63.7560(c)	§ 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
27OVEN4	PRO	63GG-27H8	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27OVEN4	PRO	63GG-27P8	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27OVEN4	PRO	63GG-27T8	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27PB1	PRO	R5460-27H1	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
27PB1	PRO	R5421-27P1	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
27PB1	PRO	R5421-27S1	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of specialty coatings as listed in subparagraph (B) of this paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C)	None
27PB1	PRO	R5421-27T1	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
27PB1	PRO	63GG-27G1	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with	The permit holder shall comply with the applicable requirements of 40 CFR	The permit holder shall comply with the applicable	The permit holder shall comply with the applicable	The permit holder shall comply with the applicable reporting

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	Part 63, Subpart GG	monitoring and testing requirements of 40 CFR Part 63, Subpart GG	recordkeeping requirements of 40 CFR Part 63, Subpart GG	requirements of 40 CFR Part 63, Subpart GG
27PB1	PRO	63GG-27H1	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27PB1	PRO	63GG-27P1	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27PB1	PRO	63GG-27T1	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG



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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27PB2	PRO	R5460-27H2	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
27PB2	PRO	R5421-27P2	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) § 115.422(5)(C) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
27PB2	PRO	R5421-27S2	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) § 115.422(5)(C) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of specialty coatings as listed in subparagraph (B) of this paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C)	None
27PB2	PRO	R5421-27T2	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) § 115.422(5)(C) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27PB2	PRO	63GG-27F2	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27PB2	PRO	63GG-27G2	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27PB2	PRO	63GG-27H2	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27PB2	PRO	63GG-27P2	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					CFR Part 63, Subpart GG				
27PB2	PRO	63GG-27T2	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27PB3	PRO	R5460-27H5	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
27PB3	PRO	R5421-27P5	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
27PB3	PRO	R5421-27S5	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of specialty coatings as listed in subparagraph (B) of this paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27PB3	PRO	R5421-27T5	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
27PB3	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.2 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(11) § 63.7540(a)(13)	A new or existing boiler or process heater with heat input capacity of less than 10 million Btu per hour, but greater than 5 million Btu per hour, in a unit designed to burn gas 2 (other) or unit designed to burn light liquid must conduct a tune-up of the boiler or process heater biennially as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
27PB3	PRO	63GG-27G5	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27PB3	PRO	63GG-27H5	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63,	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					requirements of 40 CFR Part 63, Subpart GG		Subpart GG		
27PB3	PRO	63GG-27P5	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27PB3	PRO	63GG-27T5	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27PB4	PRO	R5460-27H6	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
27PB4	PRO	R5421-27P6	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.426 § 115.427(6)				
27PB4	PRO	R5421-27S6	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of specialty coatings as listed in subparagraph (B) of this paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C)	None
27PB4	PRO	R5421-27T6	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
27PB4	EU	63DDDDD-2	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(d) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	For a new or existing boiler or process heater with a heat input capacity of less than or equal to 5 million Btu per hour designed to burn gas 2 (other), a tune-up of the boiler or process heater must be conducted every 5 years as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
27PB4	PRO	63GG-27G6	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63,	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					requirements of 40 CFR Part 63, Subpart GG		Subpart GG		
27PB4	PRO	63GG-27H6	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27PB4	PRO	63GG-27P6	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27PB4	PRO	63GG-27T6	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
27PK1EXH	EP	R5120-271	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
27PK1EXH	EP	R5120-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
27PK1EXH	EP	R5120-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in §115.121(a)(1) of this title with a concentration of VOC less than 612 parts per million by volume (ppmv) is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
29	EU	63DDDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.2 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a)	A new or existing boiler or process heater with heat input capacity of less than 10 million Btu per hour, but greater than 5 million Btu per hour, in a unit designed to burn gas 1 must conduct	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e)



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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.7540(a)(10) § 63.7540(a)(11) § 63.7540(a)(13)	a tune-up of the boiler or process heater biennially as specified in § 63.7540.	[G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7560(c)	[G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
2SPARCELL-BLRA	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.2 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(11) § 63.7540(a)(13)	A new or existing boiler or process heater with heat input capacity of less than 10 million Btu per hour, but greater than 5 million Btu per hour, in a unit designed to burn gas 1 must conduct a tune-up of the boiler or process heater biennially as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
2SPARCELL-BLRB	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.2 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(11) § 63.7540(a)(13)	A new or existing boiler or process heater with heat input capacity of less than 10 million Btu per hour, but greater than 5 million Btu per hour, in a unit designed to burn gas 1 must conduct a tune-up of the boiler or process heater biennially as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
2SPARCELL-BLRC	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.2 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(11)	A new or existing boiler or process heater with heat input capacity of less than 10 million Btu per hour, but greater than 5 million Btu per hour, in a unit designed to burn gas 1 must conduct a tune-up of the boiler or process heater biennially as	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.7540(a)(13)	specified in § 63.7540.	[G]§ 63.7540(c)		[G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
2SPARCELL-BLRD	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.2 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(11) § 63.7540(a)(13)	A new or existing boiler or process heater with heat input capacity of less than 10 million Btu per hour, but greater than 5 million Btu per hour, in a unit designed to burn gas 1 must conduct a tune-up of the boiler or process heater biennially as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
30-TRCB-BLR1	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.2 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(11) § 63.7540(a)(13)	A new or existing boiler or process heater with heat input capacity of less than 10 million Btu per hour, but greater than 5 million Btu per hour, in a unit designed to burn gas 1 must conduct a tune-up of the boiler or process heater biennially as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
31	EU	60DC-2	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i) ** See Alternative Requirements	[G]§ 60.48c(a)
31	EU	60DC-2	PM (Opacity)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed,	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3)	[G]§ 60.48c(a)

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						or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).		§ 60.48c(i) ** See Alternative Requirements	
31	EU	60DC-2	SO <sub>2</sub>	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i) ** See Alternative Requirements	[G]§ 60.48c(a)
31	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
32	EU	60DC-2	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i) ** See Alternative Requirements	[G]§ 60.48c(a)
32	EU	60DC-2	PM (Opacity)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)

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						that has a maximum design heat input capacity of 2.9-29 megawatts (MW).		** See Alternative Requirements	
32	EU	60DC-2	SO <sub>2</sub>	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i) ** See Alternative Requirements	[G]§ 60.48c(a)
32	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
36-1A	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
36-2A	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.			
36-PNT3	PRO	R5421-1	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
36-PNT3	PRO	R5421-2	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
36-PNT3	PRO	63GG-3P	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
36-PNT3	PRO	63GG-3T	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					and/or equipment specification requirements of 40 CFR Part 63, Subpart GG		requirements of 40 CFR Part 63, Subpart GG	Part 63, Subpart GG	
36-PNT4	PRO	R5421-1	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
36-PNT4	PRO	R5421-2	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
36-PNT4	PRO	63GG-3P	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
36-PNT4	PRO	63GG-3T	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and	The permit holder shall comply with the applicable recordkeeping	The permit holder shall comply with the applicable reporting requirements of 40 CFR

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG		testing requirements of 40 CFR Part 63, Subpart GG	requirements of 40 CFR Part 63, Subpart GG	Part 63, Subpart GG
36-PNT7	PRO	R5421-3H	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
36-PNT7	PRO	R5421-1	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
36-PNT7	PRO	R5421-2	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
36-PNT7	PRO	63GG-3G	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					specification requirements of 40 CFR Part 63, Subpart GG		CFR Part 63, Subpart GG		
36-PNT7	PRO	63GG-3H	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
36-PNT7	PRO	63GG-3P	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
36-PNT7	PRO	63GG-3T	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
36-PNT8	PRO	R5421-3H	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).			
36-PNT8	PRO	R5421-1	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
36-PNT8	PRO	R5421-2	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
36-PNT8	PRO	63GG-3G	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
36-PNT8	PRO	63GG-3H	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					and/or equipment specification requirements of 40 CFR Part 63, Subpart GG		requirements of 40 CFR Part 63, Subpart GG	Part 63, Subpart GG	
36-PNT8	PRO	63GG-3P	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
36-PNT8	PRO	63GG-3T	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
36Q	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	For a new or existing boiler or process heater with a heat input capacity of less than or equal to 5 million Btu per hour designed to burn gas 1, a tune-up of the boiler or process heater must be conducted every 5 years as specified in § 63.7540.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
36R	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.2 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(11) § 63.7540(a)(13)	A new or existing boiler or process heater with heat input capacity of less than 10 million Btu per hour, but greater than 5 million Btu per hour, in a unit designed to burn gas 1 must conduct a tune-up of the boiler or process heater biennially as specified in § 63.7540.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
4943	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
56-ABPRIME-PNT	PRO	R5421-1	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
56-ABPRIME-PNT	PRO	63GG-1H	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63,	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					Subpart GG				
56-BLR1	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.2 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(11) § 63.7540(a)(13)	A new or existing boiler or process heater with heat input capacity of less than 10 million Btu per hour, but greater than 5 million Btu per hour, in a unit designed to burn gas 1 must conduct a tune-up of the boiler or process heater biennially as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
56-BLR2	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.2 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(11) § 63.7540(a)(13)	A new or existing boiler or process heater with heat input capacity of less than 10 million Btu per hour, but greater than 5 million Btu per hour, in a unit designed to burn gas 1 must conduct a tune-up of the boiler or process heater biennially as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
61EMERGG 1	EU	60IIII-61-EG1	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4204(f) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40	None	None	[G]§ 60.4214(d) § 60.4214(e)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.			
61EMERGG 1	EU	60IIII-61-EG1	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4204(f) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 560 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NO <sub>x</sub> emission limit of 6.4 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	None	None	[G]§ 60.4214(d) § 60.4214(e)
61EMERGG 1	EU	60IIII-61-EG1	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4204(f) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	None	None	[G]§ 60.4214(d) § 60.4214(e)
61EMERGG 1	EU	63ZZZZ-61-EG1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of	None	None	§ 63.6645(f)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).			
61EMERGG 2	EU	60III-61-EG1	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4204(f) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	None	None	[G]§ 60.4214(d) § 60.4214(e)
61EMERGG 2	EU	60III-61-EG1	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4204(f) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 560 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NO <sub>x</sub> emission limit of 6.4 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	None	None	[G]§ 60.4214(d) § 60.4214(e)
61EMERGG 2	EU	60III-61-EG1	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2)	Owners and operators of emergency stationary CI ICE, that are not fire pump	None	None	[G]§ 60.4214(d) § 60.4214(e)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.4204(f) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.			
61EMERGG 2	EU	63ZZZZ- 61-EG2	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(f)
7235302A	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
97-010	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						title.			
97-011	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
97-012	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
99005	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
99006	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
99007	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC)	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.			
99008	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
99013	EU	R5112-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(5) § 115.118(a)(7)	None
99014	EU	R5112-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
99015	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
99016	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
99017	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
99018	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
99019	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						24-hour period is exempt from §115.121(a)(1) of this title.			
99020	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
99022	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
9A-1	EU	R5112-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
9A-2	EU	R5112-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
9A-3	EU	R5112-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						vapor pressure less than 1.5 psia is exempt from the requirements of this division.			
9A-4	EU	R5112-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
BLD36VP1	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
BLD36VP2	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
BLD36VPF	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
BLD36VPG	EP	R5121-1	VOC	30 TAC Chapter	§ 115.127(a)(2)(A)	A vent gas stream having a	[G]§ 115.125	§ 115.126	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				115, Vent Gas Controls	[G]§ 115.122(a)(4) § 115.127(a)(2)	combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	§ 115.126(2)	§ 115.126(2) § 115.126(4)	
BLDG2-CLAVEVP	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2) § 115.126(3)(B)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(3)(B)	None
BLDG2-CLAVEVP	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in § 115.121(a)(1) of this title with a concentration of VOC < 612 ppmv is exempt from § 115.121(a)(1).	[G]§ 115.125 § 115.126(2) § 115.126(3)(C)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(3)(C)	None
BLDG28-CLAVEVP	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2) § 115.126(3)(B)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(3)(B)	None
BLDG28-CLAVEVP	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in § 115.121(a)(1) of this title with a concentration of VOC < 612 ppmv is exempt from § 115.121(a)(1).	[G]§ 115.125 § 115.126(2) § 115.126(3)(C)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(3)(C)	None
BLDG30-CLAVEVP	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in § 115.121(a)(1) of this title with a concentration of	[G]§ 115.125 § 115.126(2) § 115.126(3)(C)	§ 115.126 § 115.126(2) § 115.126(3)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						VOC < 612 ppmv is exempt from § 115.121(a)(1).		§ 115.126(3)(C)	
BLDG30-CLAVEVP	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2) § 115.126(3)(B)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(3)(B)	None
BLDG36PR SBLR1	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	For a new or existing boiler or process heater with a heat input capacity of less than or equal to 5 million Btu per hour designed to burn gas 1, a tune-up of the boiler or process heater must be conducted every 5 years as specified in § 63.7540.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
BLDG36PR SBLR2	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	For a new or existing boiler or process heater with a heat input capacity of less than or equal to 5 million Btu per hour designed to burn gas 1, a tune-up of the boiler or process heater must be conducted every 5 years as specified in § 63.7540.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
CD B5-1	EU	R5412-2	VOC	30 TAC Chapter 115, Degreasing Processes	§ 115.411(4)	An owner or operator who operates a remote reservoir cold solvent cleaner that	None	§ 115.416 § 115.416(4) § 115.416(4)(B)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						uses solvent with a true vapor pressure equal to or less than 0.6 psia (4.1 kPa) measured at 100 degrees Fahrenheit (38 degrees Celsius) and that has a drain area less than 16 in2 (100 cm2) and who properly disposes of waste solvent in enclosed containers is exempt from §115.412(1) of this title.			
GRPCLDDG R	EU	R5412-1	VOC	30 TAC Chapter 115, Degreasing Processes	§ 115.412(1) § 115.411(1) § 115.411(2) [G]§ 115.412(1)(A) § 115.412(1)(C) [G]§ 115.412(1)(F)	No person shall own or operate a system utilizing a VOC for the cold solvent cleaning of objects without the controls listed in §115.412(1)(A)-(F), except as exempted in §115.411.	[G]§ 115.415(1) § 115.415(3) ** See Periodic Monitoring Summary	§ 115.416 § 115.416(4) § 115.416(4)(A) § 115.416(4)(B)	None
PRO10	PRO	R5421-3H	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
PRO10	PRO	R5421-2	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
PRO10	PRO	R5421-3	VOC	30 TAC Chapter 115, Surface	§ 115.421(10)(A)(ii) § 115.421	The VOC content of topcoats (including self-	§ 115.424(a) § 115.424(b)	§ 115.426 [G]§ 115.426(1)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Coating Operations	§ 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	[G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	
PRO10	PRO	R5421-4	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of specialty coatings as listed in subparagraph (B) of this paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C)	None
PRO10	PRO	63GG-3G	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO10	PRO	63GG-3H	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO10	PRO	63GG-3P	112(B)	40 CFR Part 63,	§ 63.741(a)	The permit holder shall	The permit holder	The permit holder shall	The permit holder shall



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			HAPS	Subpart GG	The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	comply with the applicable requirements of 40 CFR Part 63, Subpart GG	shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO10	PRO	63GG-3T	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO13	PRO	R5421-4	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of specialty coatings as listed in subparagraph (B) of this paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C)	None
PRO14	PRO	R5421-62-1	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(8)(A) § 115.421 § 115.421(8)(B) § 115.421(8)(C) § 115.426	VOC emissions from the coating of miscellaneous metal parts and products shall not exceed 3.0 lbs/gal (0.36 kg/L) of coating (minus water and exempt solvent) delivered for all other coating applications, including high-bake coatings.	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PRO14	PRO	R5421-62-2	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(14) § 115.421 § 115.426	VOC emissions from the coating of wood parts and products shall not exceed 6.5 pounds per gallon (0.78 kg/liter) of coating (minus water and exempt solvent) as delivered to the application system for wash coats. All VOC emissions from solvent washings must be included in determination of compliance with the emission limitations in this paragraph, unless the solvent is directed into containers that prevent evaporation into the atmosphere.	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1)	None
PRO14	PRO	60EE	VOC	40 CFR Part 60, Subpart EE	§ 60.310(c)	A metal furniture coating operation that uses less than 3842 L (1015 gal) of coating/yr and keeps records to verify annual usage is exempt from other provisions of this subpart. Facility must maintain records at least 2 yrs.	None	§ 60.310(c)	None
PRO21	PRO	63GG-1G	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO21	PRO	63GG-3H	112(B)	40 CFR Part 63,	§ 63.741(a)	The permit holder shall	The permit holder	The permit holder shall	The permit holder shall

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			HAPS	Subpart GG	The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	comply with the applicable requirements of 40 CFR Part 63, Subpart GG	shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO23-3	PRO	R5421-3H	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
PRO23-3	PRO	R5421-2	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
PRO23-3	PRO	R5421-3	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
PRO23-3	PRO	R5421-4	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 § 115.421(10)	The VOC content of specialty coatings as listed in subparagraph (B) of this	§ 115.424(a) § 115.424(b) [G]§ 115.425(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	[G]§ 115.426(5)(C)	
PRO23-3	PRO	63GG-3G	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO23-3	PRO	63GG-3H	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO23-3	PRO	63GG-3P	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO23-3	PRO	63GG-3T	112(B)	40 CFR Part 63,	§ 63.741(a)	The permit holder shall	The permit holder	The permit holder shall	The permit holder shall

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			HAPS	Subpart GG	The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	comply with the applicable requirements of 40 CFR Part 63, Subpart GG	shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO26	PRO	R5421-3H	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
PRO26	PRO	R5421-2	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
PRO26	PRO	R5421-3	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(ii) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of topcoats (including self-priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
PRO26	PRO	R5421-4	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 § 115.421(10)	The VOC content of specialty coatings as listed in subparagraph (B) of this	§ 115.424(a) § 115.424(b) [G]§ 115.425(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	[G]§ 115.426(5)(C)	
PRO26	PRO	63GG-3G	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO26	PRO	63GG-3H	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO26	PRO	63GG-3P	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO26	PRO	63GG-3T	112(B)	40 CFR Part 63,	§ 63.741(a)	The permit holder shall	The permit holder	The permit holder shall	The permit holder shall

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			HAPS	Subpart GG	The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	comply with the applicable requirements of 40 CFR Part 63, Subpart GG	shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PRO99024	PRO	63GG-1	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PROK-1	PRO	R5421-3H	VOC	30 TAC Chapter 115, Subchapter E, Division 6	§ 115.463(a)(2) [G]§ 115.463(c)	The owner or operator shall limit the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).	[G]§ 115.465(1)	§ 115.468(b)(1) § 115.468(b)(5)	None
PROK-1	PRO	R5421-2	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(A)(i) § 115.421 [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of primer shall not exceed 350 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.424(a) § 115.424(b) § 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	None
PROK-1	PRO	R5421-3	VOC	30 TAC Chapter 115, Surface	§ 115.421(10)(A)(ii) § 115.421	The VOC content of topcoats (including self-	§ 115.424(a) § 115.424(b)	§ 115.426 [G]§ 115.426(1)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Coating Operations	§ 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	priming topcoats) shall not exceed 420 grams of VOC/liter of coating, less water and exempt solvent.	§ 115.425(5)(C) § 115.425(5)(D) § 115.425(6) [G]§ 115.426(1)	[G]§ 115.426(5)(A) [G]§ 115.426(5)(C) § 115.426(6)	
PROK-1	PRO	R5421-4	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of specialty coatings as listed in subparagraph (B) of this paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C)	None
PROK-1	PRO	63GG-3G	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PROK-1	PRO	63GG-3H	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PROK-1	PRO	63GG-3P	112(B)	40 CFR Part 63,	§ 63.741(a)	The permit holder shall	The permit holder	The permit holder shall	The permit holder shall



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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			HAPS	Subpart GG	The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	comply with the applicable requirements of 40 CFR Part 63, Subpart GG	shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PROK-1	PRO	63GG-3T	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG
PROPLT1F UG	PRO	R5421-4	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(10)(B) § 115.421 § 115.421(10) [G]§ 115.422(5)(A) [G]§ 115.422(5)(B) [G]§ 115.422(5)(D) § 115.422(5)(E) § 115.426 § 115.427(6)	The VOC content of specialty coatings as listed in subparagraph (B) of this paragraph shall not exceed the specified limits grams of VOC/liter of coating, less water and exempt solvent in Figure: 30 TAC §115.421(10)(B).	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(5)(A) § 115.425(5)(C) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1) [G]§ 115.426(5)(A) [G]§ 115.426(5)(C)	None
PROPLT1F UG	PRO	63GG-4	112(B) HAPS	40 CFR Part 63, Subpart GG	§ 63.741(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GG

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
WWTANK1	EU	R5132-1	VOC	30 TAC Chapter 115, Water Separation	§ 115.137(a)(2) [G]§ 115.132(a)(4)	Any single or multiple compartment VOC water separator which separates materials having a true vapor pressure of VOC < .5 psia obtained from any equipment is exempt from §115.132(a).	[G]§ 115.135(a) § 115.136(a)(1) § 115.136(a)(3) § 115.136(a)(4)	§ 115.136(a)(1) § 115.136(a)(3) § 115.136(a)(4)	None
WWTANK2	EU	R5132-1	VOC	30 TAC Chapter 115, Water Separation	§ 115.137(a)(2) [G]§ 115.132(a)(4)	Any single or multiple compartment VOC water separator which separates materials having a true vapor pressure of VOC < .5 psia obtained from any equipment is exempt from §115.132(a).	[G]§ 115.135(a) § 115.136(a)(1) § 115.136(a)(3) § 115.136(a)(4)	§ 115.136(a)(1) § 115.136(a)(3) § 115.136(a)(4)	None
WWTANK3	EU	R5132-1	VOC	30 TAC Chapter 115, Water Separation	§ 115.137(a)(2) [G]§ 115.132(a)(4)	Any single or multiple compartment VOC water separator which separates materials having a true vapor pressure of VOC < .5 psia obtained from any equipment is exempt from §115.132(a).	[G]§ 115.135(a) § 115.136(a)(1) § 115.136(a)(3) § 115.136(a)(4)	§ 115.136(a)(1) § 115.136(a)(3) § 115.136(a)(4)	None
WWTANK4	EU	R5132-1	VOC	30 TAC Chapter 115, Water Separation	§ 115.137(a)(2) [G]§ 115.132(a)(4)	Any single or multiple compartment VOC water separator which separates materials having a true vapor pressure of VOC < .5 psia obtained from any equipment is exempt from §115.132(a).	[G]§ 115.135(a) § 115.136(a)(1) § 115.136(a)(3) § 115.136(a)(4)	§ 115.136(a)(1) § 115.136(a)(3) § 115.136(a)(4)	None

## **Additional Monitoring Requirements**

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### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 99013	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-2
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: It is a deviation if records of tank specifications that indicate that the tank meets the criteria outlined in the 'Periodic Monitoring Text' below are not maintained.	
Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 99013	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-2
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: N/A	
Deviation Limit: It is a deviation when necessary repairs of the pipe are not completed prior to refilling the storage vessel.	
<p>Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPCLDDGR	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Degreasing Processes	SOP Index No.: R5412-1
Pollutant: VOC	Main Standard: § 115.412(1)
Monitoring Information	
Indicator: Maintain Records	
Minimum Frequency: Monthly	
Averaging Period: N/A	
Deviation Limit: It is a deviation when the cold cleaner is not in compliance with 30 TAC §115.412(1)(A)-(F).	
Periodic Monitoring Text: Inspect equipment and record data quarterly to ensure compliance with §115.412(1)(A)-(F). Any monitoring data which indicates that the cold cleaner is not in compliance with §115.412(1)(A)-(F), except as exempt by §115.411(1) and (2), shall be considered and reported as a deviation.	

**Permit Shield**

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### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
10A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
10A	N/A	40 CFR Part 60, Subpart Kb	Storage tank does not store volatile organic compounds.
11A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
11A	N/A	40 CFR Part 60, Subpart Kb	Storage tank does not store volatile organic compounds.
12A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
12A	N/A	40 CFR Part 60, Subpart Kb	Storage tank does not store volatile organic compounds.
12A-2	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
12A-2	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.
13A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
13A	N/A	40 CFR Part 60, Subpart Kb	Storage tank does not store volatile organic compounds.
14-BLR1	N/A	30 TAC Chapter 112, Sulfur Compounds	Unit does not combust liquid fuel.
14-BLR1	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
14-BLR1	N/A	40 CFR Part 60, Subpart Dc	Maximum design heat input capacity of this unit is less than 10.00 MMBtu/hr.
14A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic



### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			compounds.
14A	N/A	40 CFR Part 60, Subpart Kb	Storage tank does not store volatile organic compounds.
16A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
16A	N/A	40 CFR Part 60, Subpart Kb	Storage tank does not store volatile organic compounds.
17A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
17A	N/A	40 CFR Part 60, Subpart Kb	Storage tank does not store volatile organic compounds.
18A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage vessel capacity is less than or equal to 1,000 gallons (3,785L) and vapor pressure is less than 1.5 psia.
18A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.
21A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
21A	N/A	40 CFR Part 60, Subpart Kb	Storage tank does not store volatile organic compounds.
22A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
22A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.
23-1 AMU	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heater is fired by natural gas.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
23-1 AMU	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
23-2 AMU	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heater is fired by natural gas.
23-2 AMU	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
23-3 AMU	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heater is fired by Natural Gas.
23-3 AMU	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
23A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
23A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.
24A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
24A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.
25PNT1	N/A	40 CFR Part 63, Subpart GG	MACT GG does not regulate R & D, quality control or laboratory testing activities.
25SG-2	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
27OVEN1	N/A	30 TAC Chapter 117, Minor Source Combustion	This unit is an oven, not a stationary RICE.
27OVEN1	N/A	30 TAC Chapter 117, Subchapter B	Plant 1 is not a major source of NOX as defined in 30 TAC 117.10.
27OVEN2	N/A	30 TAC Chapter 117, Minor Source Combustion	This unit is an oven, not a stationary RICE
27OVEN2	N/A	30 TAC Chapter 117, Subchapter B	Plant 1 is not a major source of NOX as defined in 30 TAC 117.10

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
28-CLAVE-1	N/A	30 TAC Chapter 112, Sulfur Compounds	This unit only uses natural gas as a fuel.
28-CLAVE-1	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
29	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
29	N/A	40 CFR Part 60, Subpart Dc	Construction of facility was commenced before 06/09/1989 and heat input capacity is less than 10MMBtu/Hr.
2SPARCELL-BLRA	N/A	30 TAC Chapter 112, Sulfur Compounds	This boiler only uses natural gas as a fuel.
2SPARCELL-BLRA	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
2SPARCELL-BLRA	N/A	40 CFR Part 60, Subpart Dc	Maximum design heat input capacity of this unit is less than 10 MMBtu/hr.
2SPARCELL-BLRB	N/A	30 TAC Chapter 112, Sulfur Compounds	This boiler only uses natural gas as a fuel.
2SPARCELL-BLRB	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
2SPARCELL-BLRB	N/A	40 CFR Part 60, Subpart Dc	Maximum design heat input capacity of this unit is less than 10 MMBtu/hr.
2SPARCELL-BLRC	N/A	30 TAC Chapter 112, Sulfur Compounds	This boiler only uses natural gas as a fuel.
2SPARCELL-BLRC	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
2SPARCELL-BLRC	N/A	40 CFR Part 60, Subpart Dc	Maximum design heat input capacity of this unit is less than 10 MMBtu/hr.
2SPARCELL-BLRD	N/A	30 TAC Chapter 112, Sulfur Compounds	This boiler only uses natural gas as a fuel.
2SPARCELL-BLRD	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
2SPARCELL-BLRD	N/A	40 CFR Part 60, Subpart Dc	Maximum design heat input capacity of this unit is less than 10 MMBtu/hr.
2SPARCELL-BLRE	N/A	30 TAC Chapter 112, Sulfur Compounds	This boiler only uses natural gas as a fuel.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
2SPARCELL-BLRE	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
2SPARCELL-BLRE	N/A	40 CFR Part 60, Subpart Dc	Maximum design heat input capacity of this unit is less than 10.00 MMBtu/hr.
30	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
30	N/A	40 CFR Part 60, Subpart Dc	Construction of facility was commenced before 06/09/1989 and heat input capacity is less than 10MMBtu/Hr.
30-AMU1	N/A	30 TAC Chapter 112, Sulfur Compounds	This unit only uses natural gas as a fuel.
30-AMU1	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
30-AMU2	N/A	30 TAC Chapter 112, Sulfur Compounds	This unit only uses natural gas as fuel.
30-AMU2	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
30-AMU3	N/A	30 TAC Chapter 112, Sulfur Compounds	This unit only uses natural gas as fuel.
30-AMU3	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
30-TRCB-BLR1	N/A	30 TAC Chapter 112, Sulfur Compounds	Boiler only uses natural gas as fuel. Does not combust liquid fuel.
30-TRCB-BLR1	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
30-TRCB-BLR1	N/A	40 CFR Part 60, Subpart Dc	Maximum design heat input capacity of this unit is less than 10.00 MMBtu/hr.
31	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
32	N/A	30 TAC Chapter 117, Commercial	Site not a major source for NOx.
32A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage vessel capacity is less than or equal to 1,000 gallons (3,785L) and vapor pressure is less than 1.5 psia.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
32A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.
35	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heater is fired by Natural Gas.
35	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
36	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heater is fired by Natural Gas.
36	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
36-1	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heater is fired by Natural Gas.
36-1	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
36-2	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heater is fired by Natural Gas.
36-2	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
36-PNT1	N/A	30 TAC Chapter 112, Sulfur Compounds	This unit only uses natural gas as a fuel.
36-PNT1	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
36-PNT2	N/A	30 TAC Chapter 112, Sulfur Compounds	This unit only uses natural gas as a fuel.
36-PNT2	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
36-PNT5	N/A	30 TAC Chapter 112, Sulfur Compounds	This unit only uses natural gas as a fuel.
36-PNT5	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
36-PNT6	N/A	30 TAC Chapter 112, Sulfur Compounds	This unit only uses natural gas as a fuel.
36-PNT6	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
36AB	N/A	30 TAC Chapter 112, Sulfur Compounds	Boiler only uses natural gas as fuel. Does not combust liquid fuel.
36AB	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
36AB	N/A	40 CFR Part 60, Subpart Dc	Maximum design heat input capacity of this unit is less than 10.00 MMBtu/hr.
36Q	N/A	30 TAC Chapter 112, Sulfur Compounds	Boiler only uses natural gas as fuel. Does not combust liquid fuel.
36Q	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
36Q	N/A	40 CFR Part 60, Subpart Dc	Maximum design heat input capacity of this unit is less than 10.00 MMBtu/hr.
36R	N/A	30 TAC Chapter 112, Sulfur Compounds	Boiler only uses natural gas as fuel. Does not combust liquid fuel.
36R	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
36R	N/A	40 CFR Part 60, Subpart Dc	Maximum design heat input capacity of this unit is less than 10.00 MMBtu/hr.
56-ABPRIME-AMU	N/A	30 TAC Chapter 112, Sulfur Compounds	This unit only uses natural gas as fuel. Does not combust liquid fuel.
56-ABPRIME-AMU	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
56-BLR1	N/A	30 TAC Chapter 112, Sulfur Compounds	Unit does not combust liquid fuel.
56-BLR1	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
56-BLR1	N/A	40 CFR Part 60, Subpart Dc	Maximum design heat input capacity of this unit is less than 10.00 MMBtu/hr.
56-BLR2	N/A	30 TAC Chapter 112, Sulfur Compounds	Unit does not combust liquid fuel.
56-BLR2	N/A	30 TAC Chapter 117, Subchapter B	This facility is not a major source of NOx.
56-BLR2	N/A	40 CFR Part 60, Subpart Dc	Maximum design heat input capacity of this unit is less than 10.00 MMBtu/hr.
61EMERGG1	N/A	30 TAC Chapter 117, Subchapter B	The plant is not a major source of NOx

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			emissions as defined in 30 TAC § 117.10.
61EMERGG2	N/A	30 TAC Chapter 117, Subchapter B	The plant is not a major source of NOx emissions as defined in 30 TAC § 117.10.
7230215	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heater is fired by Natural Gas.
7230215	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source for NOx.
7235302	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heater is fired by Natural Gas.
7235302	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
73	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heater is fired by Natural Gas.
73	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
76	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heater is fired by Natural Gas.
76	N/A	30 TAC Chapter 117, Subchapter B	Site is not a major source of NOx.
99014	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.
99014	N/A	40 CFR Part 63, Subpart OO	The emission unit is not subject to any parts of 40 CFR parts 60, 61, or 63 as a control device.
9A-1	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is greater than 75 meters cubic but less than 151 meters cubic storing liquid with a maximum vapor pressure less than 15 kPa.
9A-2	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is greater than 75 meters cubic but less than 151 meters cubic storing liquid with a maximum vapor pressure less than 15 kPa.
9A-3	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is greater than 75 meters cubic but less than 151 meters cubic storing liquid with a maximum vapor pressure less than 15 kPa.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
9A-4	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is greater than 75 meters cubic but less than 151 meters cubic storing liquid with a maximum vapor pressure less than 15 kPa.
B36PRSBLR1	N/A	30 TAC Chapter 112, Sulfur Compounds	The unit uses only natural gas.
B36PRSBLR1	N/A	30 TAC Chapter 117, Subchapter B	The site is not a major source of NOx.
B36PRSBLR1	N/A	40 CFR Part 60, Subpart Dc	In accordance with 60.40c(a), this boiler has a maximum design heat capacity less than 10 million Btu/hr.
B36PRSBLR2	N/A	30 TAC Chapter 112, Sulfur Compounds	The unit uses only natural gas.
B36PRSBLR2	N/A	30 TAC Chapter 117, Subchapter B	The site is not a major source of NOx.
B36PRSBLR2	N/A	40 CFR Part 60, Subpart Dc	In accordance with 60.40c(a), this boiler has a maximum design heat capacity less than 10 million Btu/hr.
BDG36CTA	N/A	40 CFR Part 63, Subpart Q	Cooling tower is not operated with chromium-based water treatment chemicals.
BDG36CTB	N/A	40 CFR Part 63, Subpart Q	Cooling tower is not operated with chromium-based water treatment chemicals.
BDG36CTC	N/A	40 CFR Part 63, Subpart Q	Cooling tower is not operated with chromium-based water treatment chemicals.
BLDG26CT	N/A	40 CFR Part 63, Subpart Q	Cooling tower is not operated with chromium-based water treatment chemicals.
BLDG2CTA	N/A	40 CFR Part 63, Subpart Q	Cooling tower is not operated with chromium-based water treatment chemicals.
BLDG2CTB	N/A	40 CFR Part 63, Subpart Q	Cooling tower is not operated with chromium-based water treatment chemicals.



### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
BLDG2CTC	N/A	40 CFR Part 63, Subpart Q	Cooling tower is not operated with chromium-based water treatment chemicals.
BLDG2CTD	N/A	40 CFR Part 63, Subpart Q	Cooling tower is not operated with chromium-based water treatment chemicals.
BLDG2CTE	N/A	40 CFR Part 63, Subpart Q	Cooling tower is not operated with chromium-based water treatment chemicals.
BLDG2CTF	N/A	40 CFR Part 63, Subpart Q	Cooling tower is not operated with chromium-based water treatment chemicals.
BLDG30 CT1	N/A	40 CFR Part 63, Subpart Q	Cooling tower does not use compounds containing chromium.
DO65FINAL	N/A	30 TAC Chapter 112, Sulfur Compounds	The unit uses only natural gas.
DO65FINAL	N/A	30 TAC Chapter 117, Subchapter B	This source is not a major source of Nitrogen Oxides.
DO65NORTH	N/A	30 TAC Chapter 112, Sulfur Compounds	The unit uses only natural gas.
DO65NORTH	N/A	30 TAC Chapter 117, Subchapter B	This source is not a major source of Nitrogen Oxides.
DO65SOUTH	N/A	30 TAC Chapter 112, Sulfur Compounds	The unit uses only natural gas.
DO65SOUTH	N/A	30 TAC Chapter 117, Subchapter B	This source is not a major source of Nitrogen Oxides.
GRPCLDDGR	CD B12-1, CD B12-2, CD B12-3, CD B2-1, CD B20-1, CD B24-1, CD B27-1, CD B29-1, CD B29-2, CD B36-1	40 CFR Part 63, Subpart T	This unit does not use any halogenated HAP solvent.
PRO 19-1	N/A	30 TAC Chapter 115, Surface Coating Operations	Research and development activities are exempt from Reg V requirements.
PRO 19-1	N/A	40 CFR Part 63, Subpart GG	Research and development activities are

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			exempt from Subpart GG.
PRO1	N/A	30 TAC Chapter 115, Surface Coating Operations	Research and development activities are exempt from hand wipe cleaning requirements.
PRO1	N/A	40 CFR Part 63, Subpart GG	Research and development activities are exempt from hand wipe cleaning requirements.
PRO13	N/A	40 CFR Part 63, Subpart GG	This operation is cleaning and surface coating of tools. Aircraft part are not cleaned or coated in this operation.
PRO14	N/A	40 CFR Part 63, Subpart GG	40 CFR, Subpart GG does not apply as the facility is not an affected facility.
PROB29PNT1	N/A	30 TAC Chapter 115, Surface Coating Operations	Research and development activities are exempt from 30 TAC Chapter 115 requirements.
PROB29PNT1	N/A	40 CFR Part 63, Subpart GG	Research and development activities are exempt from 40 CFR 63 Subpart GG
PROB29PNT2	N/A	30 TAC Chapter 115, Surface Coating Operations	Research and development activities are exempt from Reg V requirements.
PROB29PNT2	N/A	40 CFR Part 63, Subpart GG	Research and development activities are exempt from 40 CFR 63 Subpart GG.
PROB29PNT2	N/A	40 CFR Part 63, Subpart GG	Research and development activities are exempt from hand wipe cleaning requirements.
PROB29PNT3	N/A	30 TAC Chapter 115, Surface Coating Operations	In accordance with 115.427(a)(3)(J), cleaning and coating of electronic parts and assemblies is exempt from this division.
PROB29PNT3	N/A	40 CFR Part 63, Subpart GG	In accordance with 63.471(f), this subpart does not regulate electronic parts and assemblies.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
PROB43-PNT	N/A	30 TAC Chapter 115, Surface Coating Operations	In accordance with 115.427(a)(3)(J), cleaning and coating of electronic parts and assemblies is exempt from this division.
PROB43-PNT	N/A	40 CFR Part 63, Subpart GG	Aerosols exempt from inorganic HAP control requirements.
PROK-1	N/A	30 TAC Chapter 112, Sulfur Compounds	The facility does not fire liquid fuel.
S1	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
S1	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.
S2	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
S2	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.
WWTANK1	N/A	30 TAC Chapter 115, Storage of VOCs	Storage vessel capacity is less than or equal to 1,000 gallons (3,785L).
WWTANK1	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.
WWTANK2	N/A	30 TAC Chapter 115, Storage of VOCs	Storage vessel capacity is less than or equal to 1,000 gallons (3,785L).
WWTANK2	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.
WWTANK3	N/A	30 TAC Chapter 115, Storage of VOCs	Storage vessel capacity is less than or equal to 1,000 gallons (3,785L).

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
WWTANK3	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.
WWTANK4	N/A	30 TAC Chapter 115, Storage of VOCs	Storage vessel capacity is less than or equal to 1,000 gallons (3,785L).
WWTANK4	N/A	40 CFR Part 60, Subpart Kb	Design capacity of vessel is less than 19,800 gallons.

**New Source Review Authorization References**

<b>New Source Review Authorization References .....</b>	<b>112</b>
<b>New Source Review Authorization References by Emission Unit .....</b>	<b>114</b>

### New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

<b>Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.</b>	
Authorization No.: 18514	Issuance Date: 04/01/2024
<b>Permits By Rule (30 TAC Chapter 106) for the Application Area</b>	
Number: 5	Version No./Date: 05/05/1976
Number: 7	Version No./Date: 04/04/1975
Number: 7	Version No./Date: 01/08/1980
Number: 7	Version No./Date: 11/25/1985
Number: 7	Version No./Date: 11/05/1986
Number: 8	Version No./Date: 05/08/1972
Number: 8	Version No./Date: 04/04/1975
Number: 8	Version No./Date: 01/08/1980
Number: 8	Version No./Date: 09/23/1982
Number: 8	Version No./Date: 08/30/1988
Number: 9	Version No./Date: 05/08/1972
Number: 15	Version No./Date: 09/17/1973
Number: 34	Version No./Date: 03/15/1985
Number: 58	Version No./Date: 09/23/1982
Number: 60	Version No./Date: 05/08/1972
Number: 61	Version No./Date: 03/15/1985
Number: 69	Version No./Date: 09/17/1973
Number: 69	Version No./Date: 05/05/1976
Number: 89	Version No./Date: 04/04/1975
Number: 89	Version No./Date: 09/23/1982
Number: 101	Version No./Date: 03/15/1985
Number: 101	Version No./Date: 09/12/1989
Number: 106	Version No./Date: 08/30/1988
Number: 106	Version No./Date: 04/05/1995
Number: 106.102	Version No./Date: 09/04/2000
Number: 106.122	Version No./Date: 09/04/2000
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.227	Version No./Date: 09/04/2000
Number: 106.231	Version No./Date: 09/04/2000

### New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Number: 106.261	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 09/04/2000
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.265	Version No./Date: 09/04/2000
Number: 106.316	Version No./Date: 09/04/2000
Number: 106.317	Version No./Date: 09/04/2000
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.372	Version No./Date: 09/04/2000
Number: 106.373	Version No./Date: 09/04/2000
Number: 106.375	Version No./Date: 09/04/2000
Number: 106.392	Version No./Date: 09/04/2000
Number: 106.412	Version No./Date: 09/04/2000
Number: 106.432	Version No./Date: 09/04/2000
Number: 106.433	Version No./Date: 03/14/1997
Number: 106.433	Version No./Date: 09/04/2000
Number: 106.451	Version No./Date: 09/04/2000
Number: 106.452	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 11/01/2001
Number: 106.471	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.532	Version No./Date: 09/04/2000
Number: 107	Version No./Date: 09/12/1989
Number: 118	Version No./Date: 08/30/1988
Number: 118	Version No./Date: 04/05/1995
Number: 119	Version No./Date: 05/12/1981

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
10A	MAGNESIUM HYDRODIDE STORAGE TANK	69/05/05/1976
11A	CLARIFIER STORAGE TANK	69/05/05/1976
12A	SULFURIC ACID STORAGE TANK	15/09/17/1973
12A-2	SULFURIC ACID STORAGE TANK	15/09/17/1973
13A	CAUSTIC STORAGE TANK	69/09/17/1973
14-BLR1	AERO BENCHMARK SERIES BOILER	106.183/09/04/2000
14A	LAGOON	69/05/05/1976
16A	THICKENER STORAGE TANK	69/05/05/1976
17A	TANK 4 IN GROUND TREATMENT	61/03/15/1985
18A	EMERGENCY DIESEL TANK	60/05/08/1972
21A	LIQUID NITROGEN TANK	101/09/12/1989
22A	LIQUID NITROGEN TANK	101/03/15/1985
23-1 AMU	HELICOPTER PAINT SHOP	18514
23-2 AMU	HELICOPTER PAINT SHOP	18514
23-3 AMU	HELICOPTER PAINT SHOP	18514
23A	LIQUID NITROGEN TANK	101/03/15/1985
24A	LIQUID NITROGEN TANK	119/05/12/1981
25PNT1	R & D PAINT BOOTH	106.433/09/04/2000
25SG-2	EMERGENCY GENERATOR	5/05/05/1976
27FLUSH	BUILDING 27 PATCH TEST FLUSH BOOTH	18514
27OVEN1	DRYING OVEN FOR 27PB1	18514



### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
27OVEN2	DRYING OVEN FOR 27PB1	18514
27OVEN3	MAIN CURE OVEN • CURE	106.183/09/04/2000 [167705]
27OVEN4	LOW TEMP CURE OVEN - CURE	106.183/09/04/2000 [167705]
27PB1	PAINT BOOTH & WIPE SOLVENTS: 40 CFR 63GG	18514
27PB2	PAINT & FLUSH BOOTH & WIPE SOLVENTS	18514
27PB3	BLADE PAINT BOOTH & CURE	106.433/09/04/2000 [167705]
27PB4	TOUCH UP BOOTH & CURE	106.433/09/04/2000 [167705]
27PK1EXH	PAINT MIXING KITCHEN PROCESS VENT	18514
28-CLAVE-1	AUTOCLAVE BLDG. 28	106.183/09/04/2000
29	EAST KEWANEE BOILER	8/05/08/1972
2SPARCELL-BLRA	BOILER WITH LOW NOX BURNERS	106.183/09/04/2000
2SPARCELL-BLRB	BOILER WITH LOW NOX BURNERS	106.183/09/04/2000
2SPARCELL-BLRC	BOILER WITH LOW NOX BURNERS	106.183/09/04/2000
2SPARCELL-BLRD	BOILER WITH LOW NOX BURNERS	106.183/09/04/2000
2SPARCELL-BLRE	BOILER WITH LOW NOX BURNERS	106.183/09/04/2000
30	WEST KEWANEE BOILER	8/05/08/1972
30-AMU1	MAKE UP AIR UNIT	106.183/09/04/2000
30-AMU2	MAKE UP AIR UNIT	106.183/09/04/2000
30-AMU3	MAKE UP AIR UNIT	106.183/09/04/2000
30-TRCB-BLR1	TAIL ROTOR CELL BOILER	106.183/09/04/2000
31	VECTOR POWER FLAME BOILER NORTH UNIVERSAL BOILER	106.183/09/04/2000

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
32	VECTOR POWER FLAME BOILER SOUTH UNIVERSAL BOILER	106.183/09/04/2000
32A	EMERGENCY DIESEL TANK	58/09/23/1982
35	GAS AUTOCLAVE "C"	7/04/04/1975
36	GAS AUTOCLAVE "A"	7/04/04/1975
36-1	GAS AUTOCLAVE	106.183/09/04/2000
36-1A	VACUUM PUMP	106.261/09/04/2000, 106.262/09/04/2000
36-2	GAS AUTOCLAVE	106.183/09/04/2000
36-2A	VACUUM PUMP	106.261/09/04/2000, 106.262/09/04/2000
36-PNT1	MAKE UP AIR HANDLING UNIT	106.183/09/04/2000
36-PNT2	MAKE UP AIR HANDLING UNIT	106.183/09/04/2000
36-PNT3	CURING DRYING OVEN	106.183/09/04/2000
36-PNT4	CURING DRYING OVEN	106.183/09/04/2000
36-PNT5	DRYING/CURING OVEN	106.183/09/04/2000
36-PNT6	DRYING/CURING OVEN	106.183/09/04/2000
36-PNT7	COMPOSITES SHOP PAINT BOOTH EXHAUST	106.433/09/04/2000
36-PNT8	WING TIP PAINT BOOTH EXHAUST	106.433/09/04/2000
36AB	GAS TECH BOILER	106.183/09/04/2000
36Q	GAS TECH BOILER	106.183/09/04/2000
36R	GAS TECH BOILER	106.183/09/04/2000
4943	R&D VENT HOOD	34/03/15/1985
56-ABPRIME-AMU	BLDG 56 ADHESIVE BONDING PRIMER PAINT BOOTH	106.183/09/04/2000

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
56-ABPRIME-PNT	BLDG 56 ADHESIVE BONDING PRIMER PAINT BOOTH	106.433/09/04/2000
56-BLR1	BLDG. 56 ETCH LINE, HURST 500 SERIES BOILER	106.183/09/04/2000
56-BLR2	BLDG 56 ETCH LINE, HURST SERIES 500 BOILER	106.183/09/04/2000
61EMERGG1	61EMERGG1	106.511/09/04/2000
61EMERGG2	61EMERGG2	106.511/09/04/2000
7230215	GAS OSI OVEN	7/11/25/1985
7235302	GAS AUTOCLAVE	106.183/09/04/2000
7235302A	VACUUM PUMP	106.261/09/04/2000
73	GAS AUTOCLAVE "60" V-22	7/11/05/1986
76	GAS AUTOCLAVE (8') (R&D)	8/05/08/1972
97-010	PAINT MIX ROOM VENT SYSTEM	18514
97-011	PAINT MIX ROOM VENT SYSTEM	18514
97-012	PAINT MIX ROOM VENT SYSTEM	18514
99005	VACUUM PUMP	106/08/30/1988, 118/08/30/1988
99006	VACUUM PUMP	106/08/30/1988, 118/08/30/1988
99007	VACUUM PUMP	106/08/30/1988, 118/08/30/1988
99008	VACUUM PUMP	106/08/30/1988, 118/08/30/1988
99013	UNLEADED GASOLINE TANK	106.472/09/04/2000
99014	DIESEL STORAGE TANK	106.472/09/04/2000
99015	VACUUM PUMP	106/08/30/1988, 118/08/30/1988
99016	VACUUM PUMP	106/04/05/1995, 118/04/05/1995

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
99017	VACUUM PUMP	106.261/09/04/2000, 106.262/09/04/2000
99018	VACUUM PUMP	106.261/09/04/2000, 106.262/09/04/2000
99019	VACUUM PUMP	106.261/09/04/2000, 106.262/09/04/2000
99020	VACUUM PUMP	106/08/30/1988, 118/08/30/1988
99022	VACUUM PUMP	106/08/30/1988, 118/08/30/1988
9A-1	WASTEWATER TREATMENT FACILITY ABOVEGROUND STORAGE	61/03/15/1985
9A-2	WASTEWATER TREATMENT FACILITY ABOVEGROUND STORAGE	61/03/15/1985
9A-3	WASTEWATER TREATMENT FACILITY ABOVEGROUND STORAGE	61/03/15/1985
9A-4	WASTEWATER TREATMENT FACILITY ABOVEGROUND STORAGE	61/03/15/1985
B36PRSBLR1	BUILDING 36 BONDING PRESS BOILER 1	106.183/09/04/2000
B36PRSBLR2	BUILDING 36 BONDING PRESS BOILER 2	106.183/09/04/2000
BDG36CTA	BUILDING 36 COOLING TOWER A	8/01/08/1980
BDG36CTB	BUILDING 36 COOLING TOWER B	106.371/09/04/2000
BDG36CTC	BUILDING 36 COOLING TOWER C	106.371/09/04/2000
BLD36VP1	VACUUM PUMP	106.261/09/04/2000, 106.262/09/04/2000
BLD36VP2	VACUUM PUMP	106.261/09/04/2000, 106.262/09/04/2000
BLD36VPF	VACUUM PUMP	106.261/09/04/2000, 106.262/09/04/2000
BLD36VPG	VACUUM PUMP	106.261/09/04/2000, 106.262/09/04/2000
BLDG2-CLAVEVP	AUTOCLAVE BLDG 2, DEPT 38, AUTOCLAVE VACUUM PUMP	106.261/09/04/2000, 106.262/09/04/2000
BLDG26CT	BUILDING 26 COOLING TOWER	106.371/09/04/2000
BLDG28-CLAVEVP	AUTOCLAVE BLDG 30 VACUUM PUMP	106.261/09/04/2000, 106.262/09/04/2000

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
BLDG2CTA	BUILDING 2 COOLING TOWER A	106.371/09/04/2000
BLDG2CTB	BUILDING 2 COOLING TOWER B	8/08/30/1988
BLDG2CTC	BUILDING 2 COOLING TOWER C	8/04/04/1975
BLDG2CTD	BUILDING 2 COOLING TOWER D	9/05/08/1972
BLDG2CTE	BUILDING 2 COOLING TOWER E	9/05/08/1972
BLDG2CTF	BUILDING 2 COOLING TOWER F	8/09/23/1982
BLDG30 CT1	BLDG 30, COOLING TOWER	106.371/09/04/2000
BLDG30-CLAVEVP	AUTOCLAVE BLDG 30 VACUUM PUMP	106.261/09/04/2000, 106.262/09/04/2000
BLDG36PRSBLR1	BUILDING 36 BONDING PRESS BOILER 1	106.183/09/04/2000
BLDG36PRSBLR2	BUILDING 36 BONDING PRESS BOILER 2	106.183/09/04/2000
CD B12-1	BUILDING 12 COLD DEGREASER	107/09/12/1989
CD B12-2	BUILDING 12 COLD DEGREASER 2	107/09/12/1989
CD B12-3	BUILDING 12 COLD DEGREASER 3	107/09/12/1989
CD B2-1	BUILDING 2 COLD DEGREASER	106.454/11/01/2001
CD B20-1	BUILDING 20 COLD DEGREASER	107/09/12/1989
CD B24-1	BUILDING 24 COLD DEGREASER	107/09/12/1989
CD B27-1	SOLVENT DEGREASING UNITS	106.454/11/01/2001
CD B29-1	BUILDING 29 COLD DEGREASER	107/09/12/1989
CD B29-2	BUILDING 29 COLD DEGREASER 2	107/09/12/1989
CD B36-1	BUILDING 36 COLD DEGREASER	107/09/12/1989
CD B5-1	BUILDING 5 COLD DEGREASER	106.454/11/01/2001

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
DO65FINAL	BLADE SHOP CURE OVEN	18514
DO65NORTH	BLADE SHOP NORTH OVEN	18514
DO65SOUTH	BLADE SHOP SOUTH OVEN	18514
PRO 19-1	R AND D LAB SPRAY BOOTH	18514
PRO1	ENGINEERING LAB PAINT BOOTH	89/04/04/1975
PRO10	ROTOR TOUCH UP BOOTH	18514
PRO13	LOFT TOOLING SPRAY BOOTH	18514
PRO14	MAINTENANCE PAINT BOOTH	18514
PRO21	ADHESIVE PRIME PAINT BOOTH	18514
PRO23-3	HELICOPTER PAINT SHOP	18514
PRO26	SUB ASSEMBLY PAINT BOOTH	18514
PRO99024	HAND WIPE CLEANING	106/04/05/1995, 118/04/05/1995
PROB29PNT1	BENCH TOP BUILDING 29 PAINT BOOTH	89/04/04/1975
PROB29PNT2	BENCH TOP BUILDING 29 PAINT BOOTH	89/09/23/1982
PROB29PNT3	BUILDING 29 CONFORMAL COAT	106.433/09/04/2000
PROB43-PNT	BUILDING 43 PAINT BOOTH	106.433/03/14/1997, 106.433/09/04/2000
PROK-1	KPR-1 ROTOR BLADES PAINT BOOTH	18514
PROPLT1FUG	CLEANING/DEPAINTING OPERATION ATTRIBUTES	106.183/09/04/2000
S1	EFFLUENT TANK	61/03/15/1985
S2	EFFLUENT TANK	61/03/15/1985
WWTANK1	OIL/WATER SEPARATOR TANK	106.532/09/04/2000

### **New Source Review Authorization References by Emissions Unit**

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

<b>Unit/Group/Process ID No.</b>	<b>Emission Unit Name/Description</b>	<b>New Source Review Authorization**</b>
WWTANK2	OIL/WATER SEPARATOR TANK	106.532/09/04/2000
WWTANK3	OIL/WATER SEPARATOR TANK	106.532/09/04/2000
WWTANK4	OIL/WATER SEPARATOR TANK	106.532/09/04/2000

\*\*This column may include Permit by Rule (PBR) numbers and version dates, PBR Registration numbers in brackets, Standard Permit Registration numbers, Minor NSR permit numbers, and Major NSR permit numbers.

**Alternative Requirement**

**Alternative Requirement..... 123**



Robert J. Huston, *Chairman*  
R. B. "Ralph" Marquez, *Commissioner*  
John M. Baker, *Commissioner*  
Jeffrey A. Saitas, *Executive Director*



## TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

*Protecting Texas by Reducing and Preventing Pollution*

May 15, 2002

Mr. Joe Downing  
Manager of Environmental Compliance  
Bell Helicopter Textron Incorporated  
P.O. Box 482  
Fort Worth, Texas 76101

Subject: Alternative Recordkeeping under Title 40 Code of Federal Regulations Part 60 (40 CFR 60), Subpart Dc, Bell Helicopter Textron Incorporated (BHTI), Hurst Texas Facility, Account No. TA-0054-T

Dear Mr. Downing:

This is in response to your request dated February 22, 2002 concerning alternate recordkeeping requirements for two boilers subject to 40 CFR 60, Subpart Dc. The two boilers (FIN: FC15744, EPN: 31 and FIN: 15795, EPN: 32) fire natural gas. Each has a heat input of 21 MMBtu/hr. We are please to inform you that your request is approved.

The U. S. Environmental Protection Agency (EPA) has made previous determinations on similar requests as allowed under 40 CFR 60, Section 60.13(i). In a letter from EPA Region 7 to Kansas Department of Health and Environment (KDHE) dated June 13, 1997, EPA authorized the approval of such requests by the KDHE. The letter specifically indicated that daily fuel usage recordkeeping requirements specified in 40 CFR 60, Section 60.48c(g) may be reduced to monthly for boilers which fire natural gas or low sulfur content fuel oil. We believe that same determination shall apply to the two boilers at BHTI. Therefore, the fuel usage records may be kept on a monthly basis provided the company notifies the Texas Natural Resource Conservation Commission (TNRCC), DFW Regional Office, and EPA Region 6 within 30 days of any anticipated and actual switches in fuel use.

Mr. Joe Downing  
Page 2  
May 15, 2002

By copy of this letter, we are informing EPA of our determination on this request.

If you have any questions about this letter, please feel free to contact me at the letterhead address, MC-171, or at (512) 239-1823.

Sincerely,

A handwritten signature in cursive script that reads "Jean Shaw".

Jean Shaw, P.E.  
Engineering Services Team  
Enforcement Division

JS/kh

cc: Ms. Donna Ascenzi, Chief, Air Enforcement Branch, U. S. Environmental Protection Agency, Region 6, Dallas

**Appendix A**

**Acronym List ..... 126**

## Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM	actual cubic feet per minute
AMOC	alternate means of control
ARP	Acid Rain Program
ASTM	American Society of Testing and Materials
B/PA	Beaumont/Port Arthur (nonattainment area)
CAM	Compliance Assurance Monitoring
CD	control device
CEMS	continuous emissions monitoring system
CFR	Code of Federal Regulations
COMS	continuous opacity monitoring system
CVS	closed vent system
D/FW	Dallas/Fort Worth (nonattainment area)
EP	emission point
EPA	U.S. Environmental Protection Agency
EU	emission unit
FCAA Amendments	Federal Clean Air Act Amendments
FOP	federal operating permit
gr/100 scf	grains per 100 standard cubic feet
HAP	hazardous air pollutant
H/G/B	Houston/Galveston/Brazoria (nonattainment area)
H <sub>2</sub> S	hydrogen sulfide
ID No.	identification number
lb/hr	pound(s) per hour
MACT	Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr	Million British thermal units per hour
NA	nonattainment
N/A	not applicable
NADB	National Allowance Data Base
NESHAP	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO <sub>x</sub>	nitrogen oxides
NSPS	New Source Performance Standard (40 CFR Part 60)
NSR	New Source Review
ORIS	Office of Regulatory Information Systems
Pb	lead
PBR	Permit By Rule
PEMS	predictive emissions monitoring system
PM	particulate matter
ppmv	parts per million by volume
PRO	process unit
PSD	prevention of significant deterioration
psia	pounds per square inch absolute
SIP	state implementation plan
SO <sub>2</sub>	sulfur dioxide
TCEQ	Texas Commission on Environmental Quality
TSP	total suspended particulate
TVP	true vapor pressure
U.S.C.	United States Code
VOC	volatile organic compound

**Form OP-UA16**  
**Solvent Degreasing Machine Attributes**  
**Texas Commission on Environmental Quality**

**General:**

This form is used to provide a description and data pertaining to all solvent degreasing machines with potentially applicable requirements associated with a particular regulated entity number and application. Each table number, along with the possibility of a corresponding letter (i.e., Table 1a, Table 1b), corresponds to a certain state or federal rule. If the rule on the table is not potentially applicable to a solvent degreasing machine, then it should be left blank and need not be submitted with the application. The following solvent degreasing machines are considered off-permit sources and do not need to be listed:

- A. In counties not affected by title 30 TAC Chapter 115, remote reservoir or immersion type cold solvent degreasers which do not use solvent with methylene chloride, perchloroethylene, trichloroethylene, 1,1,1-Trichloroethane, carbon tetrachloride, chloroform, or any combination of these solvent in a total concentration greater than or equal to 5% by weight.
- B. In counties affected by 30 TAC Chapter 115, remote reservoir cold solvent cleaners which use solvents with a typ equal to or less than 0.6 psia measured at 100 degrees Fahrenheit, which do not use solvents with methylene chloride, perchloroethylene, trichloroethylene, 1,1,1-Trichloroethane, carbon tetrachloride, chloroform, or any combination of these solvent in a total concentration greater than or equal to 5% by weight, and which have a drain area of less than 16 in 2, provided waste solvent is disposed of in enclosed containers.

If the codes entered by the applicant show negative applicability to the rule or sections of the rule represented on the table, then the applicant need not complete the remainder of the table(s) that corresponds to the rule. Further instruction as to which questions should be answered and which questions should not be answered are located in the “Specific” section of the instruction text. The following is included in this form:

**Table 1:**                   **Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115) Subchapter E: Degreasing Processes**

**Tables 2a - 2c:**       **Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart T: National Emission Standards for Halogenated Solvent Cleaning**

The application area name from Form OP-1 entitled, “Site Information Summary” must appear in the header of each page for the purpose of identification for the initial submittal. The date of the initial form submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). **Leave the permit number blank for the initial form submittal.** If this form is included as part of the permit revision process, enter the permit number assigned by the TCEQ, the area name (from Form OP-1), and the date of the revision submittal.

Unit attribute questions that do not require a response from all applicants are preceded by qualification criteria in the instructions. If the unit does not meet the qualification criteria, a response to the question is not required. **Anytime a response is not required based on the qualification criteria, leave the space on the form blank.**

**Notwithstanding any qualification criteria in the form instructions or information provided in other TCEQ guidance, the applicant may leave an attribute question blank (or indicate “N/A” for “Not Applicable”) if the attribute is not needed for the applicable requirement determinations of a regulation for a unit.**

In some situations, the applicant has the option of selecting alternate requirements, limitations, and/or practices for a unit. Note that these alternate requirements, limitations, and/or practices must have the required approval from the TCEQ Executive Director and/or the U.S. Environmental Protection Agency Administrator *before* the federal operating permit application is submitted.

The Texas Commission on Environmental Quality (TCEQ) **requires** that a Core Data Form be submitted on **all** incoming registrations unless all of the following are met: The Regulated Entity *and* Customer Reference Numbers have been issued by the TCEQ and no core data information has changed. The Central Registry, a common record area of the TCEQ which maintains information about TCEQ customers and regulated activities, such as company names, addresses, and telephone

numbers. This information is commonly referred as “core data.” The Central Registry provides the regulated community with a central access point within the agency to check core data and make changes when necessary. When core data about a facility is moved to the Central Registry, two new identification numbers are assigned: the *Customer Reference (CN)* number and the *Regulated Entity (RN)* number. The Core Data Form is required if facility records are not yet part of the Central Registry or if core data for a facility has changed. If this is the initial registration, permit, or license for a facility site, then the Core

Data Form must be completed and submitted with application or registration forms. If amending, modifying, or otherwise updating an existing record for a facility site, the Core Data Form is not required, unless any core data information has changed. To review additional information regarding the Central Registry, go to the TCEQ website at [www.tceq.texas.gov/permitting/central\\_registry](http://www.tceq.texas.gov/permitting/central_registry).

### Specific:

#### **Table 1:** Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115), Subchapter E: Degreasing Processes

- ★ **Complete Table 1 only for solvent degreasing machines located in a county subject to 30 TAC Chapter 115 and using a volatile organic compound (VOC).**

#### **Unit ID No.:**

Enter the identification number (ID No.) for the solvent degreasing machine (maximum 10 characters) as listed on Form OP- SUM entitled, “Individual Unit Summary.”

#### **SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB- XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers please refer to the TCEQ guidance document entitled “Federal Operating Permit Application Guidance Document.”

#### **Solvent Degreasing Machine Type:**

Select one of the following options for the solvent degreasing machine type as pertains to 30 TAC Chapter 115. Enter the code on the form.

For SOP applications:

Code	Description
CONV	Conveyorized (vapor or cold) cleaning machine
VOT	Open-top vapor cleaning machine
COLD	Cold solvent cleaning machine
RRC-S	Remote reservoir cold solvent cleaning machine
550-	Degreasing operations located on a property which, when uncontrolled, can emit a combined weight of VOC less than 550 pounds in any consecutive 24-hour period [for degreasing operations located in Gregg, Nueces, or Victoria County and claiming exemption 30 TAC § 115.411(5)]

For GOP applications:

Code	Description
RRC-G	Remote reservoir cold solvent cleaning machine
OTHER	Other than remote reservoir cold solvent cleaning machine

*Note: Open-top vapor or conveyorized degreasing machines subject to 30 TAC Chapter 115 and degreasing machines using halogenated solvents do not qualify for a GOP.*

TCEQ 10030 (APD-ID51v1.0 revised 10/22) OP-UA16

This form is for use by sources subject to air quality permit requirements and may be revised periodically. (Title V Release 10/22)

**Alternate Control Requirement (ACR):**

If the TCEQ Executive Director has approved an ACR as allowed under 30 TAC § 115.413, enter "YES". Otherwise, enter "NO."

**Alternate Control Requirement ID. No.:**

If an ACR allowed under 30 TAC § 115.413 is used, then enter the corresponding ACR unique identifier for each unit (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the ACR approval letter in the table column. The unique identifier and/or the date of approval letter is contained in the compliance file under the appropriate account number. Otherwise, leave this column blank (GOP applicants must leave this column blank).

- ★ **Complete the Rest of Table 1 only if "Alternate Control Requirement" is "NO."**
- ★ **Complete "Solvent Sprayed," "Solvent Vapor Pressure," Solvent Heated or Agitated," "Parts Larger than Drainage," "Drainage Area," and "Disposal in Enclosed Containers" Only if "Solvent Degreasing Machine Type" is "COLD," "RRC-S," "RRC-G," or "OTHER."**

**Solvent Sprayed:**

Enter "YES" if a solvent is sprayed. Otherwise, enter "NO."

**Solvent Vapor Pressure:**

Select one of the following options for solvent vapor pressure (as measured at 100°F). Enter the code on the form.

For SOP applications:

Code	Description
0.6-	Solvent vapor pressure is less than or equal to 0.6 psia as measured at 100 degrees Fahrenheit
0.6+	Solvent vapor pressure is greater than 0.6 psia as measured at 100 degrees Fahrenheit

For GOP applications:

Code	Description
G0.6-	Solvent vapor pressure is less than or equal to 0.6 psia at 100 degrees Fahrenheit
G0.6+	Solvent vapor pressure is greater than 0.6 psia at 100 degrees Fahrenheit

**Solvent Heated:**

Enter "YES" if the solvent is heated to a temperature greater than 120 degrees Fahrenheit. Otherwise, enter "NO."

**Parts Larger Than Drainage:**

Enter "YES" if any cleaned part for which the machine is authorized to clean are larger than the internal drainage facility of the machine. Otherwise, enter "NO."

- ★ **Complete "Drainage Area" only if "Solvent Degreasing Machine Type" is "COLD" or "RRC-S", or if "Solvent Degreasing Machine Type" is "RRC-G" and "Solvent Vapor Pressure" is "G0.6-."**

**DRAINAGE AREA:**

Select one of the following options for drainage area. Enter the code on the form.

Code	Description
16-	Area is less than 16 square inches
16+	Area is greater than or equal to 16 square inches

**Disposal in Enclosed Containers:**

Enter "YES" if the waste solvent is properly disposed of in enclosed containers. Otherwise, enter "NO."

- ★ **Complete "Solvent/Air Interface Area" only if "Solvent Degreasing Machine Type" is "CONV."**

**Solvent/Air Interface Area:**

Select one of the following options for solvent/air interface area as pertains to 30 TAC Chapter 115. Enter the code on the form.

Code	Description
20-	Solvent/air interface is less than 20 square feet
20+	Solvent/air interface is greater than or equal to 20 square feet

- ★ **Complete “Emission Control Combinations” only if “Solvent Degreasing Machine Type” is “CONV” or “VOT.”**

**Emission Control Combinations:**

For solvent degreasing machines subject to the requirements of 30 TAC Chapter 115, select from the following options for emission control combinations. If more than one control technique is used, list each control technique on additional lines.

Code	Description
FBR	Freeboard with the ratio specified in 30 TAC § 115.412(1)(E) or 30 TAC § 115.412(2)(D)(i)
CHILL	Refrigerated chiller achieving 85% or greater control of VOC emissions
ENCL	Enclosed design
CADS	Carbon adsorber with ventilation greater than or equal to 50 cfm/ft <sup>2</sup> and exhausting less than 25 ppm of solvent volume averaged over one adsorption cycle

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**Table 2a:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart T: National Emission Standards for Halogenated Solvent Cleaning

- ★ **Complete for solvent cleaning machines using halogenated solvents.**

**Unit ID No.:**

Enter the identification number (ID No.) for the solvent cleaning machine (maximum 10 characters) as listed on Form OP-SUM entitled, “Individual Unit Summary.”

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB- XXXX]). For additional information relating to SOP index numbers, please refer to the TCEQ guidance document entitled “Federal Operating Permit Application Guidance Document.”

**Solvent Type:**

Enter “YES” if the unit uses one (or any combination) of the following halogenated hazardous air pollutant (HAP) solvents: methylene chloride, perchloroethylene, trichloroethylene, 1,1,1-trichloroethane, carbon tetrachloride, or chloroform in a total concentration greater than 5% by weight. Otherwise, enter “NO.”

**Solvent Cleaning Machine Type:**

Select one of the following options for the solvent cleaning machine type as it pertains to 40 CFR Part 63, Subpart T. Enter the code on the form.

Code	Description
INLN	In-line (vapor or cold) cleaning machine
CWCM	Continuous web cleaning machine
RRCWCM	Remote reservoir continuous web cleaning machine
CRRB	Non-immersion remote reservoir batch cold cleaning machine
CRRBIM	Immersion remote reservoir batch cold cleaning machine
CBAT	Batch cold cleaning machine other than a remote reservoir cold cleaning machine



VOTB	Open-top batch vapor cleaning machine
VBAT	Batch vapor cleaning machine other than open-top vapor
OTHER	Other solvent cleaning machine type

- ★ **Complete “Equivalent Methods of Control” only if “Solvent Cleaning Machine Type” is “INLN,” “CWCM,” “RRCWCM,” “VOTB,” or “VBAT.”**

#### **Equivalent Methods of Control:**

Enter “YES” if using equivalent equipment or procedures approved by the EPA Administrator, under 40 CFR § 63.469, to those prescribed for compliance within a specified paragraph of 40 CFR Part 63, Subpart T. Otherwise, enter “NO.”

#### **EMOC ID NO.:**

If an equivalent method of control (EMOC) has been approved, enter the corresponding EMOC unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the EMOC approval letter. The unique identifier and/or the date of the approval letter is contained in the compliance file under the appropriate account number. Otherwise, leave this column blank.

- ▼ **Do not continue if “Solvent Cleaning Machine Type” is “INLN,” “CWCM,” “RRCWCM,” “VOTB” or “VBAT” and “Equivalent Methods of Control” is “YES.”**

#### **Construction Date:**

Select one of the following options based on the commencement date of the most recent construction, modification, or reconstruction of the solvent degreasing machine. Enter the code on the form.

<b>Code</b>	<b>Description</b>
93-	Unit constructed, modified, or reconstructed on or before November 29, 1993
93+	Unit constructed, modified, or reconstructed after November 29, 1993

- ★ **Complete the remainder of Table 2a only if “Solvent Cleaning Machine Type” is “CRRB,” “CRRBIM,” or “CBAT.” If “Solvent Cleaning Machine Type” is NOT “CRRB,” “CRRBIM,” or “CBAT,” go to Table 2b.**
- ★ **Complete “Cold Cleaning Emission Control” only if “Solvent Cleaning Machine Type” is “CRRBIM” or “CBAT.”**

#### **Cold Cleaning Emission Control:**

For solvent degreasing machines subject to the requirements of 40 CFR Part 63, Subpart T, choose from the following codes to describe emission control. If more than one code is applicable, use additional rows to list each control technique.

<b>Code</b>	<b>Description</b>
FREBRD	Freeboard ratio is greater than or equal to 0.75
WATER	A water layer on the surface with thickness greater than or equal to 2.5 cm

- ★ **Complete “Cold Cleaning Work Practice Alternative” if “Solvent Cleaning Machine Type” is “CRRB” or if “Solvent Cleaning Machine Type” is “CRRBIM” or “CBAT”, and “Cold Cleaning Emission Control” includes “FREBRD.”**

#### **Cold Cleaning Work Practice Alternative:**

Enter “YES” if an alternative to the requirements of 40 CFR § 63.462(c)(1) - (8) have been approved. Otherwise, enter “NO.”

#### **Cold Cleaning Work Practice Alternative ID No.:**

If a work practice alternative has been approved, enter the corresponding unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the approval letter. The unique identifier and/or the date of the approval letter is contained in the compliance file under the appropriate account number. Otherwise, leave this column blank.

- ★ **Complete “Additional Emission Control” if “Solvent Cleaning Machine Type” is “CRRB” and “Cold Cleaning Work Practice Alternative” is “NO;” or if “Solvent Cleaning Machine Type” is “CRRBIM” or “CBAT,” and “Cold Cleaning Emission Control” includes “FREBRD” and “Cold Cleaning Work Practice Alternative” is “NO.”**

**Additional Emission Control:**

Choose from the following codes to describe emission control. If more than one code is applicable, use additional rows to list each control technique.

Code	Description
FHFD	Flexible hose or flushing device
AGTD	Air or pump-agitated solvent bath
BOTH	Flexible hose or flushing device and Air or pump-agitated solvent bath
NONE	None

- ▼ **Continue only if “Solvent Degreasing Machine Type” is “INLN,” “CWCM,” “RRCWCM,” “VBAT,” or “VOTB.”**

**Table 2b:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart T: National Emission Standards for Halogenated Solvent Cleaning

**Unit ID No.:**

Enter the identification number (ID No.) for the solvent cleaning machine (maximum 10 characters) as listed on Form OP- SUM entitled, “Individual Unit Summary.”

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB- XXXX]). For additional information relating to SOP index numbers, please refer to the TCEQ guidance document entitled “Federal Operating Permit Application Guidance Document.”

**Alternative Standard:**

Enter “YES” if complying with 40 CFR § 63.464 as an alternative to 40 CFR § 63.463. Otherwise, enter “NO”.

- ★ **Complete “Solvent/Air Interface Area” only if “Solvent Cleaning Machine Type” is “VBAT” or “VOTB.”**

**Solvent/Air Interface Area:**

Select one of the following options for solvent/air interface area as it pertains to 40 CFR Part 63, Subpart T. Enter the code on the form.

Code	Description
NONE	No solvent/air interface
13-	Solvent/air interface area is less than or equal to 13 ft <sup>2</sup> (1.21 m <sup>2</sup> )
13+	Solvent/air interface area is greater than 13 ft <sup>2</sup> (1.21 m <sup>2</sup> )

- ★ **Complete “Machine Cleaning Capacity” Only if “Alternative Standard” is “YES” and “Solvent/Air Interface Area” is “NONE”.**

**Machine Cleaning Capacity:**

Enter one of the following codes for solvent degreasing machine capacity.

Code	Description
780-	Capacity is less than or equal to 780 gallons (2.95 cubic meters)
780+	Capacity is greater than 780 gallons (2.95 cubic meters)

- ▼ **Continue only if “Alternative Standard” is “NO.”**

**Machine Exhaust:**

Select one option that describes the exhaust being used by the solvent cleaning machine. Enter the code on the form.

Code	Description
LIP	Solvent cleaning machine uses a lip exhaust
OTHER	Solvent cleaning machine uses an exhaust, internal to the machine, other than a lip exhaust
NONE	Solvent cleaning machine uses no exhaust internal to the machine

*Note: If "Machine Exhaust" is "LIP" or "OTHER," the "Control Combination" selected must include a carbon adsorption system.*

**Control Combinations:**

Select one option that describes the control combination or compliance option being used by the solvent cleaning machine. Enter the code on the form.

For batch vapor solvent cleaning machines with a solvent air interface of 13 square feet or less complying with the requirements of 40 CFR § 63.463(b)(1)(i) or § 63.463(b)(1)(ii):

Code	Description
TABLE1-1	Solvent cleaning machine uses a working mode cover, freeboard ratio of 1.0 and superheated vapor
TABLE1-2	Solvent cleaning machine uses a freeboard refrigeration device and superheated vapor
TABLE1-3	Solvent cleaning machine uses a working mode cover and freeboard refrigeration device
TABLE1-4	Solvent cleaning machine uses a reduced room draft, freeboard ratio of 1.0 and superheated vapor
TABLE1-5	Solvent cleaning machine uses a reduced room draft and freeboard refrigeration device
TABLE1-6	Solvent cleaning machine uses a freeboard refrigeration device and a freeboard ratio of 1.0
TABLE1-7	Solvent cleaning machine uses a freeboard refrigeration device and dwell
TABLE1-8	Solvent cleaning machine uses a reduced room draft, freeboard ratio of 1.0 and dwell
TABLE1-9	Solvent cleaning machine uses a freeboard refrigeration device and a carbon adsorber
TABLE1-10	Solvent cleaning machine uses a freeboard ratio of 1.0, superheated vapor and a carbon adsorber
IDLE22	Demonstrating compliance with the 0.22 kg/hr per square meter (0.045 lb/hr per square foot) of solvent air interface as specified in 40 CFR § 63.463(b)(1)(ii) or § 63.463(b)(2)(ii)

For batch vapor solvent cleaning machines with a solvent air interface of greater than 13 square feet complying with the requirements of 40 CFR § 63.463(b)(2)(i) or § 63.463(b)(2)(ii):

Code	Description
TABLE2-1	Solvent cleaning machine uses a freeboard refrigeration device, freeboard ratio of 1.0 and superheated vapor
TABLE2-2	Solvent cleaning machine uses a reduced room draft, freeboard refrigeration device and dwell
TABLE2-3	Solvent cleaning machine uses a working mode cover, freeboard refrigeration device and superheated vapor
TABLE2-4	Solvent cleaning machine uses a reduced room draft, freeboard ratio of 1.0 and superheated vapor
TABLE2-5	Solvent cleaning machine uses a reduced room draft, freeboard refrigeration device and superheated vapor
TABLE2-6	Solvent cleaning machine uses a reduced room draft, freeboard ratio of 1.0 and a freeboard refrigeration device
TABLE2-7	Solvent cleaning machine uses a freeboard refrigeration device, superheated vapor and a carbon adsorber
IDLE22	Demonstrating compliance with the 0.22 kg/hr per square meter (0.045 lb/hr per square foot) of solvent air interface as specified in 40 CFR § 63.463(b)(1)(ii) or § 63.463(b)(2)(ii)

For existing in-line solvent cleaning machines:

<b>Code</b>	<b>Description</b>
TABLE3-1	Solvent cleaning machine uses superheated vapor and a freeboard ratio of 1.0
TABLE3-2	Solvent cleaning machine uses a freeboard refrigeration device and a freeboard ratio of 1.0
TABLE3-3	Solvent cleaning machine uses a freeboard refrigeration device and dwell
TABLE3-4	Solvent cleaning machine uses a carbon adsorber and dwell
IDLE10	Demonstrating compliance with the 0.10 kg/hr per square meter (0.021 lb/hr per square foot) of solvent air interface as specified in 40 CFR § 63.463(c)(1)(ii) or § 63.463(c)(2)(ii)

For new in-line solvent cleaning machines:

<b>Code</b>	<b>Description</b>
TABLE4-1	Solvent cleaning machine uses superheated vapor and a freeboard refrigeration device
TABLE4-2	Solvent cleaning machine uses a freeboard refrigeration device and a carbon adsorber
TABLE4-3	Solvent cleaning machine uses superheated vapor and a carbon adsorber
IDLE10	Demonstrating compliance with the 0.10 kg/hr per square meter (0.021 lb/hr per square foot) of solvent air interface as specified in 40 CFR § 63.463(c)(1)(ii) or § 63.463(c)(2)(ii)

For existing continuous web solvent cleaning machines:

<b>Code</b>	<b>Description</b>
SVAPOR+1	Superheated vapor and a freeboard ratio of 1.0
SPART+1	Superheated part technology and a freeboard ratio of 1.0
FRD+1	Freeboard refrigeration device and a freeboard ratio of 1.0
CADS100	Carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
CADS70	Carbon adsorption system demonstrated to have an overall control efficiency of at least 70%

For new continuous web solvent cleaning machines:

<b>Code</b>	<b>Description</b>
SVAPRFRD	Superheated vapor and a freeboard refrigeration device
SPARTFRD	Superheated parts technology and a freeboard refrigeration device
FRDCAD100	Freeboard refrigeration device and a carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
VPRCAD100	Superheated vapor and a carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
PTCAD100	Superheated part technology and a carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
CADS70	Carbon adsorption system demonstrated to have an overall control efficiency of at least 70%

For new remote reservoir continuous web solvent cleaning machines:

<b>Code</b>	<b>Description</b>
SVAPOR	Superheated vapor
SPART	Superheated part technology
CADS100	Carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
CADS70	Carbon adsorption system demonstrated to have an overall control efficiency of at least 70%

For existing remote reservoir continuous web solvent cleaning machines:

Code	Description
NOCAD	Existing remote reservoir continuous web solvent cleaning machine does not have an exhaust and is not required to equip with a carbon adsorption system
CADS100	Carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
CADS70	Carbon adsorption system demonstrated to have an overall control efficiency of at least 70%

#### Alternative Monitoring Procedure:

Enter "YES" if using an alternative monitoring procedure (AMP) approved by the EPA Administrator and using a control device in 40 CFR §§ 63.466(a) through (e). Otherwise, enter "NO."

#### AMP ID No.:

If an AMP has been approved, enter the corresponding AMP unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the AMP approval letter. The unique identifier and/or the date of the approval letter is contained in the compliance file under the appropriate account number. Otherwise, leave this column blank.

- ★ **Complete "Superheated Part Monitoring" only if "Solvent Cleaning Machine Type" is "CWCM" and "Control Combination" is "SPART+1," "SPARTFRD" or "PTCAD100" and "Alternate Monitoring Procedures" is "NO"; or if "Solvent Cleaning Machine Type" is "RRCWCM," and "Control Combination" is "SPART" and "Alternate Monitoring Procedures" is "NO."**

#### Superheated Part Monitoring:

Enter "YES" if compliance with the monitoring provisions of 40 CFR § 63.466(a)(4) is selected. Otherwise, enter "NO."

### **Table 2c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart T: National Emission Standards for Halogenated Solvent Cleaning**

#### Unit ID No.:

Enter the identification number (ID No.) for the solvent cleaning machine (maximum 10 characters) as listed on Form OP- SUM entitled, "Individual Unit Summary."

#### SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB- XXXX]). For additional information relating to SOP index numbers, please refer to the TCEQ guidance document entitled "Federal Operating Permit Application Guidance Document."

- ★ **Complete "Air Disturbance Control Option" only if "Solvent Cleaning Machine Type" is "CWCM," "INLN", "VOTB", or "VBAT."**

#### Air Disturbance Control Option:

Select one option that describes how the solvent cleaning machine is complying with the requirement to control air disturbance as specified in 40 CFR § 63.463(a)(1) or § 63.463(g)(3)(i). Enter the code on the form.

For in-line or batch vapor solvent cleaning machines:

Code	Description
RRD	Using reduced room draft and monitoring and controlling room parameters
RRDENCL	Using reduced room draft achieved through use of a partial or total enclosure
COVER	Using an idling or downtime cover

For continuous web solvent cleaning machines:

Code	Description
RRD	Using reduced room draft and monitoring and controlling room parameters
RRDENCL	Using reduced room draft achieved through use of a partial or total enclosure
COVER	Using an idling or downtime cover
GASKET	Using gasketed or leakproof doors to separate the continuous web part feed and take-up reels from the room atmosphere
PRESS-	Machine is under negative pressure during idling and downtime and is vented to a carbon adsorber meeting the requirements of 40FR § 63.463(e)(2)(vii) or § 63.463(g)(2)

- ★ **Complete “Continuous Web Work Practice Option” only if “Solvent Cleaning Machine Type” is “CWCM” or “RRCWCM.”**

**Continuous Web Work Practice Option:**

Select one option that describes how the solvent cleaning machine is complying with the requirements of 40 CFR § 63.463(g)(3)(iii) or § 63.463(h)(2)(i). Enter the code on the form.

Code	Description
SPEED	Using an automated parts handling system capable of moving parts or parts baskets at a speed of 3.4 meters/minute (11 feet/minute) or less
AKNIFE	Using an air knife system
SQUEEG	Using a squeegee system
BOTH	Using both an air knife and squeegee system

- ★ **Complete “§ 63.466(a)-(e) Control” only if “Control Combination” is “IDLE22” or “IDLE10.”**

**§ 63.466(a)-(e) CONTROL:**

Enter “YES” if the solvent cleaning machine is using any of the controls in 40 CFR § 63.466(a)-(e). Otherwise, enter “NO.”

- ▼ **Continue only if “Control Combination” is “IDLE22” or “IDLE10” and “§ 63.466(a)-(e) Control” is “YES.”**

**Freeboard Refrigeration Device:**

Enter “YES” if the solvent cleaning machine is using a freeboard refrigeration device. Otherwise, enter “NO.”

**Working Mode Cover:**

Enter “YES” if the solvent cleaning machine is using a working mode cover. Otherwise, enter “NO.”

**Dwell:**

Enter “YES” if the solvent cleaning machine is using a dwell. Otherwise, enter “NO.”

**Superheated Vapor:**

Enter “YES” if the solvent cleaning machine is using superheated vapor. Otherwise, enter “NO.”

**Carbon Adsorber:**

Enter “YES” if the solvent cleaning machine is using a carbon adsorber. Otherwise, enter “NO.”

**Solvent Degreasing Machine Attributes**  
**Form OP-UA16 (Page 1) Federal Operating Permit Program**  
**Table 1: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115) Subchapter E: Solvent Using Processes**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
2/10/2025	O-01631	100222488

Unit ID No.	SOP/GO P Index No.	Solvent Degreasing Machine Type	Alternate Control Requirement (ACR)	Alternate Control Requirement ID No.	Solvent Sprayed	Solvent Vapor Pressure	Solvent Heated	Parts Larger Than Drainage	Drainage Area	Disposal in Enclosed Containers	Solvent/Air Interface Area	Emission Control Combinations
GRPCLDDG R	R5412-1	COLD	NO	N/A	NO	0.6-	NO	NO	16+	YES	N/A	N/A

**Solvent Degreasing Machine Attributes**  
**Form OP-UA16 (Page 12) Federal Operating Permit Program**  
**Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart T: National Emission Standards for Halogenated Solvent Cleaning**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Solvent Type	Solvent Cleaning Machine Type	Equivalent Methods of Control	EMOC ID No.	Construction Date	Cold Cleaning Emission Control	Cold Cleaning Work Practice Alternative	Cold Cleaning Work Practice Alternative ID No.	Additional Emission Control



**Solvent Degreasing Machine Attributes**  
**Form OP-UA16 (Page 3) Federal Operating Permit Program**  
**Table 2b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63) Subpart T:**  
**National Emission Standards for Halogenated Solvent Cleaning**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Alternative Standard	Solvent/Air Interface	Machine Cleaning Capacity	Machine Exhaust	Control Combinations	Alternative Monitoring Procedure	AMP ID No.	Superheated Part Monitoring

**Solvent Degreasing Machine Attributes**  
**Form OP-UA16 (Page 4) Federal Operating Permit Program**  
**Table 2c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63) Subpart T:**  
**National Emission Standards for Halogenated Solvent Cleaning**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Air Disturbance Control Option	Continuous Web Work Practice Option	§ 63.466(a) - (e) Control	Freeboard Refrigeration Device	Working Mode Cover	Dwell	Superheated Vapor	Carbon Adsorber

This is an addendum to Page 88 of OP-REQ1 - There are not any duplicates on this page only additional PBR's

**Form OP-REQ1: Page 88**

**XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)**

**◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area**

*A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.*

PBR No.:	106.392	Version No./Date:	9/4/2000
PBR No.:	106.432	Version No./Date:	9/4/2000
PBR No.:	106.102	Version No./Date:	9/4/2000
PBR No.:	106.372	Version No./Date:	9/4/2000
PBR No.:	106.122	Version No./Date:	9/4/2000
PBR No.:	106.412	Version No./Date:	9/4/2000
PBR No.:	106.316	Version No./Date:	9/4/2000
PBR No.:	106.317	Version No./Date:	9/4/2000
PBR No.:	106.471	Version No./Date:	9/4/2000
PBR No.:	106.373	Version No./Date:	9/4/2000
PBR No.:	SE5	Version No./Date:	5/5/1976
PBR No.:	SE7	Version No./Date:	4/4/1975
PBR No.:	SE7	Version No./Date:	1/8/1980
PBR No.:	SE7	Version No./Date:	11/25/1985
PBR No.:	SE7	Version No./Date:	11/5/1986
PBR No.:	SE8	Version No./Date:	4/4/1975
PBR No.:	SE8	Version No./Date:	1/8/1980
PBR No.:	SE8	Version No./Date:	9/23/1982
PBR No.:	SE8	Version No./Date:	8/30/1988
PBR No.:	SE15	Version No./Date:	9/17/1973
PBR No.:	SE34	Version No./Date:	3/15/1985
PBR No.:	SE58	Version No./Date:	9/23/1982
PBR No.:	SE60	Version No./Date:	5/8/1972
PBR No.:	SE61	Version No./Date:	3/15/1985
PBR No.:	SE69	Version No./Date:	9/17/1973
PBR No.:	SE69	Version No./Date:	5/5/1976
PBR No.:	SE89	Version No./Date:	4/4/1975
PBR No.:	SE89	Version No./Date:	9/23/1982
PBR No.:	SE101	Version No./Date:	3/15/1985
PBR No.:	SE101	Version No./Date:	9/12/1989
PBR No.:	SE106	Version No./Date:	8/30/1988
PBR No.:	SE106	Version No./Date:	4/5/1995
PBR No.:	SE107	Version No./Date:	9/12/1989
PBR No.:	SE118	Version No./Date:	8/30/1988
PBR No.:	SE118	Version No./Date:	4/5/1995
PBR No.:	SE119	Version No./Date:	5/12/1981

**Texas Commission on Environmental Quality**  
**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1**  
**Federal Operating Permit Program**

Date:	02/10/2025
Permit No.:	O-01631
RN No.:	100222488

*For SOP applications, answer ALL questions unless otherwise directed.*

◆ *For GOP applications, answer ONLY these question unless otherwise directed.*

<b>Form OP-REQ1: Page 88</b>	
<b>XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)</b>	
◆ <b>I. Permits by Rule (30 TAC Chapter 106) for the Application Area</b>	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 106.454	Version No./Date: 11-1-2001
PBR No.: 106.231	Version No./Date: 9-4-2000
PBR No.: 106.433	Version No./Date: 9-4-2000
PBR No.: 106.375	Version No./Date: 9-4-2000
PBR No.: 106.261	Version No./Date: 11-1-2003
PBR No.: 106.262	Version No./Date: 11-1-2003
PBR No.: 106.265	Version No./Date: 9-4-2000
PBR No.: 106.263	Version No./Date: 11-1-2001
PBR No.: 106.227	Version No./Date: 9-4-2000
PBR No.: 106.451	Version No./Date: 9-4-2000
PBR No.: 106.452	Version No./Date: 9-4-2000
PBR No.: 106.183	Version No./Date: 9-4-2000
PBR No.: 106.532	Version No./Date: 9-4-2000
PBR No.: 106.371	Version No./Date: 9-4-2000
PBR No.: 106.511	Version No./Date: 9-4-2000
PBR No.: 106.472	Version No./Date: 9-4-2000
◆ <b>J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum</b>	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

**Form OP-PBRSUP - Instructions**  
**Permits By Rule Supplemental Table**  
**Texas Commission on Environmental Quality**

**General:**

The form is used to provide supplemental information for all Permits by Rule (PBRs) that authorize emission units for a site (or area) subject to the requirements of the Federal Operating Permit (FOP) Program. For emission units identified on Form OP-SUM or Form OP-SUMR, the PBR registration number identified in Section A must also be included on Form OP-SUM or Form OP-SUMR.

The Texas Commission on Environmental Quality (TCEQ) regulated entity reference number (RNXXXXXXXXXX), if assigned, and the application area name from Form OP-1 (Site Information Summary) must appear on the header of each page for purposes of identification for the initial submittal. The date of the initial submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). The date on each table should be revised with any updated submittal provided during the review process. Leave the permit number blank only if the initial form submittal accompanies an initial application. If this form is included as part of the permit renewal or revision process, enter the FOP permit number assigned by the TCEQ, the area name from Form OP-1, the date of the renewal or revision submittal, and the regulated entity reference number. The form OP-PBRSUP should be submitted for any PBR authorization updates with each revision and renewal application.

The TCEQ requires that a Core Data Form be submitted on all incoming applications/registrations unless a regulated entity reference number and customer reference number have been issued by the TCEQ and no core data information has changed. If a regulated entity reference number or customer reference number has been issued, then the number must be noted on the request or applicable form. For more information regarding the Core Data Form, call (512) 239-5175 or go to the TCEQ website at: [www.tceq.texas.gov/permitting/central\\_registry/guidance.html](http://www.tceq.texas.gov/permitting/central_registry/guidance.html)

**Specific:**

Permits by Rule (30 TAC Chapter 106) for the Application Area

**Emission units authorized under the following PBRs and any corresponding historical (pre-March 1997) SEs are required to be listed in sections A, B, and D:**

PBR No.	Name or Subject	PBR No.	Name or Subject
106.124	Pilot Plants	106.373	Refrigeration Systems
106.142	Rock Crushers	106.374	Lime Slaking
106.144	Bulk Mineral Handling	106.375	Aqueous Electrolytic
106.145	Bulk Sand Handling	106.376	Decorative Chrome Plating
106.146	Soil Stabilization Plants	106.392	Thermoset Resin
106.147	Asphalt Concrete Plants	106.393	Convey/Storage Plastic/Rubber
106.150	Asphalt Silos	106.395	Plastic/Rubber Mix (No Solvent)
106.181	Used Oil Combustion Units	106.396	Plastic Rubber Mix (Solvent)
106.182	Ceramic Kilns	106.411	Steam or Dry Cleaning Equipment
106.183	Boilers, Heaters, and Other Combustion Units	106.412	Fuel Dispensing
106.221	Extrusion Presses	106.416	Uranium Recovery

PBR No.	Name or Subject	PBR No.	Name or Subject
106.223	Sawmills	106.417	Ethylene Oxide Sterilizers
106.224	Aerospace	106.418	Printing Presses
106.225	Semiconductor	106.419	Photographic Process Equipment
106.226	Coating Manufacturing	106.433	Surface Coat
106.227	Soldering, Brazing, Welding	106.434	Powder Coating Facility
106.231	Wood Products	106.435	Classic or Antique Auto Restoration Facility
106.245	Ethyl Alcohol Facilities	106.436	Auto Body Refinishing
106.261	Facility; Emission Limits	106.452	Dry Abrasive Cleaning
106.262	Facility; Emission/Distance	106.454	Degreasing
106.263	Repairs and Maintenance	106.472	Organic/Inorganic Liquid Loading and Unloading
106.264	Replacements of Facilities	106.473	Organic Liquid Loading and Unloading
106.265	Hand-Held/Manually Operated Machines	106.474	Hydrochloric Acid Storage
106.281	Feed Milling	106.475	Pressure Tank or Vent to Firebox
106.283	Grain Handling	106.476	Pressure Tank or Vent to Control
106.311	Crucible or Pot Furnace	106.477	Anhydrous NH <sub>3</sub> Storage
106.314	Shell Core and Mold Machines	106.478	Storage Tank and Change Service
106.315	Sand or Investment Molds	106.491	Dual Chamber Incinerators
106.320	Miscellaneous Metallic Treatment	106.492	Flares
106.321	Metal Melting and Holding Furnace	106.493	Direct Flame Incinerators
106.322	Furnace to Reclaim Aluminum or Copper	106.494	Pathological Waste Incinerators
106.332	Chlorine Repackaging	106.495	Heat Cleaning Devices
106.351	Salt Water Disposal	106.496	Air Curtain Incinerators
106.352	Oil and Gas Production	106.511	Portable and Emergency Engines and Turbines

PBR No.	Name or Subject	PBR No.	Name or Subject
106.353	Temporary Oil and Gas Facilities	106.512	Stationary Engines and Turbines
106.354	Iron Sponge Gas-Treating Unit	106.513	Natural Gas-Fired Combined Heat and Power Units
106.355	Pipeline Metering, Purging, and Maintenance	106.532	Water/Wastewater Treatment
106.359	Planned Maintenance, Startup, and Shutdown (MSS) at Oil and Gas Handling and Production Facilities	106.533	Water and Soil Remediation
106.371	Cooling Water Units	106.534	Municipal Solid Waste Landfills and Transfer Stations

**A. Registered Permits by Rule (30 TAC Chapter 106) for the Application Area**

This section provides all PBR authorized emission units for the application area that require registration with the TCEQ.

**Unit ID No.:**

Enter the identification number (ID No.) for the emission unit authorized by the registered PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

**Registration No.:**

Enter the registration number provided by TCEQ upon authorization.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Registration Date:**

Enter the date (MM/DD/YYYY) the authorization was issued to the site. This is the date of the PBR authorization letter.

**B. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**

This section provides all PBR authorized emission units for the application area that are claimed (and not registered).

**Unit ID No.:**

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Version No./Date:**

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

**C. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area**

This section provides all PBR authorizations for the application area that are not identified in the table above and are considered insignificant sources.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Version No./Date:**

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

**D. Monitoring Requirements for registered and claimed PBRs for the Application Area**

This section provides the monitoring and/or record keeping requirements sufficient to demonstrate compliance for the registered and claimed PBRs identified in sections A and B.

**Unit ID No.:**

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Version No./Date:**

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

**Monitoring Requirement:**

Provide the monitoring and/or record keeping requirements used to demonstrate compliance with the applicable PBR conditions, general requirements of 30 TAC §106.4 or general requirements (if any) in effect at the time of the claim, and any certified registration of emission limits as applicable for the emission units. The specificity of the monitoring and/or recordkeeping requirements is required to be consistent with the [Periodic Monitoring Guidance](#) and include the following:

- Identify one or more indicators of emission control performance for the control device, or the parameter to be monitored if a control device is not utilized. Indicators may include, but are not limited to, direct or predicted emissions (including visible emissions or opacity), control device parameters, process parameters which are correlated to an emission rate through performance testing or AP-42 emission factors, or recorded finding of inspection and maintenance activities conducted by the owner or operator.
- Identify the frequency of conducting the monitoring. The monitoring frequencies should be consistent with the minimum monitoring frequency found in the applicable PM guidance document. For example, control device parameters may be monitored once per week.
- If applicable, identify the period over which discrete data points will be averaged.



**Permit By Rule Supplemental Table (Page 1)**  
**Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

Unit ID No.	Registration No.	PBR No.	Registration Date
27PB3	167705	106.433	3/2/2022
27PB4	167705	106.433	3/2/2022
27OVEN3	167705	106.183	3/2/2022
27OVEN4	167705	106.183	3/2/2022

**Permit By Rule Supplemental Table (Page 2)**  
**Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

Unit ID No.	PBR No.	Version No./Date
Hand Operated Drills, Grinders, CNC, Mills, Sanders Etc.	106.265	11/1/2003
Hand Brazing & Soldering Equipment	106.227	9/4/2000
Dry Abrasive Blasting: Aluminum Oxide	106.452	9/4/2000
Dry Abrasive Blasting: Garnet	106.452	9/4/2000
Dry Abrasive Blasting: Steel Shot	106.452	9/4/2000
Dry Abrasive Blasting: Soda	106.452	9/4/2000
Dry Abrasive Blasting: Dry Ice	106.452	9/4/2000
CD B2-1	106.454	11/1/2001
CD B27-1	106.454	11/1/2001
CD B5-1	106.454	11/1/2001

**Permit By Rule Supplemental Table (Page 3)**  
**Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

PBR No.	Version No./Date
SE5	5/5/1976
SE7	4/4/1975
SE7	1/8/1980
SE7	11/25/1985
SE7	11/5/1986
SE8	4/4/1975
SE8	1/8/1980
SE8	9/23/1982
SE8	8/30/1988
SE15	9/17/1973

**Permit By Rule Supplemental Table (Page 4)**  
**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
Hand Operated Drills, Grinders, CNC, Mills, Sanders Etc.	106.265	11/1/2003	30 TAC 106.4/106.8; monitored for opacity quarterly
Hand Brazing & Soldering Equipment	106.227	9/4/2000	30 TAC 106.4/106.8; monitored for opacity quarterly
Dry Abrasive Blasting: Aluminum Oxide	106.452	9/4/2000	30 TAC 106.4/106.8; monitored for Opacity Quarterly
Dry Abrasive Blasting: Garnet	106.452	9/4/2000	30 TAC 106.4/106.8; monitored for Opacity Quarterly
Dry Abrasive Blasting: Steel Shot	106.452	9/4/2000	30 TAC 106.4/106.8; monitored for Opacity Quarterly
Dry Abrasive Blasting: Soda	106.452	9/4/2000	30 TAC 106.4/106.8; monitored for Opacity Quarterly
Dry Abrasive Blasting: Dry Ice	106.452	9/4/2000	30 TAC 106.4/106.8; monitored for Opacity Quarterly
CD B2-1	106.454	11/1/2001	30 TAC 106.4/106.8; . quarterly inspection per Title V requirements; meets 106.454 operating requirements
CD B27-1	106.454	11/1/2001	30 TAC 106.4/106.8; . quarterly inspection per Title V requirements; meets 106.454 operating requirements
CD B5-1	106.454	11/1/2001	30 TAC 106.4/106.8; . quarterly inspection per Title V requirements; meets 106.454 operating requirements

OP-PBR SUP Additional PBR data for TABLE C

Permit By Rule Supplemental Table (Page 3)  
**Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	0-1631	100222488

PBR No.	Version No./Date
SE34	3/15/1985
SE58	9/23/1982
SE60	5/8/1972
SE61	3/15/1985
SE69	9/17/1973
SE69	5/5/1976
SE89	4/4/1975
SE89	9/23/1982
SE101	3/15/1985
SE101	9/12/1989
SE106	8/30/1988
SE106	4/5/1995
SE107	9/12/1989
SE118	8/30/1988
SE118	4/5/1995
SE119	5/12/1981

**Permit By Rule Supplemental Table (Page 4)**  
**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
14-BLR1	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
25PNT1	106.433	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
28-CLAVE-1	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
2SPARCELL-BLRA	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
2SPARCELL-BLRB	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
2SPARCELL-BLRC	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
2SPARCELL-BLRD	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
2SPARCELL-BLRE	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
30-AMU1	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
30-AMU2	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
30-AMU3	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
30-TRCB-BLR1	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
31	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
32	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
36-1	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
36-1A	106.261/106.262	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
36-2	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
36-2A	106.261/106.262	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
36-PNT1	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
36-PNT2	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
36-PNT3	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
36-PNT4	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
36-PNT5	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.

36-PNT6	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
36AB	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
36Q	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
36R	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
56-ABPRIME-AMU	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
56-ABPRIME-PNT	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
56-BLR1	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
56-BLR2	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
61EMERGG1	106.511	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are registered per 40 CFR 63 ZZZZ & 40 CFR NSPS IIII; engines perform to EPA teir rating; monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 3 for gasoline & diesel industrial engines.
61EMERGG2	106.511	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are registered per 40 CFR 63 ZZZZ & 40 CFR NSPS IIII; engines perform to EPA teir rating; monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 3 for gasoline & diesel industrial engines.
7235302	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
7235302A	106.261	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
99013	106.472	9/4/2000	30 TAC 106.4/106.8; Monitored for opacity quarterly; breathing losses calculated using AP-42 chapter 7 organic liquids storage tanks.
99014	106.472	9/4/2000	30 TAC 106.4/106.8;
99017	106.261/106.262	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
99018	106.261/106.262	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
99019	106.261/106.262	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
B36PRSBLR1	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
B36PRSBLR2	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
BDG36CTB	106.371	9/4/2000	30 TAC 106.4/106.8; Non-contact cooling tower; condensible particulate calculated using AP-42 13.4. Monitored for Opacity Quarterly
BDG36CTC	106.371	9/4/2000	30 TAC 106.4/106.8; Non-contact cooling tower; condensible particulate calculated using AP-42 13.4. Monitored for Opacity Quarterly
BLD36VP1	106.261/106.262	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
BLD36VP2	106.261/106.262	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
BLD36VPF	106.261/106.262	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
BLD36VPG	106.261/106.262	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
BLDG1CTB	106.371	9/4/2000	30 TAC 106.4/106.8; Non-contact cooling tower; condensible particulate calculated using AP-42 13.4. Monitored for Opacity Quarterly

BLDG2-CLAVEVP	106.261/106.262	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
BLDG24CT	106.371	9/4/2000	30 TAC 106.4/106.8; Non-contact cooling tower; condensible particulate calculated using AP-42 13.4. Monitored for Opacity Quarterly
BLDG26CT	106.371	9/4/2000	30 TAC 106.4/106.8; Non-contact cooling tower; condensible particulate calculated using AP-42 13.4. Monitored for Opacity Quarterly
BLDG28-CLAVEVP	106.261/106.262	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
BLDG2CTA	106.371	9/4/2000	30 TAC 106.4/106.8; Non-contact cooling tower; condensible particulate calculated using AP-42 13.4. Monitored for Opacity Quarterly
BLDG30 CT1	106.371	9/4/2000	30 TAC 106.4/106.8; Non-contact cooling tower; condensible particulate calculated using AP-42 13.4. Monitored for Opacity Quarterly
BLDG30-CLAVEVP	106.261/106.262	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
BLDG36PRSBRL1	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
BLDG36PRSBRL2	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
PROB29PNT3	106.433	9/4/2000	30 TAC 106.4/106.8; Meets Exemption in 106.433 for <.25 lb/hr of emissions. Process emissions are documented for inspector review in PBR records. Monitored for opacity quarterly.
PROB43-PNT	106.433	9/4/2000	30 TAC 106.4/106.8; Meets Exemption in 106.433 for <.25 lb/hr of emissions. Process emissions are documented for inspector review in PBR records. Monitored for opacity quarterly.
PROPLT1FUG	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
WWTANK1	106.532	9/4/2000	30 TAC 106.4/106.8; Meets Exemption in 106.532 no organics in waste stream. Monitored for opacity quarterly.
WWTANK2	106.532	9/4/2000	30 TAC 106.4/106.8; Meets Exemption in 106.532 no organics in waste stream. Monitored for opacity quarterly.
WWTANK3	106.532	9/4/2000	30 TAC 106.4/106.8; Meets Exemption in 106.532 no organics in waste stream. Monitored for opacity quarterly.
WWTANK4	106.532	9/4/2000	30 TAC 106.4/106.8; Meets Exemption in 106.532 no organics in waste stream. Monitored for opacity quarterly.
27PB3	106.433	167705	30 TAC 106.4; 30 TAC 106.8; 30 TAC 106.433; 40 CFR 63 Emissions are monitored & recorded based on the certified emission rates in authorization 167705. Filtration meets or exceeds and is monitored according to 40 CFR 63 GG. Records and process are monitored on Title V bi-annual and annual schedule; monitored for opacity quarterly.
27PB4	106.433	167705	30 TAC 106.4; 30 TAC 106.8; 30 TAC 106.433; 40 CFR 63 Emissions are monitored & recorded based on the certified emission rates in authorization 167705. Filtration meets or exceeds and is monitored according to 40 CFR 63 GG. Records and process are monitored on Title V bi-annual and annual schedule; monitored for opacity quarterly.
27OVEN3	106.183	167705	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
27OVEN4	106.183	167705	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.



OP-PBRSUP Additional PBR data for TABLE B

Permit By Rule Supplemental Table (Page 2)

Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area  
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
01/23/2025	01631	100222488

Unit ID No.	PBR No.	Version No./Date
14-BLR1	106.183	9/4/2000
25PNT1	106.433	9/4/2000
28-CLAVE-1	106.183	9/4/2000
2SPARCELL-BLRA	106.183	9/4/2000
2SPARCELL-BLRB	106.183	9/4/2000
2SPARCELL-BLRC	106.183	9/4/2000
2SPARCELL-BLRD	106.183	9/4/2000
2SPARCELL-BLRE	106.183	9/4/2000
30-AMU1	106.183	9/4/2000
30-AMU2	106.183	9/4/2000
30-AMU3	106.183	9/4/2000
30-TRCB-BLR1	106.183	9/4/2000
31	106.183	9/4/2000
32	106.183	9/4/2000
36-1	106.183	9/4/2000
36-1A	106.261/106.262	9/4/2000
36-2	106.183	9/4/2000
36-2A	106.261/106.262	9/4/2000
36-PNT1	106.183	9/4/2000
36-PNT2	106.183	9/4/2000
36-PNT3	106.183	9/4/2000
36-PNT4	106.183	9/4/2000
36-PNT5	106.183	9/4/2000
36-PNT6	106.183	9/4/2000
36AB	106.183	9/4/2000
36Q	106.183	9/4/2000
36R	106.183	9/4/2000
56-ABPRIME-AMU	106.183	9/4/2000
56-ABPRIME-PNT	106.183	9/4/2000
56-BLR1	106.183	9/4/2000
56-BLR2	106.183	9/4/2000
61EMERGG1	106.183	9/4/2000
61EMERGG2	106.183	9/4/2000
7235302	106.183	9/4/2000
7235302A	106.261	9/4/2000
99013	106.472	9/4/2000
99014	106.472	9/4/2000
99017	106.261/106.262	9/4/2000
99018	106.261/106.262	9/4/2000
99019	106.261/106.262	9/4/2000
B36PRSBRL1	106.183	9/4/2000
B36PRSBRL2	106.183	9/4/2000
BDG36CTB	106.371	9/4/2000
BDG36CTC	106.371	9/4/2000
BLD36VP1	106.261/106.262	9/4/2000
BLD36VP2	106.261/106.262	9/4/2000
BLD36VPF	106.261/106.262	9/4/2000
BLD36VPG	106.261/106.262	9/4/2000
BLDG1CTB	106.371	9/4/2000
BLDG2-CLAVEVP	106.261/106.262	9/4/2000
BLDG24CT	106.371	9/4/2000
BLDG26CT	106.371	9/4/2000
BLDG28-CLAVEVP	106.261/106.262	9/4/2000
BLDG2CTA	106.371	9/4/2000
BLDG30 CT1	106.371	9/4/2000
BLDG30-CLAVEVP	106.261/106.262	9/4/2000
BLDG36PRSBRL1	106.183	9/4/2000
BLDG36PRSBRL2	106.183	9/4/2000
PROB29PNT3	106.433	9/4/2000
PROB43-PNT	106.433	9/4/2000
PROPLT1FUG	106.183	9/4/2000
WWTANK1	106.532	9/4/2000
WWTANK2	106.532	9/4/2000
WWTANK3	106.532	9/4/2000
WWTANK4	106.532	9/4/2000
WWTANK4	106.532	9/4/2000

**From:** Sutton, Samuel <ssutton@bellflight.com>  
**Sent:** Monday, February 10, 2025 7:32 AM  
**To:** Primavera Trevino  
**Cc:** Rhyan Stone  
**Subject:** RE: Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1  
**Attachments:** OP-REQ1 Pg 88 - Updated for Submittal.pdf; OP-UA16 Updated.docx; OP-REQ1 & OP-PBR SUP Supplemental Tables.xlsx; OP-PBR SUP Updated.docx  
**Importance:** High

Hi Primavera,

Please see the attached updated OP-UA16, OP-REQ1 PG88, and the updated OP-PBR SUP Table B & D and the addendum in EXCEL format.

Please let me know if you need any further information.

Regards,

**SAM SUTTON**

Sr. EHS Specialist | Bell  
Principal Environmental Engineer  
Office: +1-817-280-1254  
Mobile: +1-469-724-7523  
[ssutton@bellflight.com](mailto:ssutton@bellflight.com)  
Follow Us @bellflight



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**From:** Primavera Trevino <Primavera.Trevino@tceq.texas.gov>  
**Sent:** Tuesday, February 4, 2025 11:35 AM  
**To:** Sutton, Samuel <ssutton@bellflight.com>  
**Cc:** Rhyan Stone <Rhyan.Stone@tceq.texas.gov>  
**Subject:** Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Mr. Sutton,

There are a few items that need to be revised.

- Form OP-UA16 (page 1) currently has the Unit ID No. as CDB2-1. The group name GRPCLDDGR will need to be entered as the Unit ID No. and not the individual unit, as it is part of a group. Please submit a revised OP-UA16 (page 1) with the correct Unit ID No.
- On the first page of Form OP-REQ1 (page 88), PBR No. 106.183 has the incorrect version date. Please resubmit page 88 of Form OP-REQ1 with the correct version date.
- On Form OP-PBRSUP, Table D should include the monitoring, recordkeeping, or reporting that is used to demonstrate compliance with the associated PBR for every entry that is included on either Tables A or B. Table D that was included in the updated OP-PBRSUP did not include the emission units that were included in Table A. Please resubmit Table D with all emission units from Tables A and B, as well as the necessary information listed below.
- On Form OP-PBRSUP, several emission units had “None” listed in the monitoring column on Table D. “None” is not acceptable because the monitoring or recordkeeping requirements that are used to demonstrate compliance with the specific PBR including the general emission limits of 106.4 must be included in Table D. EPA has objected to permits where insufficient monitoring was identified on Table D in the PBR Supplemental Tables. Please resubmit Table D that lists monitoring and/or recordkeeping requirements for all emission units listed on Table A and B.
  - The monitoring and testing requirements must be specific and include a monitoring frequency to ensure compliance with the requirements and emission limits for each PBR. For example, “Quarterly Inspection” is not sufficient because it doesn’t specify what is being inspected.

Please respond to this email by **02/11/2025**. If you have any questions on these items or if you would like to set up another meeting to discuss these requirements further, please let me know, thank you.

***Primavera Treviño***

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)

Phone: (512) 239-6209



How are we doing? Fill out our online customer satisfaction survey at [www.tceq.texas.gov/customersurvey](http://www.tceq.texas.gov/customersurvey)

**Form OP-UA16**  
**Solvent Degreasing Machine Attributes**  
**Texas Commission on Environmental Quality**

**General:**

This form is used to provide a description and data pertaining to all solvent degreasing machines with potentially applicable requirements associated with a particular regulated entity number and application. Each table number, along with the possibility of a corresponding letter (i.e., Table 1a, Table 1b), corresponds to a certain state or federal rule. If the rule on the table is not potentially applicable to a solvent degreasing machine, then it should be left blank and need not be submitted with the application. The following solvent degreasing machines are considered off-permit sources and do not need to be listed:

- A. In counties not affected by title 30 TAC Chapter 115, remote reservoir or immersion type cold solvent degreasers which do not use solvent with methylene chloride, perchloroethylene, trichloroethylene, 1,1,1-Trichloroethane, carbon tetrachloride, chloroform, or any combination of these solvent in a total concentration greater than or equal to 5% by weight.
- B. In counties affected by 30 TAC Chapter 115, remote reservoir cold solvent cleaners which use solvents with a typ equal to or less than 0.6 psia measured at 100 degrees Fahrenheit, which do not use solvents with methylene chloride, perchloroethylene, trichloroethylene, 1,1,1-Trichloroethane, carbon tetrachloride, chloroform, or any combination of these solvent in a total concentration greater than or equal to 5% by weight, and which have a drain area of less than 16 in 2, provided waste solvent is disposed of in enclosed containers.

If the codes entered by the applicant show negative applicability to the rule or sections of the rule represented on the table, then the applicant need not complete the remainder of the table(s) that corresponds to the rule. Further instruction as to which questions should be answered and which questions should not be answered are located in the "Specific" section of the instruction text. The following is included in this form:

**Table 1:**                      **Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115) Subchapter E: Degreasing Processes**

**Tables 2a - 2c:**            **Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart T: National Emission Standards for Halogenated Solvent Cleaning**

The application area name from Form OP-1 entitled, "Site Information Summary" must appear in the header of each page for the purpose of identification for the initial submittal. The date of the initial form submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). **Leave the permit number blank for the initial form submittal.** If this form is included as part of the permit revision process, enter the permit number assigned by the TCEQ, the area name (from Form OP-1), and the date of the revision submittal.

Unit attribute questions that do not require a response from all applicants are preceded by qualification criteria in the instructions. If the unit does not meet the qualification criteria, a response to the question is not required. **Anytime a response is not required based on the qualification criteria, leave the space on the form blank.**

**Notwithstanding any qualification criteria in the form instructions or information provided in other TCEQ guidance, the applicant may leave an attribute question blank (or indicate "N/A" for "Not Applicable") if the attribute is not needed for the applicable requirement determinations of a regulation for a unit.**

In some situations, the applicant has the option of selecting alternate requirements, limitations, and/or practices for a unit. Note that these alternate requirements, limitations, and/or practices must have the required approval from the TCEQ Executive Director and/or the U.S. Environmental Protection Agency Administrator *before* the federal operating permit application is submitted.

The Texas Commission on Environmental Quality (TCEQ) **requires** that a Core Data Form be submitted on **all** incoming registrations unless all of the following are met: The Regulated Entity *and* Customer Reference Numbers have been issued by the TCEQ and no core data information has changed. The Central Registry, a common record area of the TCEQ which maintains information about TCEQ customers and regulated activities, such as company names, addresses, and telephone

numbers. This information is commonly referred as “core data.” The Central Registry provides the regulated community with a central access point within the agency to check core data and make changes when necessary. When core data about a facility is moved to the Central Registry, two new identification numbers are assigned: the *Customer Reference (CN)* number and the *Regulated Entity (RN)* number. The Core Data Form is required if facility records are not yet part of the Central Registry or if core data for a facility has changed. If this is the initial registration, permit, or license for a facility site, then the Core

Data Form must be completed and submitted with application or registration forms. If amending, modifying, or otherwise updating an existing record for a facility site, the Core Data Form is not required, unless any core data information has changed. To review additional information regarding the Central Registry, go to the TCEQ website at [www.tceq.texas.gov/permitting/central\\_registry](http://www.tceq.texas.gov/permitting/central_registry).

### Specific:

#### **Table 1:** Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115), Subchapter E: Degreasing Processes

- ★ **Complete Table 1 only for solvent degreasing machines located in a county subject to 30 TAC Chapter 115 and using a volatile organic compound (VOC).**

#### **Unit ID No.:**

Enter the identification number (ID No.) for the solvent degreasing machine (maximum 10 characters) as listed on Form OP- SUM entitled, “Individual Unit Summary.”

#### **SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB- XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers please refer to the TCEQ guidance document entitled “Federal Operating Permit Application Guidance Document.”

#### **Solvent Degreasing Machine Type:**

Select one of the following options for the solvent degreasing machine type as pertains to 30 TAC Chapter 115. Enter the code on the form.

For SOP applications:

Code	Description
CONV	Conveyorized (vapor or cold) cleaning machine
VOT	Open-top vapor cleaning machine
COLD	Cold solvent cleaning machine
RRC-S	Remote reservoir cold solvent cleaning machine
550-	Degreasing operations located on a property which, when uncontrolled, can emit a combined weight of VOC less than 550 pounds in any consecutive 24-hour period [for degreasing operations located in Gregg, Nueces, or Victoria County and claiming exemption 30 TAC § 115.411(5)]

For GOP applications:

Code	Description
RRC-G	Remote reservoir cold solvent cleaning machine
OTHER	Other than remote reservoir cold solvent cleaning machine

*Note: Open-top vapor or conveyorized degreasing machines subject to 30 TAC Chapter 115 and degreasing machines using halogenated solvents do not qualify for a GOP.*

TCEQ 10030 (APD-ID51v1.0 revised 10/22) OP-UA16

This form is for use by sources subject to air quality permit requirements and may be revised periodically. (Title V Release 10/22)

**Alternate Control Requirement (ACR):**

If the TCEQ Executive Director has approved an ACR as allowed under 30 TAC § 115.413, enter "YES". Otherwise, enter "NO."

**Alternate Control Requirement ID. No.:**

If an ACR allowed under 30 TAC § 115.413 is used, then enter the corresponding ACR unique identifier for each unit (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the ACR approval letter in the table column. The unique identifier and/or the date of approval letter is contained in the compliance file under the appropriate account number. Otherwise, leave this column blank (GOP applicants must leave this column blank).

- ★ **Complete the Rest of Table 1 only if "Alternate Control Requirement" is "NO."**
- ★ **Complete "Solvent Sprayed," "Solvent Vapor Pressure," Solvent Heated or Agitated," "Parts Larger than Drainage," "Drainage Area," and "Disposal in Enclosed Containers" Only if "Solvent Degreasing Machine Type" is "COLD," "RRC-S," "RRC-G," or "OTHER."**

**Solvent Sprayed:**

Enter "YES" if a solvent is sprayed. Otherwise, enter "NO."

**Solvent Vapor Pressure:**

Select one of the following options for solvent vapor pressure (as measured at 100°F). Enter the code on the form.

For SOP applications:

Code	Description
0.6-	Solvent vapor pressure is less than or equal to 0.6 psia as measured at 100 degrees Fahrenheit
0.6+	Solvent vapor pressure is greater than 0.6 psia as measured at 100 degrees Fahrenheit

For GOP applications:

Code	Description
G0.6-	Solvent vapor pressure is less than or equal to 0.6 psia at 100 degrees Fahrenheit
G0.6+	Solvent vapor pressure is greater than 0.6 psia at 100 degrees Fahrenheit

**Solvent Heated:**

Enter "YES" if the solvent is heated to a temperature greater than 120 degrees Fahrenheit. Otherwise, enter "NO."

**Parts Larger Than Drainage:**

Enter "YES" if any cleaned part for which the machine is authorized to clean are larger than the internal drainage facility of the machine. Otherwise, enter "NO."

- ★ **Complete "Drainage Area" only if "Solvent Degreasing Machine Type" is "COLD" or "RRC-S", or if "Solvent Degreasing Machine Type" is "RRC-G" and "Solvent Vapor Pressure" is "G0.6-."**

**DRAINAGE AREA:**

Select one of the following options for drainage area. Enter the code on the form.

Code	Description
16-	Area is less than 16 square inches
16+	Area is greater than or equal to 16 square inches

**Disposal in Enclosed Containers:**

Enter "YES" if the waste solvent is properly disposed of in enclosed containers. Otherwise, enter "NO."

- ★ **Complete "Solvent/Air Interface Area" only if "Solvent Degreasing Machine Type" is "CONV."**

**Solvent/Air Interface Area:**

Select one of the following options for solvent/air interface area as pertains to 30 TAC Chapter 115. Enter the code on the form.

Code	Description
20-	Solvent/air interface is less than 20 square feet
20+	Solvent/air interface is greater than or equal to 20 square feet

- ★ **Complete “Emission Control Combinations” only if “Solvent Degreasing Machine Type” is “CONV” or “VOT.”**

**Emission Control Combinations:**

For solvent degreasing machines subject to the requirements of 30 TAC Chapter 115, select from the following options for emission control combinations. If more than one control technique is used, list each control technique on additional lines.

Code	Description
FBR	Freeboard with the ratio specified in 30 TAC § 115.412(1)(E) or 30 TAC § 115.412(2)(D)(i)
CHILL	Refrigerated chiller achieving 85% or greater control of VOC emissions
ENCL	Enclosed design
CADS	Carbon adsorber with ventilation greater than or equal to 50 cfm/ft <sup>2</sup> and exhausting less than 25 ppm of solvent volume averaged over one adsorption cycle

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**Table 2a:** **Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart T: National Emission Standards for Halogenated Solvent Cleaning**

- ★ **Complete for solvent cleaning machines using halogenated solvents.**

**Unit ID No.:**

Enter the identification number (ID No.) for the solvent cleaning machine (maximum 10 characters) as listed on Form OP-SUM entitled, “Individual Unit Summary.”

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB- XXXX]). For additional information relating to SOP index numbers, please refer to the TCEQ guidance document entitled “Federal Operating Permit Application Guidance Document.”

**Solvent Type:**

Enter “YES” if the unit uses one (or any combination) of the following halogenated hazardous air pollutant (HAP) solvents: methylene chloride, perchloroethylene, trichloroethylene, 1,1,1-trichloroethane, carbon tetrachloride, or chloroform in a total concentration greater than 5% by weight. Otherwise, enter “NO.”

**Solvent Cleaning Machine Type:**

Select one of the following options for the solvent cleaning machine type as it pertains to 40 CFR Part 63, Subpart T. Enter the code on the form.

Code	Description
INLN	In-line (vapor or cold) cleaning machine
CWCM	Continuous web cleaning machine
RRCWCM	Remote reservoir continuous web cleaning machine
CRRB	Non-immersion remote reservoir batch cold cleaning machine
CRRBIM	Immersion remote reservoir batch cold cleaning machine
CBAT	Batch cold cleaning machine other than a remote reservoir cold cleaning machine



VOTB	Open-top batch vapor cleaning machine
VBAT	Batch vapor cleaning machine other than open-top vapor
OTHER	Other solvent cleaning machine type

- ★ **Complete “Equivalent Methods of Control” only if “Solvent Cleaning Machine Type” is “INLN,” “CWCM,” “RRCWCM,” “VOTB,” or “VBAT.”**

#### **Equivalent Methods of Control:**

Enter “YES” if using equivalent equipment or procedures approved by the EPA Administrator, under 40 CFR § 63.469, to those prescribed for compliance within a specified paragraph of 40 CFR Part 63, Subpart T. Otherwise, enter “NO.”

#### **EMOC ID NO.:**

If an equivalent method of control (EMOC) has been approved, enter the corresponding EMOC unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the EMOC approval letter. The unique identifier and/or the date of the approval letter is contained in the compliance file under the appropriate account number. Otherwise, leave this column blank.

- ▼ **Do not continue if “Solvent Cleaning Machine Type” is “INLN,” “CWCM,” “RRCWCM,” “VOTB” or “VBAT” and “Equivalent Methods of Control” is “YES.”**

#### **Construction Date:**

Select one of the following options based on the commencement date of the most recent construction, modification, or reconstruction of the solvent degreasing machine. Enter the code on the form.

<b>Code</b>	<b>Description</b>
93-	Unit constructed, modified, or reconstructed on or before November 29, 1993
93+	Unit constructed, modified, or reconstructed after November 29, 1993

- ★ **Complete the remainder of Table 2a only if “Solvent Cleaning Machine Type” is “CRRB,” “CRRBIM,” or “CBAT.” If “Solvent Cleaning Machine Type” is NOT “CRRB,” “CRRBIM,” or “CBAT,” go to Table 2b.**

- ★ **Complete “Cold Cleaning Emission Control” only if “Solvent Cleaning Machine Type” is “CRRBIM” or “CBAT.”**

#### **Cold Cleaning Emission Control:**

For solvent degreasing machines subject to the requirements of 40 CFR Part 63, Subpart T, choose from the following codes to describe emission control. If more than one code is applicable, use additional rows to list each control technique.

<b>Code</b>	<b>Description</b>
FREBRD	Freeboard ratio is greater than or equal to 0.75
WATER	A water layer on the surface with thickness greater than or equal to 2.5 cm

- ★ **Complete “Cold Cleaning Work Practice Alternative” if “Solvent Cleaning Machine Type” is “CRRB” or if “Solvent Cleaning Machine Type” is “CRRBIM” or “CBAT”, and “Cold Cleaning Emission Control” includes “FREBRD.”**

#### **Cold Cleaning Work Practice Alternative:**

Enter “YES” if an alternative to the requirements of 40 CFR § 63.462(c)(1) - (8) have been approved. Otherwise, enter “NO.”

#### **Cold Cleaning Work Practice Alternative ID No.:**

If a work practice alternative has been approved, enter the corresponding unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the approval letter. The unique identifier and/or the date of the approval letter is contained in the compliance file under the appropriate account number. Otherwise, leave this column blank.

- ★ **Complete “Additional Emission Control” if “Solvent Cleaning Machine Type” is “CRRB” and “Cold Cleaning Work Practice Alternative” is “NO;” or if “Solvent Cleaning Machine Type” is “CRRBIM” or “CBAT,” and “Cold Cleaning Emission Control” includes “FREBRD” and “Cold Cleaning Work Practice Alternative” is “NO.”**

**Additional Emission Control:**

Choose from the following codes to describe emission control. If more than one code is applicable, use additional rows to list each control technique.

Code	Description
FHFD	Flexible hose or flushing device
AGTD	Air or pump-agitated solvent bath
BOTH	Flexible hose or flushing device and Air or pump-agitated solvent bath
NONE	None

- ▼ **Continue only if “Solvent Degreasing Machine Type” is “INLN,” “CWCM,” “RRCWCM,” “VBAT,” or “VOTB.”**

**Table 2b:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart T: National Emission Standards for Halogenated Solvent Cleaning

**Unit ID No.:**

Enter the identification number (ID No.) for the solvent cleaning machine (maximum 10 characters) as listed on Form OP- SUM entitled, “Individual Unit Summary.”

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB- XXXX]). For additional information relating to SOP index numbers, please refer to the TCEQ guidance document entitled “Federal Operating Permit Application Guidance Document.”

**Alternative Standard:**

Enter “YES” if complying with 40 CFR § 63.464 as an alternative to 40 CFR § 63.463. Otherwise, enter “NO”.

- ★ **Complete “Solvent/Air Interface Area” only if “Solvent Cleaning Machine Type” is “VBAT” or “VOTB.”**

**Solvent/Air Interface Area:**

Select one of the following options for solvent/air interface area as it pertains to 40 CFR Part 63, Subpart T. Enter the code on the form.

Code	Description
NONE	No solvent/air interface
13-	Solvent/air interface area is less than or equal to 13 ft <sup>2</sup> (1.21 m <sup>2</sup> )
13+	Solvent/air interface area is greater than 13 ft <sup>2</sup> (1.21 m <sup>2</sup> )

- ★ **Complete “Machine Cleaning Capacity” Only if “Alternative Standard” is “YES” and “Solvent/Air Interface Area” is “NONE”.**

**Machine Cleaning Capacity:**

Enter one of the following codes for solvent degreasing machine capacity.

Code	Description
780-	Capacity is less than or equal to 780 gallons (2.95 cubic meters)
780+	Capacity is greater than 780 gallons (2.95 cubic meters)

- ▼ **Continue only if “Alternative Standard” is “NO.”**

**Machine Exhaust:**

Select one option that describes the exhaust being used by the solvent cleaning machine. Enter the code on the form.

Code	Description
LIP	Solvent cleaning machine uses a lip exhaust
OTHER	Solvent cleaning machine uses an exhaust, internal to the machine, other than a lip exhaust
NONE	Solvent cleaning machine uses no exhaust internal to the machine

*Note: If "Machine Exhaust" is "LIP" or "OTHER," the "Control Combination" selected must include a carbon adsorption system.*

**Control Combinations:**

Select one option that describes the control combination or compliance option being used by the solvent cleaning machine. Enter the code on the form.

For batch vapor solvent cleaning machines with a solvent air interface of 13 square feet or less complying with the requirements of 40 CFR § 63.463(b)(1)(i) or § 63.463(b)(1)(ii):

Code	Description
TABLE1-1	Solvent cleaning machine uses a working mode cover, freeboard ratio of 1.0 and superheated vapor
TABLE1-2	Solvent cleaning machine uses a freeboard refrigeration device and superheated vapor
TABLE1-3	Solvent cleaning machine uses a working mode cover and freeboard refrigeration device
TABLE1-4	Solvent cleaning machine uses a reduced room draft, freeboard ratio of 1.0 and superheated vapor
TABLE1-5	Solvent cleaning machine uses a reduced room draft and freeboard refrigeration device
TABLE1-6	Solvent cleaning machine uses a freeboard refrigeration device and a freeboard ratio of 1.0
TABLE1-7	Solvent cleaning machine uses a freeboard refrigeration device and dwell
TABLE1-8	Solvent cleaning machine uses a reduced room draft, freeboard ratio of 1.0 and dwell
TABLE1-9	Solvent cleaning machine uses a freeboard refrigeration device and a carbon adsorber
TABLE1-10	Solvent cleaning machine uses a freeboard ratio of 1.0, superheated vapor and a carbon adsorber
IDLE22	Demonstrating compliance with the 0.22 kg/hr per square meter (0.045 lb/hr per square foot) of solvent air interface as specified in 40 CFR § 63.463(b)(1)(ii) or § 63.463(b)(2)(ii)

For batch vapor solvent cleaning machines with a solvent air interface of greater than 13 square feet complying with the requirements of 40 CFR § 63.463(b)(2)(i) or § 63.463(b)(2)(ii):

Code	Description
TABLE2-1	Solvent cleaning machine uses a freeboard refrigeration device, freeboard ratio of 1.0 and superheated vapor
TABLE2-2	Solvent cleaning machine uses a reduced room draft, freeboard refrigeration device and dwell
TABLE2-3	Solvent cleaning machine uses a working mode cover, freeboard refrigeration device and superheated vapor
TABLE2-4	Solvent cleaning machine uses a reduced room draft, freeboard ratio of 1.0 and superheated vapor
TABLE2-5	Solvent cleaning machine uses a reduced room draft, freeboard refrigeration device and superheated vapor
TABLE2-6	Solvent cleaning machine uses a reduced room draft, freeboard ratio of 1.0 and a freeboard refrigeration device
TABLE2-7	Solvent cleaning machine uses a freeboard refrigeration device, superheated vapor and a carbon adsorber
IDLE22	Demonstrating compliance with the 0.22 kg/hr per square meter (0.045 lb/hr per square foot) of solvent air interface as specified in 40 CFR § 63.463(b)(1)(ii) or § 63.463(b)(2)(ii)

For existing in-line solvent cleaning machines:

<b>Code</b>	<b>Description</b>
TABLE3-1	Solvent cleaning machine uses superheated vapor and a freeboard ratio of 1.0
TABLE3-2	Solvent cleaning machine uses a freeboard refrigeration device and a freeboard ratio of 1.0
TABLE3-3	Solvent cleaning machine uses a freeboard refrigeration device and dwell
TABLE3-4	Solvent cleaning machine uses a carbon adsorber and dwell
IDLE10	Demonstrating compliance with the 0.10 kg/hr per square meter (0.021 lb/hr per square foot) of solvent air interface as specified in 40 CFR § 63.463(c)(1)(ii) or § 63.463(c)(2)(ii)

For new in-line solvent cleaning machines:

<b>Code</b>	<b>Description</b>
TABLE4-1	Solvent cleaning machine uses superheated vapor and a freeboard refrigeration device
TABLE4-2	Solvent cleaning machine uses a freeboard refrigeration device and a carbon adsorber
TABLE4-3	Solvent cleaning machine uses superheated vapor and a carbon adsorber
IDLE10	Demonstrating compliance with the 0.10 kg/hr per square meter (0.021 lb/hr per square foot) of solvent air interface as specified in 40 CFR § 63.463(c)(1)(ii) or § 63.463(c)(2)(ii)

For existing continuous web solvent cleaning machines:

<b>Code</b>	<b>Description</b>
SVAPOR+1	Superheated vapor and a freeboard ratio of 1.0
SPART+1	Superheated part technology and a freeboard ratio of 1.0
FRD+1	Freeboard refrigeration device and a freeboard ratio of 1.0
CADS100	Carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
CADS70	Carbon adsorption system demonstrated to have an overall control efficiency of at least 70%

For new continuous web solvent cleaning machines:

<b>Code</b>	<b>Description</b>
SVAPRFRD	Superheated vapor and a freeboard refrigeration device
SPARTFRD	Superheated parts technology and a freeboard refrigeration device
FRDCAD100	Freeboard refrigeration device and a carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
VPRCAD100	Superheated vapor and a carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
PTCAD100	Superheated part technology and a carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
CADS70	Carbon adsorption system demonstrated to have an overall control efficiency of at least 70%

For new remote reservoir continuous web solvent cleaning machines:

<b>Code</b>	<b>Description</b>
SVAPOR	Superheated vapor
SPART	Superheated part technology
CADS100	Carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
CADS70	Carbon adsorption system demonstrated to have an overall control efficiency of at least 70%

For existing remote reservoir continuous web solvent cleaning machines:

Code	Description
NOCAD	Existing remote reservoir continuous web solvent cleaning machine does not have an exhaust and is not required to equip with a carbon adsorption system
CADS100	Carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
CADS70	Carbon adsorption system demonstrated to have an overall control efficiency of at least 70%

#### Alternative Monitoring Procedure:

Enter "YES" if using an alternative monitoring procedure (AMP) approved by the EPA Administrator and using a control device in 40 CFR §§ 63.466(a) through (e). Otherwise, enter "NO."

#### AMP ID No.:

If an AMP has been approved, enter the corresponding AMP unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the AMP approval letter. The unique identifier and/or the date of the approval letter is contained in the compliance file under the appropriate account number. Otherwise, leave this column blank.

- ★ **Complete "Superheated Part Monitoring" only if "Solvent Cleaning Machine Type" is "CWCM" and "Control Combination" is "SPART+1," "SPARTFRD" or "PTCAD100" and "Alternate Monitoring Procedures" is "NO"; or if "Solvent Cleaning Machine Type" is "RRCWCM," and "Control Combination" is "SPART" and "Alternate Monitoring Procedures" is "NO."**

#### Superheated Part Monitoring:

Enter "YES" if compliance with the monitoring provisions of 40 CFR § 63.466(a)(4) is selected. Otherwise, enter "NO."

### **Table 2c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart T: National Emission Standards for Halogenated Solvent Cleaning**

#### Unit ID No.:

Enter the identification number (ID No.) for the solvent cleaning machine (maximum 10 characters) as listed on Form OP- SUM entitled, "Individual Unit Summary."

#### SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB- XXXX]). For additional information relating to SOP index numbers, please refer to the TCEQ guidance document entitled "Federal Operating Permit Application Guidance Document."

- ★ **Complete "Air Disturbance Control Option" only if "Solvent Cleaning Machine Type" is "CWCM," "INLN", "VOTB", or "VBAT."**

#### Air Disturbance Control Option:

Select one option that describes how the solvent cleaning machine is complying with the requirement to control air disturbance as specified in 40 CFR § 63.463(a)(1) or § 63.463(g)(3)(i). Enter the code on the form.

For in-line or batch vapor solvent cleaning machines:

Code	Description
RRD	Using reduced room draft and monitoring and controlling room parameters
RRDENCL	Using reduced room draft achieved through use of a partial or total enclosure
COVER	Using an idling or downtime cover

For continuous web solvent cleaning machines:

<b>Code</b>	<b>Description</b>
RRD	Using reduced room draft and monitoring and controlling room parameters
RRDENCL	Using reduced room draft achieved through use of a partial or total enclosure
COVER	Using an idling or downtime cover
GASKET	Using gasketed or leakproof doors to separate the continuous web part feed and take-up reels from the room atmosphere
PRESS-	Machine is under negative pressure during idling and downtime and is vented to a carbon adsorber meeting the requirements of 40FR § 63.463(e)(2)(vii) or § 63.463(g)(2)

- ★ **Complete “Continuous Web Work Practice Option” only if “Solvent Cleaning Machine Type” is “CWCM” or “RRCWCM.”**

**Continuous Web Work Practice Option:**

Select one option that describes how the solvent cleaning machine is complying with the requirements of 40 CFR § 63.463(g)(3)(iii) or § 63.463(h)(2)(i). Enter the code on the form.

<b>Code</b>	<b>Description</b>
SPEED	Using an automated parts handling system capable of moving parts or parts baskets at a speed of 3.4 meters/minute (11 feet/minute) or less
AKNIFE	Using an air knife system
SQUEEG	Using a squeegee system
BOTH	Using both an air knife and squeegee system

- ★ **Complete “§ 63.466(a)-(e) Control” only if “Control Combination” is “IDLE22” or “IDLE10.”**

**§ 63.466(a)-(e) CONTROL:**

Enter “YES” if the solvent cleaning machine is using any of the controls in 40 CFR § 63.466(a)-(e). Otherwise, enter “NO.”

- ▼ **Continue only if “Control Combination” is “IDLE22” or “IDLE10” and “§ 63.466(a)-(e) Control” is “YES.”**

**Freeboard Refrigeration Device:**

Enter “YES” if the solvent cleaning machine is using a freeboard refrigeration device. Otherwise, enter “NO.”

**Working Mode Cover:**

Enter “YES” if the solvent cleaning machine is using a working mode cover. Otherwise, enter “NO.”

**Dwell:**

Enter “YES” if the solvent cleaning machine is using a dwell. Otherwise, enter “NO.”

**Superheated Vapor:**

Enter “YES” if the solvent cleaning machine is using superheated vapor. Otherwise, enter “NO.”

**Carbon Adsorber:**

Enter “YES” if the solvent cleaning machine is using a carbon adsorber. Otherwise, enter “NO.”

**Solvent Degreasing Machine Attributes**  
**Form OP-UA16 (Page 1) Federal Operating Permit Program**  
**Table 1: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115) Subchapter E: Solvent Using Processes**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
2/10/2025	O-01631	100222488

Unit ID No.	SOP/GO P Index No.	Solvent Degreasing Machine Type	Alternate Control Requirement (ACR)	Alternate Control Requirement ID No.	Solvent Sprayed	Solvent Vapor Pressure	Solvent Heated	Parts Larger Than Drainage	Drainage Area	Disposal in Enclosed Containers	Solvent/Air Interface Area	Emission Control Combinations
GRPCLDDG R	R5412-1	COLD	NO	N/A	NO	0.6-	NO	NO	16+	YES	N/A	N/A

**Solvent Degreasing Machine Attributes**  
**Form OP-UA16 (Page 12) Federal Operating Permit Program**  
**Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart T: National Emission Standards for Halogenated Solvent Cleaning**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Solvent Type	Solvent Cleaning Machine Type	Equivalent Methods of Control	EMOC ID No.	Construction Date	Cold Cleaning Emission Control	Cold Cleaning Work Practice Alternative	Cold Cleaning Work Practice Alternative ID No.	Additional Emission Control



**Solvent Degreasing Machine Attributes**  
**Form OP-UA16 (Page 3) Federal Operating Permit Program**  
**Table 2b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63) Subpart T:**  
**National Emission Standards for Halogenated Solvent Cleaning**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Alternative Standard	Solvent/Air Interface	Machine Cleaning Capacity	Machine Exhaust	Control Combinations	Alternative Monitoring Procedure	AMP ID No.	Superheated Part Monitoring

**Solvent Degreasing Machine Attributes**  
**Form OP-UA16 (Page 4) Federal Operating Permit Program**  
**Table 2c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63) Subpart T:**  
**National Emission Standards for Halogenated Solvent Cleaning**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Air Disturbance Control Option	Continuous Web Work Practice Option	§ 63.466(a) - (e) Control	Freeboard Refrigeration Device	Working Mode Cover	Dwell	Superheated Vapor	Carbon Adsorber

**Texas Commission on Environmental Quality**  
**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1**  
**Federal Operating Permit Program**

Date:	02/10/2025
Permit No.:	O-01631
RN No.:	100222488

*For SOP applications, answer ALL questions unless otherwise directed.*

◆ *For GOP applications, answer ONLY these question unless otherwise directed.*

<b>Form OP-REQ1: Page 88</b>	
<b>XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)</b>	
◆ <b>I. Permits by Rule (30 TAC Chapter 106) for the Application Area</b>	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 106.454	Version No./Date: 11-1-2001
PBR No.: 106.231	Version No./Date: 9-4-2000
PBR No.: 106.433	Version No./Date: 9-4-2000
PBR No.: 106.375	Version No./Date: 9-4-2000
PBR No.: 106.261	Version No./Date: 11-1-2003
PBR No.: 106.262	Version No./Date: 11-1-2003
PBR No.: 106.265	Version No./Date: 9-4-2000
PBR No.: 106.263	Version No./Date: 11-1-2001
PBR No.: 106.227	Version No./Date: 9-4-2000
PBR No.: 106.451	Version No./Date: 9-4-2000
PBR No.: 106.452	Version No./Date: 9-4-2000
PBR No.: 106.183	Version No./Date: 9-4-2000
PBR No.: 106.532	Version No./Date: 9-4-2000
PBR No.: 106.371	Version No./Date: 9-4-2000
PBR No.: 106.511	Version No./Date: 9-4-2000
PBR No.: 106.472	Version No./Date: 9-4-2000
◆ <b>J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum</b>	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

**Form OP-PBRSUP - Instructions**  
**Permits By Rule Supplemental Table**  
**Texas Commission on Environmental Quality**

**General:**

The form is used to provide supplemental information for all Permits by Rule (PBRs) that authorize emission units for a site (or area) subject to the requirements of the Federal Operating Permit (FOP) Program. For emission units identified on Form OP-SUM or Form OP-SUMR, the PBR registration number identified in Section A must also be included on Form OP-SUM or Form OP-SUMR.

The Texas Commission on Environmental Quality (TCEQ) regulated entity reference number (RNXXXXXXXXXX), if assigned, and the application area name from Form OP-1 (Site Information Summary) must appear on the header of each page for purposes of identification for the initial submittal. The date of the initial submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). The date on each table should be revised with any updated submittal provided during the review process. Leave the permit number blank only if the initial form submittal accompanies an initial application. If this form is included as part of the permit renewal or revision process, enter the FOP permit number assigned by the TCEQ, the area name from Form OP-1, the date of the renewal or revision submittal, and the regulated entity reference number. The form OP-PBRSUP should be submitted for any PBR authorization updates with each revision and renewal application.

The TCEQ requires that a Core Data Form be submitted on all incoming applications/registrations unless a regulated entity reference number and customer reference number have been issued by the TCEQ and no core data information has changed. If a regulated entity reference number or customer reference number has been issued, then the number must be noted on the request or applicable form. For more information regarding the Core Data Form, call (512) 239-5175 or go to the TCEQ website at: [www.tceq.texas.gov/permitting/central\\_registry/guidance.html](http://www.tceq.texas.gov/permitting/central_registry/guidance.html)

**Specific:**

Permits by Rule (30 TAC Chapter 106) for the Application Area

**Emission units authorized under the following PBRs and any corresponding historical (pre-March 1997) SEs are required to be listed in sections A, B, and D:**

PBR No.	Name or Subject	PBR No.	Name or Subject
106.124	Pilot Plants	106.373	Refrigeration Systems
106.142	Rock Crushers	106.374	Lime Slaking
106.144	Bulk Mineral Handling	106.375	Aqueous Electrolytic
106.145	Bulk Sand Handling	106.376	Decorative Chrome Plating
106.146	Soil Stabilization Plants	106.392	Thermoset Resin
106.147	Asphalt Concrete Plants	106.393	Convey/Storage Plastic/Rubber
106.150	Asphalt Silos	106.395	Plastic/Rubber Mix (No Solvent)
106.181	Used Oil Combustion Units	106.396	Plastic Rubber Mix (Solvent)
106.182	Ceramic Kilns	106.411	Steam or Dry Cleaning Equipment
106.183	Boilers, Heaters, and Other Combustion Units	106.412	Fuel Dispensing
106.221	Extrusion Presses	106.416	Uranium Recovery

PBR No.	Name or Subject	PBR No.	Name or Subject
106.223	Sawmills	106.417	Ethylene Oxide Sterilizers
106.224	Aerospace	106.418	Printing Presses
106.225	Semiconductor	106.419	Photographic Process Equipment
106.226	Coating Manufacturing	106.433	Surface Coat
106.227	Soldering, Brazing, Welding	106.434	Powder Coating Facility
106.231	Wood Products	106.435	Classic or Antique Auto Restoration Facility
106.245	Ethyl Alcohol Facilities	106.436	Auto Body Refinishing
106.261	Facility; Emission Limits	106.452	Dry Abrasive Cleaning
106.262	Facility; Emission/Distance	106.454	Degreasing
106.263	Repairs and Maintenance	106.472	Organic/Inorganic Liquid Loading and Unloading
106.264	Replacements of Facilities	106.473	Organic Liquid Loading and Unloading
106.265	Hand-Held/Manually Operated Machines	106.474	Hydrochloric Acid Storage
106.281	Feed Milling	106.475	Pressure Tank or Vent to Firebox
106.283	Grain Handling	106.476	Pressure Tank or Vent to Control
106.311	Crucible or Pot Furnace	106.477	Anhydrous NH <sub>3</sub> Storage
106.314	Shell Core and Mold Machines	106.478	Storage Tank and Change Service
106.315	Sand or Investment Molds	106.491	Dual Chamber Incinerators
106.320	Miscellaneous Metallic Treatment	106.492	Flares
106.321	Metal Melting and Holding Furnace	106.493	Direct Flame Incinerators
106.322	Furnace to Reclaim Aluminum or Copper	106.494	Pathological Waste Incinerators
106.332	Chlorine Repackaging	106.495	Heat Cleaning Devices
106.351	Salt Water Disposal	106.496	Air Curtain Incinerators
106.352	Oil and Gas Production	106.511	Portable and Emergency Engines and Turbines

PBR No.	Name or Subject	PBR No.	Name or Subject
106.353	Temporary Oil and Gas Facilities	106.512	Stationary Engines and Turbines
106.354	Iron Sponge Gas-Treating Unit	106.513	Natural Gas-Fired Combined Heat and Power Units
106.355	Pipeline Metering, Purging, and Maintenance	106.532	Water/Wastewater Treatment
106.359	Planned Maintenance, Startup, and Shutdown (MSS) at Oil and Gas Handling and Production Facilities	106.533	Water and Soil Remediation
106.371	Cooling Water Units	106.534	Municipal Solid Waste Landfills and Transfer Stations

**A. Registered Permits by Rule (30 TAC Chapter 106) for the Application Area**

This section provides all PBR authorized emission units for the application area that require registration with the TCEQ.

**Unit ID No.:**

Enter the identification number (ID No.) for the emission unit authorized by the registered PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

**Registration No.:**

Enter the registration number provided by TCEQ upon authorization.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Registration Date:**

Enter the date (MM/DD/YYYY) the authorization was issued to the site. This is the date of the PBR authorization letter.

**B. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**

This section provides all PBR authorized emission units for the application area that are claimed (and not registered).

**Unit ID No.:**

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Version No./Date:**

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

**C. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area**

This section provides all PBR authorizations for the application area that are not identified in the table above and are considered insignificant sources.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Version No./Date:**

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

**D. Monitoring Requirements for registered and claimed PBRs for the Application Area**

This section provides the monitoring and/or record keeping requirements sufficient to demonstrate compliance for the registered and claimed PBRs identified in sections A and B.

**Unit ID No.:**

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Version No./Date:**

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

**Monitoring Requirement:**

Provide the monitoring and/or record keeping requirements used to demonstrate compliance with the applicable PBR conditions, general requirements of 30 TAC §106.4 or general requirements (if any) in effect at the time of the claim, and any certified registration of emission limits as applicable for the emission units. The specificity of the monitoring and/or recordkeeping requirements is required to be consistent with the [Periodic Monitoring Guidance](#) and include the following:

- Identify one or more indicators of emission control performance for the control device, or the parameter to be monitored if a control device is not utilized. Indicators may include, but are not limited to, direct or predicted emissions (including visible emissions or opacity), control device parameters, process parameters which are correlated to an emission rate through performance testing or AP-42 emission factors, or recorded finding of inspection and maintenance activities conducted by the owner or operator.
- Identify the frequency of conducting the monitoring. The monitoring frequencies should be consistent with the minimum monitoring frequency found in the applicable PM guidance document. For example, control device parameters may be monitored once per week.
- If applicable, identify the period over which discrete data points will be averaged.

**Permit By Rule Supplemental Table (Page 1)**  
**Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

Unit ID No.	Registration No.	PBR No.	Registration Date
27PB3	167705	106.433	3/2/2022
27PB4	167705	106.433	3/2/2022
27OVEN3	167705	106.183	3/2/2022
27OVEN4	167705	106.183	3/2/2022



**Permit By Rule Supplemental Table (Page 2)**  
**Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

Unit ID No.	PBR No.	Version No./Date
Hand Operated Drills, Grinders, CNC, Mills, Sanders Etc.	106.265	11/1/2003
Hand Brazing & Soldering Equipment	106.227	9/4/2000
Dry Abrasive Blasting: Aluminum Oxide	106.452	9/4/2000
Dry Abrasive Blasting: Garnet	106.452	9/4/2000
Dry Abrasive Blasting: Steel Shot	106.452	9/4/2000
Dry Abrasive Blasting: Soda	106.452	9/4/2000
Dry Abrasive Blasting: Dry Ice	106.452	9/4/2000
CD B2-1	106.454	11/1/2001
CD B27-1	106.454	11/1/2001
CD B5-1	106.454	11/1/2001

**Permit By Rule Supplemental Table (Page 3)**  
**Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

PBR No.	Version No./Date
SE5	5/5/1976
SE7	4/4/1975
SE7	1/8/1980
SE7	11/25/1985
SE7	11/5/1986
SE8	4/4/1975
SE8	1/8/1980
SE8	9/23/1982
SE8	8/30/1988
SE15	9/17/1973

**Permit By Rule Supplemental Table (Page 4)**  
**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
Hand Operated Drills, Grinders, CNC, Mills, Sanders Etc.	106.265	11/1/2003	30 TAC 106.4/106.8; monitored for opacity quarterly
Hand Brazing & Soldering Equipment	106.227	9/4/2000	30 TAC 106.4/106.8; monitored for opacity quarterly
Dry Abrasive Blasting: Aluminum Oxide	106.452	9/4/2000	30 TAC 106.4/106.8; monitored for Opacity Quarterly
Dry Abrasive Blasting: Garnet	106.452	9/4/2000	30 TAC 106.4/106.8; monitored for Opacity Quarterly
Dry Abrasive Blasting: Steel Shot	106.452	9/4/2000	30 TAC 106.4/106.8; monitored for Opacity Quarterly
Dry Abrasive Blasting: Soda	106.452	9/4/2000	30 TAC 106.4/106.8; monitored for Opacity Quarterly
Dry Abrasive Blasting: Dry Ice	106.452	9/4/2000	30 TAC 106.4/106.8; monitored for Opacity Quarterly
CD B2-1	106.454	11/1/2001	30 TAC 106.4/106.8; . quarterly inspection per Title V requirements; meets 106.454 operating requirements
CD B27-1	106.454	11/1/2001	30 TAC 106.4/106.8; . quarterly inspection per Title V requirements; meets 106.454 operating requirements
CD B5-1	106.454	11/1/2001	30 TAC 106.4/106.8; . quarterly inspection per Title V requirements; meets 106.454 operating requirements

This is an addendum to Page 88 of OP-REQ1 - There are not any duplicates on this page only additional PBR's

**Form OP-REQ1: Page 88**

**XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)**

**◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area**

*A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.*

PBR No.:	106.392	Version No./Date:	9/4/2000
PBR No.:	106.432	Version No./Date:	9/4/2000
PBR No.:	106.102	Version No./Date:	9/4/2000
PBR No.:	106.372	Version No./Date:	9/4/2000
PBR No.:	106.122	Version No./Date:	9/4/2000
PBR No.:	106.412	Version No./Date:	9/4/2000
PBR No.:	106.316	Version No./Date:	9/4/2000
PBR No.:	106.317	Version No./Date:	9/4/2000
PBR No.:	106.471	Version No./Date:	9/4/2000
PBR No.:	106.373	Version No./Date:	9/4/2000
PBR No.:	SE5	Version No./Date:	5/5/1976
PBR No.:	SE7	Version No./Date:	4/4/1975
PBR No.:	SE7	Version No./Date:	1/8/1980
PBR No.:	SE7	Version No./Date:	11/25/1985
PBR No.:	SE7	Version No./Date:	11/5/1986
PBR No.:	SE8	Version No./Date:	4/4/1975
PBR No.:	SE8	Version No./Date:	1/8/1980
PBR No.:	SE8	Version No./Date:	9/23/1982
PBR No.:	SE8	Version No./Date:	8/30/1988
PBR No.:	SE15	Version No./Date:	9/17/1973
PBR No.:	SE34	Version No./Date:	3/15/1985
PBR No.:	SE58	Version No./Date:	9/23/1982
PBR No.:	SE60	Version No./Date:	5/8/1972
PBR No.:	SE61	Version No./Date:	3/15/1985
PBR No.:	SE69	Version No./Date:	9/17/1973
PBR No.:	SE69	Version No./Date:	5/5/1976
PBR No.:	SE89	Version No./Date:	4/4/1975
PBR No.:	SE89	Version No./Date:	9/23/1982
PBR No.:	SE101	Version No./Date:	3/15/1985
PBR No.:	SE101	Version No./Date:	9/12/1989
PBR No.:	SE106	Version No./Date:	8/30/1988
PBR No.:	SE106	Version No./Date:	4/5/1995
PBR No.:	SE107	Version No./Date:	9/12/1989
PBR No.:	SE118	Version No./Date:	8/30/1988
PBR No.:	SE118	Version No./Date:	4/5/1995
PBR No.:	SE119	Version No./Date:	5/12/1981

OP-PBRSUP Additional PBR data for TABLE B

Permit By Rule Supplemental Table (Page 2)

Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area  
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
01/23/2025	01631	100222488

Unit ID No.	PBR No.	Version No./Date
14-BLR1	106.183	9/4/2000
25PNT1	106.433	9/4/2000
28-CLAVE-1	106.183	9/4/2000
2SPARCELL-BLRA	106.183	9/4/2000
2SPARCELL-BLR8	106.183	9/4/2000
2SPARCELL-BLRC	106.183	9/4/2000
2SPARCELL-BLRD	106.183	9/4/2000
2SPARCELL-BLRE	106.183	9/4/2000
30-AMU1	106.183	9/4/2000
30-AMU2	106.183	9/4/2000
30-AMU3	106.183	9/4/2000
30-TRCB-BLR1	106.183	9/4/2000
31	106.183	9/4/2000
32	106.183	9/4/2000
36-1	106.183	9/4/2000
36-1A	106.261/106.262	9/4/2000
36-2	106.183	9/4/2000
36-2A	106.261/106.262	9/4/2000
36-PNT1	106.183	9/4/2000
36-PNT2	106.183	9/4/2000
36-PNT3	106.183	9/4/2000
36-PNT4	106.183	9/4/2000
36-PNT5	106.183	9/4/2000
36-PNT6	106.183	9/4/2000
36AB	106.183	9/4/2000
36Q	106.183	9/4/2000
36R	106.183	9/4/2000
56-ABPRIME-AMU	106.183	9/4/2000
56-ABPRIME-PNT	106.183	9/4/2000
56-BLR1	106.183	9/4/2000
56-BLR2	106.183	9/4/2000
61EMERGG1	106.183	9/4/2000
61EMERGG2	106.183	9/4/2000
7235302	106.183	9/4/2000
7235302A	106.261	9/4/2000
99013	106.472	9/4/2000
99014	106.472	9/4/2000
99017	106.261/106.262	9/4/2000
99018	106.261/106.262	9/4/2000
99019	106.261/106.262	9/4/2000
B36PRSBRL1	106.183	9/4/2000
B36PRSBRL2	106.183	9/4/2000
BDG36CTB	106.371	9/4/2000
BDG36CTC	106.371	9/4/2000
BLD36VP1	106.261/106.262	9/4/2000
BLD36VP2	106.261/106.262	9/4/2000
BLD36VPF	106.261/106.262	9/4/2000
BLD36VPG	106.261/106.262	9/4/2000
BLDG1CTB	106.371	9/4/2000
BLDG2-CLAVEVP	106.261/106.262	9/4/2000
BLDG24CT	106.371	9/4/2000
BLDG26CT	106.371	9/4/2000
BLDG28-CLAVEVP	106.261/106.262	9/4/2000
BLDG2CTA	106.371	9/4/2000
BLDG30 CT1	106.371	9/4/2000
BLDG30-CLAVEVP	106.261/106.262	9/4/2000
BLDG36PRSBRL1	106.183	9/4/2000
BLDG36PRSBRL2	106.183	9/4/2000
PROB29PNT3	106.433	9/4/2000
PROB43-PNT	106.433	9/4/2000
PROPLT1FUG	106.183	9/4/2000
WWTANK1	106.532	9/4/2000
WWTANK2	106.532	9/4/2000
WWTANK3	106.532	9/4/2000
WWTANK4	106.532	9/4/2000
WWTANK4	106.532	9/4/2000

OP-PBR SUP Additional PBR data for TABLE C

Permit By Rule Supplemental Table (Page 3)  
**Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	0-1631	100222488

PBR No.	Version No./Date
SE34	3/15/1985
SE58	9/23/1982
SE60	5/8/1972
SE61	3/15/1985
SE69	9/17/1973
SE69	5/5/1976
SE89	4/4/1975
SE89	9/23/1982
SE101	3/15/1985
SE101	9/12/1989
SE106	8/30/1988
SE106	4/5/1995
SE107	9/12/1989
SE118	8/30/1988
SE118	4/5/1995
SE119	5/12/1981

**Permit By Rule Supplemental Table (Page 4)**  
**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
14-BLR1	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
25PNT1	106.433	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
28-CLAVE-1	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
2SPARCELL-BLRA	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
2SPARCELL-BLRB	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
2SPARCELL-BLRC	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
2SPARCELL-BLRD	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
2SPARCELL-BLRE	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
30-AMU1	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
30-AMU2	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
30-AMU3	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
30-TRCB-BLR1	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
31	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
32	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
36-1	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
36-1A	106.261/106.262	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
36-2	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
36-2A	106.261/106.262	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
36-PNT1	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
36-PNT2	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
36-PNT3	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
36-PNT4	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
36-PNT5	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.

36-PNT6	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
36AB	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
36Q	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
36R	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
56-ABPRIME-AMU	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
56-ABPRIME-PNT	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
56-BLR1	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
56-BLR2	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
61EMERGG1	106.511	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are registered per 40 CFR 63 ZZZZ & 40 CFR NSPS IIII; engines perform to EPA teir rating; monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 3 for gasoline & diesel industrial engines.
61EMERGG2	106.511	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are registered per 40 CFR 63 ZZZZ & 40 CFR NSPS IIII; engines perform to EPA teir rating; monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 3 for gasoline & diesel industrial engines.
7235302	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
7235302A	106.261	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
99013	106.472	9/4/2000	30 TAC 106.4/106.8; Monitored for opacity quarterly; breathing losses calculated using AP-42 chapter 7 organic liquids storage tanks.
99014	106.472	9/4/2000	30 TAC 106.4/106.8;
99017	106.261/106.262	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
99018	106.261/106.262	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
99019	106.261/106.262	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
B36PRSBLR1	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
B36PRSBLR2	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
BDG36CTB	106.371	9/4/2000	30 TAC 106.4/106.8; Non-contact cooling tower; condensible particulate calculated using AP-42 13.4. Monitored for Opacity Quarterly
BDG36CTC	106.371	9/4/2000	30 TAC 106.4/106.8; Non-contact cooling tower; condensible particulate calculated using AP-42 13.4. Monitored for Opacity Quarterly
BLD36VP1	106.261/106.262	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
BLD36VP2	106.261/106.262	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
BLD36VPF	106.261/106.262	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
BLD36VPG	106.261/106.262	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
BLDG1CTB	106.371	9/4/2000	30 TAC 106.4/106.8; Non-contact cooling tower; condensible particulate calculated using AP-42 13.4. Monitored for Opacity Quarterly



BLDG2-CLAVEVP	106.261/106.262	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
BLDG24CT	106.371	9/4/2000	30 TAC 106.4/106.8; Non-contact cooling tower; condensible particulate calculated using AP-42 13.4. Monitored for Opacity Quarterly
BLDG26CT	106.371	9/4/2000	30 TAC 106.4/106.8; Non-contact cooling tower; condensible particulate calculated using AP-42 13.4. Monitored for Opacity Quarterly
BLDG28-CLAVEVP	106.261/106.262	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
BLDG2CTA	106.371	9/4/2000	30 TAC 106.4/106.8; Non-contact cooling tower; condensible particulate calculated using AP-42 13.4. Monitored for Opacity Quarterly
BLDG30 CT1	106.371	9/4/2000	30 TAC 106.4/106.8; Non-contact cooling tower; condensible particulate calculated using AP-42 13.4. Monitored for Opacity Quarterly
BLDG30-CLAVEVP	106.261/106.262	9/4/2000	30 TAC 106.4/106.8; Emissions Calculated using AP-42 Chapter 1.4 for Exterior Combustion Sources. Monitored for opacity quarterly. Any other organic emissions are calculated using 106.261/262 E=L/K method for certification.
BLDG36PRSBRL1	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
BLDG36PRSBRL2	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
PROB29PNT3	106.433	9/4/2000	30 TAC 106.4/106.8; Meets Exemption in 106.433 for <.25 lb/hr of emissions. Process emissions are documented for inspector review in PBR records. Monitored for opacity quarterly.
PROB43-PNT	106.433	9/4/2000	30 TAC 106.4/106.8; Meets Exemption in 106.433 for <.25 lb/hr of emissions. Process emissions are documented for inspector review in PBR records. Monitored for opacity quarterly.
PROPLT1FUG	106.183	9/4/2000	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
WWTANK1	106.532	9/4/2000	30 TAC 106.4/106.8; Meets Exemption in 106.532 no organics in waste stream. Monitored for opacity quarterly.
WWTANK2	106.532	9/4/2000	30 TAC 106.4/106.8; Meets Exemption in 106.532 no organics in waste stream. Monitored for opacity quarterly.
WWTANK3	106.532	9/4/2000	30 TAC 106.4/106.8; Meets Exemption in 106.532 no organics in waste stream. Monitored for opacity quarterly.
WWTANK4	106.532	9/4/2000	30 TAC 106.4/106.8; Meets Exemption in 106.532 no organics in waste stream. Monitored for opacity quarterly.
27PB3	106.433	167705	30 TAC 106.4; 30 TAC 106.8; 30 TAC 106.433; 40 CFR 63 Emissions are monitored & recorded based on the certified emission rates in authorization 167705. Filtration meets or exceeds and is monitored according to 40 CFR 63 GG. Records and process are monitored on Title V bi-annual and annual schedule; monitored for opacity quarterly.
27PB4	106.433	167705	30 TAC 106.4; 30 TAC 106.8; 30 TAC 106.433; 40 CFR 63 Emissions are monitored & recorded based on the certified emission rates in authorization 167705. Filtration meets or exceeds and is monitored according to 40 CFR 63 GG. Records and process are monitored on Title V bi-annual and annual schedule; monitored for opacity quarterly.
27OVEN3	106.183	167705	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.
27OVEN4	106.183	167705	30 TAC 106.4; 30 TAC 106.8; Units are tuned up based on GAS 1 schedule & firing rate in 40 CFR 63 DDDDD; Monitored for opacity quarterly. Emissions Calculated using AP-42 Chapter 1.4 for External Combustion Sources.

**From:** Primavera Trevino  
**Sent:** Wednesday, February 5, 2025 3:53 PM  
**To:** Sutton, Samuel  
**Subject:** RE: Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Good afternoon,

On the Excel sheet for OP-PBRSUP Table B Supplemental Table, emission units WWTANK1, WWTANK2, WWTANK3, and WWTANK4 have a version number of 36773. It should be the version date of the PBR 106.532 included, which is 09/04/2000.

Please submit a revised version for the version date of the emission units mentioned above for OP-PBRSUP Table B.

Please respond to this email, along with the previous one, by **02/11/2025** and contact me if you have any questions.

Thank you,  
Primavera Treviño  
(512) 239-6209

---

**From:** Sutton, Samuel <ssutton@bellflight.com>  
**Sent:** Tuesday, February 4, 2025 12:50 PM  
**To:** Primavera Trevino <Primavera.Trevino@tceq.texas.gov>  
**Cc:** Rhyan Stone <Rhyan.Stone@tceq.texas.gov>  
**Subject:** RE: Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Hi Maria,

I'll start updating these items. I will let you know if I need any additional information or time.

Regards,

**SAM SUTTON**

Sr. EHS Specialist | Bell  
Principal Environmental Engineer  
Office: +1-817-280-1254  
Mobile: +1-469-724-7523  
[ssutton@bellflight.com](mailto:ssutton@bellflight.com)  
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**From:** Primavera Trevino <[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)>  
**Sent:** Tuesday, February 4, 2025 11:35 AM  
**To:** Sutton, Samuel <[ssutton@bellflight.com](mailto:ssutton@bellflight.com)>  
**Cc:** Rhyan Stone <[Rhyan.Stone@tceq.texas.gov](mailto:Rhyan.Stone@tceq.texas.gov)>  
**Subject:** Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Mr. Sutton,

There are a few items that need to be revised.

- Form OP-UA16 (page 1) currently has the Unit ID No. as CDB2-1. The group name GRPCLDDGR will need to be entered as the Unit ID No. and not the individual unit, as it is part of a group. Please submit a revised OP-UA16 (page 1) with the correct Unit ID No.
- On the first page of Form OP-REQ1 (page 88), PBR No. 106.183 has the incorrect version date. Please resubmit page 88 of Form OP-REQ1 with the correct version date.
- On Form OP-PBRSUP, Table D should include the monitoring, recordkeeping, or reporting that is used to demonstrate compliance with the associated PBR for every entry that is included on either Tables A or B. Table D that was included in the updated OP-PBRSUP did not include the emission units that were included in Table A. Please resubmit Table D with all emission units from Tables A and B, as well as the necessary information listed below.
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  - The monitoring and testing requirements must be specific and include a monitoring frequency to ensure compliance with the requirements and emission limits for each PBR. For example, “Quarterly Inspection” is not sufficient because it doesn’t specify what is being inspected.

Please respond to this email by **02/11/2025**. If you have any questions on these items or if you would like to set up another meeting to discuss these requirements further, please let me know, thank you.

***Primavera Treviño***

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)

Phone: (512) 239-6209



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**From:** Sutton, Samuel <ssutton@bellflight.com>  
**Sent:** Tuesday, February 4, 2025 12:50 PM  
**To:** Primavera Trevino  
**Cc:** Rhyan Stone  
**Subject:** RE: Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Hi Maria,

I'll start updating these items. I will let you know if I need any additional information or time.

Regards,

**SAM SUTTON**

Sr. EHS Specialist | Bell  
Principal Environmental Engineer  
Office: +1-817-280-1254  
Mobile: +1-469-724-7523  
[ssutton@bellflight.com](mailto:ssutton@bellflight.com)  
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Please respond to this email by **02/11/2025**. If you have any questions on these items or if you would like to set up another meeting to discuss these requirements further, please let me know, thank you.

***Primavera Treviño***

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)

Phone: (512) 239-6209



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**From:** Primavera Trevino  
**Sent:** Tuesday, February 4, 2025 11:35 AM  
**To:** Sutton, Samuel  
**Cc:** Rhyan Stone  
**Subject:** Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

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***Primavera Treviño***

Environmental Permit Specialist

Operating Permits Section

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[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)

Phone: (512) 239-6209



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Permit By Rule Supplemental Table (Page 3)  
 Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area  
 Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
01/23/2025	0-1631	100222488

PBR No.	Version No./Date
SE34	3/15/1985
SE58	9/23/1982
SE60	5/8/1972
SE61	3/15/1985
SE69	9/17/1973
SE69	5/5/1976
SE89	4/4/1975
SE89	9/23/1982
SE101	3/15/1985
SE101	9/12/1989
SE106	8/30/1988
SE106	4/5/1995
SE107	9/12/1989
SE118	8/30/1988
SE118	4/5/1995
SE119	5/12/1981

**Permit By Rule Supplemental Table (Page 4)**  
**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
14-BLR1	106.183	9/4/2000	None
25PNT1	106.433	9/4/2000	None
28-CLAVE-1	106.183	9/4/2000	None
2SPARCELL-BLRA	106.183	9/4/2000	None
2SPARCELL-BLRB	106.183	9/4/2000	None
2SPARCELL-BLRC	106.183	9/4/2000	None
2SPARCELL-BLRD	106.183	9/4/2000	None
2SPARCELL-BLRE	106.183	9/4/2000	None
30-AMU1	106.183	9/4/2000	None
30-AMU2	106.183	9/4/2000	None
30-AMU3	106.183	9/4/2000	None
30-TRCB-BLR1	106.183	9/4/2000	None
31	106.183	9/4/2000	None
32	106.183	9/4/2000	None
36-1	106.183	9/4/2000	None
36-1A	106.261/106.262	9/4/2000	None
36-2	106.183	9/4/2000	None
36-2A	106.261/106.262	9/4/2000	None
36-PNT1	106.183	9/4/2000	None
36-PNT2	106.183	9/4/2000	None
36-PNT3	106.183	9/4/2000	None
36-PNT4	106.183	9/4/2000	None
36-PNT5	106.183	9/4/2000	None
36-PNT6	106.183	9/4/2000	None
36AB	106.183	9/4/2000	None
36Q	106.183	9/4/2000	None
36R	106.183	9/4/2000	None
56-ABPRIME-AMU	106.183	9/4/2000	None
56-ABPRIME-PNT	106.183	9/4/2000	None
56-BLR1	106.183	9/4/2000	None
56-BLR2	106.183	9/4/2000	None
61EMERGG1	106.183	9/4/2000	None
61EMERGG2	106.183	9/4/2000	None
7235302	106.183	9/4/2000	None
7235302A	106.261	9/4/2000	None
99013	106.472	9/4/2000	None
99014	106.472	9/4/2000	None
99017	106.261/106.262	9/4/2000	None
99018	106.261/106.262	9/4/2000	None

99019	106.261/106.262	9/4/2000	None
B36PRSBRL1	106.183	9/4/2000	None
B36PRSBRL2	106.183	9/4/2000	None
BDG36CTB	106.371	9/4/2000	None
BDG36CTC	106.371	9/4/2000	None
BLD36VP1	106.261/106.262	9/4/2000	None
BLD36VP2	106.261/106.262	9/4/2000	None
BLD36VPF	106.261/106.262	9/4/2000	None
BLD36VPG	106.261/106.262	9/4/2000	None
BLDG1CTB	106.371	9/4/2000	None
BLDG2-CLAVEVP	106.261/106.262	9/4/2000	None
BLDG24CT	106.371	9/4/2000	None
BLDG26CT	106.371	9/4/2000	None
BLDG28-CLAVEVP	106.261/106.262	9/4/2000	None
BLDG2CTA	106.371	9/4/2000	None
BLDG30 CT1	106.371	9/4/2000	None
BLDG30-CLAVEVP	106.261/106.262	9/4/2000	None
BLDG36PRSBRL1	106.183	9/4/2000	None
BLDG36PRSBRL2	106.183	9/4/2000	None
PROB29PNT3	106.433	9/4/2000	None
PROB43-PNT	106.433	9/4/2000	None
PROPLT1FUG	106.183	9/4/2000	None
WWTANK1	106.532	9/4/2000	None
WWTANK2	106.532	9/4/2000	None
WWTANK3	106.532	9/4/2000	None
WWTANK4	106.532	9/4/2000	None
WWTANK4	106.532	9/4/2000	None

Permit By Rule Supplemental Table (Page 2)  
Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area  
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
01/23/2025	01631	100222488

Unit ID No.	PBR No.	Version No./Date
14-BLR1	106.183	9/4/2000
25PNT1	106.433	9/4/2000
28-CLAVE-1	106.183	9/4/2000
2SPARCELL-BLRA	106.183	9/4/2000
2SPARCELL-BLRB	106.183	9/4/2000
2SPARCELL-BLRC	106.183	9/4/2000
2SPARCELL-BLRD	106.183	9/4/2000
2SPARCELL-BLRE	106.183	9/4/2000
30-AMU1	106.183	9/4/2000
30-AMU2	106.183	9/4/2000
30-AMU3	106.183	9/4/2000
30-TRCB-BLR1	106.183	9/4/2000
31	106.183	9/4/2000
32	106.183	9/4/2000
36-1	106.183	9/4/2000
36-1A	106.261/106.262	9/4/2000
36-2	106.183	9/4/2000
36-2A	106.261/106.262	9/4/2000
36-PNT1	106.183	9/4/2000
36-PNT2	106.183	9/4/2000
36-PNT3	106.183	9/4/2000
36-PNT4	106.183	9/4/2000
36-PNT5	106.183	9/4/2000
36-PNT6	106.183	9/4/2000
36AB	106.183	9/4/2000
36Q	106.183	9/4/2000
36R	106.183	9/4/2000
56-ABPRIME-AMU	106.183	9/4/2000
56-ABPRIME-PNT	106.183	9/4/2000
56-BLR1	106.183	9/4/2000
56-BLR2	106.183	9/4/2000
61EMERGG1	106.183	9/4/2000
61EMERGG2	106.183	9/4/2000
7235302	106.183	9/4/2000
7235302A	106.261	9/4/2000
99013	106.472	9/4/2000
99014	106.472	9/4/2000
99017	106.261/106.262	9/4/2000
99018	106.261/106.262	9/4/2000
99019	106.261/106.262	9/4/2000
B36PRSBRL1	106.183	9/4/2000
B36PRSBRL2	106.183	9/4/2000
BDG36CTB	106.371	9/4/2000
BDG36CTC	106.371	9/4/2000
BLD36VP1	106.261/106.262	9/4/2000
BLD36VP2	106.261/106.262	9/4/2000
BLD36VPF	106.261/106.262	9/4/2000
BLD36VPG	106.261/106.262	9/4/2000
BLDG1CTB	106.371	9/4/2000
BLDG2-CLAVEVP	106.261/106.262	9/4/2000
BLDG24CT	106.371	9/4/2000
BLDG26CT	106.371	9/4/2000
BLDG28-CLAVEVP	106.261/106.262	9/4/2000
BLDG2CTA	106.371	9/4/2000
BLDG30 CT1	106.371	9/4/2000
BLDG30-CLAVEVP	106.261/106.262	9/4/2000
BLDG36PRSBRL1	106.183	9/4/2000
BLDG36PRSBRL2	106.183	9/4/2000
PROB29PNT3	106.433	9/4/2000
PROB43-PNT	106.433	9/4/2000
PROPLT1FUG	106.183	9/4/2000
VWTANK1	106.532	36773
VWTANK2	106.532	36773
VWTANK3	106.532	36773
VWTANK4	106.532	36773
VWTANK4	106.532	36773

This is an addendum to Page 88 of OP-REQ1 - There are not any duplicates on this page only additional PBR's

**Form OP-REQ1: Page 88**

**XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)**

**◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area**

*A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.*

PBR No.:	106.392	Version No./Date:	9/4/2000
PBR No.:	106.432	Version No./Date:	9/4/2000
PBR No.:	106.102	Version No./Date:	9/4/2000
PBR No.:	106.372	Version No./Date:	9/4/2000
PBR No.:	106.122	Version No./Date:	9/4/2000
PBR No.:	106.412	Version No./Date:	9/4/2000
PBR No.:	106.316	Version No./Date:	9/4/2000
PBR No.:	106.317	Version No./Date:	9/4/2000
PBR No.:	106.471	Version No./Date:	9/4/2000
PBR No.:	106.373	Version No./Date:	9/4/2000
PBR No.:	SE5	Version No./Date:	5/5/1976
PBR No.:	SE7	Version No./Date:	4/4/1975
PBR No.:	SE7	Version No./Date:	1/8/1980
PBR No.:	SE7	Version No./Date:	11/25/1985
PBR No.:	SE7	Version No./Date:	11/5/1986
PBR No.:	SE8	Version No./Date:	4/4/1975
PBR No.:	SE8	Version No./Date:	1/8/1980
PBR No.:	SE8	Version No./Date:	9/23/1982
PBR No.:	SE8	Version No./Date:	8/30/1988
PBR No.:	SE15	Version No./Date:	9/17/1973
PBR No.:	SE34	Version No./Date:	3/15/1985
PBR No.:	SE58	Version No./Date:	9/23/1982
PBR No.:	SE60	Version No./Date:	5/8/1972
PBR No.:	SE61	Version No./Date:	3/15/1985
PBR No.:	SE69	Version No./Date:	9/17/1973
PBR No.:	SE69	Version No./Date:	5/5/1976
PBR No.:	SE89	Version No./Date:	4/4/1975
PBR No.:	SE89	Version No./Date:	9/23/1982
PBR No.:	SE101	Version No./Date:	3/15/1985
PBR No.:	SE101	Version No./Date:	9/12/1989
PBR No.:	SE106	Version No./Date:	8/30/1988
PBR No.:	SE106	Version No./Date:	4/5/1995
PBR No.:	SE107	Version No./Date:	9/12/1989
PBR No.:	SE118	Version No./Date:	8/30/1988
PBR No.:	SE118	Version No./Date:	4/5/1995
PBR No.:	SE119	Version No./Date:	5/12/1981

**From:** Sutton, Samuel <ssutton@bellflight.com>  
**Sent:** Monday, January 20, 2025 10:17 AM  
**To:** Primavera Trevino  
**Subject:** RE: Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1  
**Attachments:** OP-REQ1 Pg 88 - Updated for Submittal.pdf; OP-UA16 Updated.docx; OP-REQ2 Updated.docx; OP-SUMR Updated.docx; OP-UA2 Updated.docx; OP-UA6 Updated.docx; OP-PBRSUP Updated.docx; OP-2 Updated.docx; OP-REQ1 & OP-PBRSUP Supplemental Tables.xlsx  
**Importance:** High  
**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Hi Primavera,

Please see the requested forms attached and my responses to your questions below in red. I also included an updated OP-2 and OP-SUMR to include several units that need to be removed from the Title V permit as they are no longer on site. I have made the note below if a unit was called out to be included on an OP-UA form but was subsequently marked as "D" deleted on the OP-SUMR.

I also updated the OP-REQ1 pg. 88 and OP-PBRSUP to represent some of these older unit authorizations being removed from the permit.

I have also included an extended OP-REQ1 PG88 and OP-PBRSUP in EXCEL format. The various tables are in tabs along the bottom to allow for extra room on PG88 of OP-REQ1 and each table on the OP-PBRSUP.

Thank you and let me know if you need any thing else.

Regards,

**SAM SUTTON**

Sr. EHS Specialist | Bell  
Principal Environmental Engineer  
Office: +1-817-280-1254  
Mobile: +1-469-724-7523  
[ssutton@bellflight.com](mailto:ssutton@bellflight.com)  
Follow Us @bellflight



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**From:** Primavera Trevino <Primavera.Trevino@tceq.texas.gov>

**Sent:** Wednesday, December 18, 2024 4:55 PM

**To:** Sutton, Samuel <ssutton@bellflight.com>

**Subject:** Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Mr. Sutton,

Here are the deficiencies found in the application. There are some deficiencies that will need clarification while others require forms to be submitted and/or revised.

- For the deficiencies needing clarification, regarding the OP-PBRSUP Form:
  - For emission units 27OVEN3 and 27OVEN4 the PBR listed is 106.433. In the database, we have the associated PBR as 106.183. Please clarify if both PBR 106.183 and 106.433 are applicable to these emission units
    - You are correct the proper PBR is the one listed in the database, 106.183. I updated Table A of the OP-PBRSUP to reflect this.
  - Several entries on the OP-PBRSUP list what appears to be a group of units. For example, on Table B, there is an entry for “Boilers and Process Heaters”. Each individual unit should be listed instead. For PBR 106.265 specifically, please list each type of unit authorized by the PBR.
    - Please see the attached Excel sheet for all lists of units that do not fit on the OP-PBRSUP form
  - Table D should include the monitoring, recordkeeping, or reporting that is used to demonstrate compliance with the associated PBR for every entry that is included on either Tables A or B.
    - Please see attached OP-PBRSUP & Excel Sheet
  - The OP-PBRSUP should reflect all active registered and claimed PBRs at the site.
    - Please see attached OP-PBRSUP & Excel Sheet
- In the revised page 88 of the OP-REQ1 there are duplicates of PBR 106.454 and 106.432, each with the same version dates. In the previous effective permit, there are multiple PBRs listed that are not included in the current page 88 of the OP-REQ1 (attachment will be included). Please verify that the PBRs listed in the revised OP-REQ1 page 88 are the only ones that are active at the site.
  - Newly Revised OP-REQ1 PG 88 Attached – Duplicates removed and PBR's updated. Also see the attached Excel sheet.
- Please submit a revised page 88 of the OP-REQ1 without the PBR duplicates and with all PBRs that are active at the site. If the older PBRs are no longer active, then an updated OP-SUMR will be required to identify the current PBRs for each emission unit at the site. The current effective permit lists older PBRs as the NSR authorization in the New Source Review Authorization References by Emissions Unit Table for several units. If there are

PBRs/Standard Exemptions that are in the previous effective permit but not listed in this application and they are still active they will need to be added to the OP-PBRSUP.

- Emission unit CDB2-1, part of GRPCLDDGR, was missing an answer for question “Solvent Heated” in unit attribute form OP-UA16 page 1. Please verify that “No” is the correct response for question “Solvent Heated” and submit a revised OP-UA16 page 1 with the correct response as well. This emission unit is under Index No. R5412-1 and 30 TAC Chapter 115, Degreasing Processes. The instructions and question for “Solvent Heated” on OP-UA16 can be found here: [TCEQ - Solvent Degreasing Machine Attributes Form OP-UA16 Federal Operating Permit Program](#).

- Please see attached updated OP-UA16 form

- Emission units 61EMERGG1 and 61EMERGG2 were missing an answer on form OP-UA2 page 12 for question “AECD”. Please verify that “No” is the correct response and submit a revised OP-UA2 page 12 with the correct response as well. These emission units are under Index No. 60III-61-EG1 and 40 CFR Part 60, Subpart III. The instructions and question for “AECD” can be found here: [TCEQ Form 10003 - OP-UA2 Instructions Stationary Reciprocating Internal Combustion Engine Attributes](#).

- Please see attached updated OP-UA2 form

- Emission unit **26EMERGG1** was also missing an answer for “AECD” in OP-UA2 Form page 12. Please verify “No” is the correct response to question “AECD” and submit a revised OP-UA2 page 12 with the correct response as well. This emission unit is under Index No. 60III-26-EG1 and 40 CFR Part 60, Subpart III. The instructions and question for “AECD” can be found at the previous link listed above.

– The above unit in red has been removed from the site and as such has been included as a deleted unit on the updated OP-SUMR and OP-2.

- Please submit Form OP-UA6 for all units that have Index No. 63DDDDDD-1 under regulation 40 CFR Part 63, Subpart DDDDD. This includes emission units 29, 31, 32, **45, 46, 51, 52, 53**, 56-BLR1, 56-BLR2, 14-BLR1, **1-BLR1, 1-BLR2, 1-BLR3, 1-BLR4**, 36Q, 36R, 30-TRCB-BLR1, 2SPARCELL-BLRA, 2SPARCELL-BLRB, 2SPARCELL-BLRC, 2SPARCELL-BLRD, BLDG36PRSBLR1, and BLDG36PRSBLR2.

– The above units in red have been removed from the site and as such were included as deleted units on the updated OP-SUMR and OP-2.

- Please see attached updated OP-UA6 form

- A few cooling tower units will need an OP-REQ2 form submitted for negative applicability to 40 CFR Part 63, Subpart Q. These emission units include **99021**, BDG26BCT, BLDG24CT, and BLDG29CT. By adding these permit shields to OP-REQ2



they will appear in the permit shield table similar to other cooling towers that are currently in the permit.

- Please see attached updated OP-REQ2 form & OP-SUMR. Note that 99021 is not a cooling tower:

99021	VEHICLE FUEL FARM DISPENSING FACILITY	
-------	---------------------------------------	--

I did not include this item. If there was an additional unit of concern, please let me know.

Please submit any updates via email. I will review the updates before I ask for the OP-CRO1 certification. We can grant an extension for the OP-PBRSUP update if needed.

**Please respond to this email by 1/24/2025 and contact me if you have any questions.**

Thank you,  
***Primavera Treviño***

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)

Phone: (512) 239-6209



How are we doing? Fill out our online customer satisfaction survey at [www.tceq.texas.gov/customersurvey](http://www.tceq.texas.gov/customersurvey)

**Form OP-UA6 - Instructions**  
**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Texas Commission on Environmental Quality**

**General:**

This form is used to provide a description and data pertaining to all combustion equipment used to produce steam including, but not limited to, boilers, steam generators, and steam generating units with potentially applicable requirements associated with a particular regulated entity number and application. Some data items must be completed for all boilers, steam generators, and steam generating units. Other items are only required to be completed for boilers, steam generators, and steam generating units meeting the specific criteria shown in the instructions below.

For each steam generating unit which is potentially applicable to a subpart of the D-Series, the applicant need only complete the table to which they are potentially subject. The other D-series tables need not be submitted; however, notes are included in the instructions which may give direction to other tables applicable to the unit if certain codes or instructions are given. The notes can be used as a road map to follow in deciding which tables must be filled out and which ones should be omitted.

Each table number, along with the possibility of a corresponding letter (i.e., Table 1a, Table 1b), corresponds to a certain state or federal rule. If the rule on the table is not potentially applicable to a combustion unit, then it should be left blank and need not be submitted with the application. The following boilers, steam generators, and steam generating units are considered off-permit sources and do not need to be listed:

- A. In counties affected by Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), boilers and water heaters that do not fire liquid or solid fuel and have a maximum rated capacity less than 1.0 MMBtu/hr, unless the unit is placed in service after June 9, 1993, as a functionally identical replacement for existing units subject to the provisions 30 TAC Chapter 117, Subchapter B.
- B. In counties not affected by 30 TAC Chapter 117, boilers, and water heaters with a heat input capacity less than 10 MMBtu/hr and do not fire liquid or solid fuel.

If the codes entered by the applicant show negative applicability to the rule or sections of the rule represented on the table, then the applicant need not complete the remainder of the table(s) that correspond to the rule. Further instruction as to which questions should be answered and which questions should not be answered are located in the "Specific" section of the instruction text. The following is included in this form:

<b><u>Table 1a - 1b:</u></b>	<b>Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart D: Standards of Performance for Fossil Fuel-Fired Steam Generators</b>
<b><u>Table 2a - 2c:</u></b>	<b>Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Da: Standards of Performance for Electric Utility Steam Generating Units</b>
<b><u>Table 3a - 3e:</u></b>	<b>Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units</b>
<b><u>Table 4a - 4b:</u></b>	<b>Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Dc: Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units</b>
<b><u>Table 5a - 5c:</u></b>	<b>Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas</b>

<a href="#"><u>Table 6a - 6b:</u></a>	Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter C: Combustion Control at Major Utility Electric Generation Sources in Ozone Nonattainment Areas
<a href="#"><u>Table 7:</u></a>	Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 112), Subchapters A–D: Control of Air Pollution from Sulfur Compounds
<a href="#"><u>Table 8a - 8c:</u></a>	Title 30 Texas Administrative Code Chapter 113 (30 TAC Chapter 113), Subchapter D: Hospital/Medical Infectious Waste Incinerators
<a href="#"><u>Table 9a - 9b:</u></a>	Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter E: Division 1: Utility Electric Generation in East and Central Texas
<a href="#"><u>Table 10a - 10b:</u></a>	Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart EEE: Hazardous Waste Combustors
<a href="#"><u>Table 11:</u></a>	Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111), Subchapter A: Division 2: Incineration
<a href="#"><u>Table 12:</u></a>	Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111), Subchapter A: Division 5: Emission Limits on Nonagricultural Sources
<a href="#"><u>Table 13a - 13i:</u></a>	Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal-and Oil-Fired Electric Utility Steam Generating Units
<a href="#"><u>Table 14a - 14g:</u></a>	Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDDD: Industrial, Commercial, and Institutional Boilers
<a href="#"><u>Table 15a – 15b:</u></a>	Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart TTTT: Standards of Performance for Greenhouse Gas Emissions for Electric Utility Generating Units

*Note: Form OP-UA15 (Emission Point/Stationary Vent, Distillation Vent/VOC Process Vent Attributes) Emission Points, Table 1: Title 30 TAC Chapter 111 must also be completed for all combustion units operated to generate steam.*

The Texas Commission on Environmental Quality (TCEQ) Regulated Entity Number (RNXXXXXXXXXX) and the application area name from Form OP-1 (Site Information Summary) must appear in the header of each page for the purpose of identification for the initial submittal. The date of the initial form submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). **Leave the permit number blank for the initial form submittal.** If this form is included as part of the permit revision process, enter the permit number assigned by the TCEQ, the area name (from Form OP-1), the date of the revision submittal, and the regulated entity number.

Unit attribute questions that do not require a response from all applicants are preceded by qualification criteria in the instructions. If the unit does not meet the qualification criteria, a response to the question is not required. **Anytime a response is not required based on the qualification criteria, leave the space on the form blank.**

**Notwithstanding any qualification criteria in the form instructions or information provided in other TCEQ guidance, the applicant may leave an attribute question blank (or indicate “N/A” for “Not Applicable”) if the attribute is not needed for the applicable requirement determinations of a regulation for a unit.**

In some situations, the applicant has the option of selecting alternate requirements, limitations, and/or practices for a unit. Note that these alternate requirements, limitations, and/or practices must have the required approval from the TCEQ Executive Director and/or the U.S. Environmental Protection Agency (EPA) Administrator before the federal operating permit application is submitted.

The Texas Commission on Environmental Quality (TCEQ) requires that a Core Data Form be submitted on all incoming registrations unless all of the following are met: The Regulated Entity and Customer Reference Numbers have been issued by the TCEQ and no core data information has changed. The Central Registry, a common record area of the TCEQ, maintains information about TCEQ customers and regulated activities, such as company names, addresses, and telephone numbers. This information is commonly referred to as “core data.” The Central Registry provides the regulated community with a central access point within the agency to check core data and make changes when necessary. When core data about a facility is moved to the Central Registry, two new identification numbers are assigned: The Customer Reference (CN) number and the Regulated Entity (RN) number. The Core Data Form is required if facility records are not yet part of the Central Registry or if core data for a facility has changed. If this is the initial registration, permit, or license for a facility site, then the Core Data Form must be completed and submitted with application or registration forms. If amending, modifying, or otherwise updating an existing record for a facility site, the Core Data Form is not required, unless any core data information has changed. To review additional information regarding the Central Registry, go to the TCEQ website at [www.tceq.texas.gov/permitting/central\\_registry/index.html](http://www.tceq.texas.gov/permitting/central_registry/index.html).

**Specific:**

**Table 1a:** Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart D: Standards of Performance for Fossil Fuel-Fired Steam Generators

★ **Complete for site operating permit (SOP) applications only.**

*Note: Per TCEQ Rule Interpretation Number 60D.004, steam generating units greater than 73 MW (250 MMBtu/hr) and constructed after June 19, 1986, are not subject to 40 CFR Part 60, Subpart D. Therefore, Tables 1a - 1b should not be completed for these units. However, these units are potentially subject to 40 CFR Part 60, Subpart Db. Tables 3a - 3d should be completed as necessary.*

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Construction/Modification Date:**

Select one of the following options that describe the date of commencement of the most recent construction, modification, or reconstruction. Enter the code on the form.

Code	Description
71-	On or before August 17, 1971
71-76	After August 17, 1971, and on or before December 22, 1976
76-78	After December 22, 1976, and on or before September 18, 1978
78+	After September 18, 1978

▼ **Continue only if “Construction/Modification Date” is “71-76,” “76-78,” or “78+.”**

**Covered Under Subpart Da or KKKK:**

Enter "YES" if the steam generating unit is covered under 40 CFR Part 60, Subpart Da or 40 CFR Part 60, Subpart KKKK. Otherwise, enter "NO."

- ▼ **Continue only if "Covered Under Subpart Da or KKKK" is "NO." If "Covered under Subpart Da or KKKK" is "YES," complete Table 2a of this unit attribute form or Table 6a of Form OP-UA11, as applicable.**

**Changes to Existing Affected Facility:**

Enter "YES" if a change has been made to the existing fossil fuel-fired steam generating unit, which was not previously subject to Subpart D, to accommodate the use of combustible materials other than fossil fuels. Otherwise, enter "NO."

- ▼ **Continue only if "Changes to Existing Affected Facility" is "NO."**

**Heat Input Rate:**

Select one of the following options for the heat input rate. Enter the code on the form.

Code	Description
250-	Heat Input Rate is less than or equal to 250 MMBtu/hr (73 MW)
250+	Heat Input Rate is greater than 250 MMBtu/hr (73 MW)

- ★ **Complete Table 3a if "Construction/Modification Date" is "78+" and "Heat Input Rate" is "250-."**

- ▼ **Continue only if "Heat Input Rate" is "250+."**

**Alternate 42C:**

Enter "YES" if the facility is meeting § 60.42Da(a) [per § 60.42(c)] as an alternate to meeting the requirements of § 60.42(a) for PM. Otherwise, enter "NO."

**PM CEMS:**

Enter "YES" if the facility uses a CEMS to measure PM. Otherwise, enter "NO."

- ★ **Complete "Opacity Monitoring" only if "PM CEMS" is "NO."**

**Opacity Monitoring:**

Select one of the following options for complying with the opacity monitoring requirement. Enter the code on the form.

<b>Code</b>	<b>Description</b>
COMS	Continuous opacity monitoring system for measuring the opacity of emissions
BLDS	Bag leak detection system to monitor performance of a fabric filter (baghouse) according to requirements in § 60.48Da
ESPMOD	Electrostatic precipitator (ESP) predictive model to monitor performance of an ESP according to requirements in § 60.48Da
PMCPMS	Continuous parametric monitoring system for PM operated according to requirements in 40 CFR Part 63, Subpart UUUUU
OTHER	Facility meets exemption from COMS in § 60.45(b)(1) or (b)(6)
NONE	Opacity limit is not applicable

**Gas/Liquid Fuel:**

Enter “YES” if the facility burns only gaseous or liquid fossil fuel (excluding residual oil) with potential SO<sub>2</sub> emissions rates of 0.060 lb/MMBtu or less and does not use post combustion technology to reduce emissions of SO<sub>2</sub> or PM. Otherwise, enter “NO.”

**Fuels with 0.30 Percent or Less Sulfur:**

Enter “YES” if the facility does not use post combustion technology (except a wet scrubber) for reducing PM, SO<sub>2</sub>, or CO emissions, burns only gaseous fuels or fuel oils that contain less than or equal to 0.30 weight percent sulfur, and is operated such that emissions of CO are maintained at levels less than or equal to 0.15 lb/MMBtu on a boiler operating day average basis. Otherwise, enter “NO.”

**Specific Site:**

Enter “YES” if the facility is Southwestern Public Service Company’s Harrington Station #1 in Amarillo, TX. Otherwise, enter “NO.” (Please note this question refers only to Unit #1 at Harrington Station. For additional steam generating facilities at Harrington Station, enter “NO.”)

**Table 1b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart D: Standards of Performance for Fossil Fuel-Fired Steam Generators**

★ **Complete for SOP applications only.**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**D-Series Fuel Type:**

Select one or more of the following options for fuel type(s) used to fire the boiler, steam generator, or steam generating unit. Enter the code(s) on the form. In some cases, several fuel type code options could appropriately describe a single fuel being combusted (e.g., distillate oil). In these instances, select one fuel type code which best represents the fuel being combusted. Enter the code on the form.

Code	Description
WD	Wood-residue
LG	Lignite
CR25	Fossil fuel containing at least 25%, by weight, of coal refuse
LG25	Fossil fuel containing at least 25% of lignite mined in North Dakota, South Dakota, or Montana
GFF	Gaseous fossil fuel other than natural gas
SFF	Solid fossil fuel (fuel that is not lignite, at least 25% coal refuse, or at least 25% lignite mined in North Dakota, South Dakota, or Montana)
LFF	Liquid fossil fuel
NFF	Non-fossil fuel other than wood residue
NG	Natural gas

If a fuel-firing option consists of multiple fuel types being combusted simultaneously, enter the D-Series fuel type code for each fuel in a separate column on the same line, with a single SOP index number. If there are more than three fuels being combusted simultaneously, use multiple lines, and start each line with a different SOP index number. Start each additional fuel-firing option on a different line with a different SOP index number. If multiple fuels that use the same code are simultaneously combusted, then enter the code once for each fuel (see "Fuel-firing Option A" for an example of multiple gaseous fossil fuels combusted simultaneously).

*Example:*

Fuel-firing Option A:

SOP Index No.	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type
60D-1A	GFF	GFF	GFF
60D-1B	GFF		
Fuel-firing Option B	60D-2	WD	LG25
Fuel-firing Option C	60D-3	LG	SFF
			NFF

▼ Continue only if "D-Series Fuel Type" is not "WD," "NFF," or "WD," and "NFF" in combination.

**Alternate 43D:**

Select one of the following options for alternate SO<sub>2</sub> requirements. Enter the code on the form.

Code	Description
43DAI3	Facility is meeting § 60.43Da(i)(3) [per § 60.43(d)] as an alternate to meeting the requirements of § 60.43(a) and (b) for SO <sub>2</sub>
42BK4	Facility is meeting § 60.42b(k)(4) [per § 60.43(d)] as an alternate to meeting the requirements of § 60.43(a) and (b) for SO <sub>2</sub>
NONE	No alternative requirement is used) for SO <sub>2</sub>

**Alternate 44E:**

Enter “YES” if the facility is meeting § 60.44Da(e)(3) [per § 60.44(e)] as an alternate to meeting the requirements of § 60.44(a), (b), and (d) for NO<sub>x</sub>. Otherwise, enter “NO.”

**Flue Gas Desulfurization:**

Enter “YES” if the unit utilizes a flue gas desulfurization device. Otherwise, enter “NO.”

**SO<sub>2</sub> Monitoring:**

Select one of the following options for monitoring of sulfur dioxide (SO<sub>2</sub>) emissions. Enter the code on the form.

Code	Description
CEMS	Continuous emissions monitoring system
FLSAMP	Fuel sampling and analysis
FLREC	Fuel receipts
NONE	No monitoring is required for SO <sub>2</sub> emissions because there is no applicable SO <sub>2</sub> emission limit

**Cyclone-Fired Unit:**

Enter “YES” if the unit is a cyclone-fired unit. Otherwise, enter “NO.”

**NO<sub>x</sub> Monitoring Type:**

Enter “YES” if it was demonstrated during the performance test that emissions of NO<sub>x</sub> are less than 70% of applicable standards in 40 CFR § 60.44. Otherwise, enter “NO.”

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**Table 2a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Da: Standards of Performance for Electric Utility Steam Generating Units**

★ Complete this table for electric utility steam generating units and SOP applications only.

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).



**Construction/Modification Date:**

Select one of the following options that describe the date of commencement of the most recent construction, modification, or reconstruction. Enter the code on the form.

<b>Code</b>	<b>Description</b>
78-	On or before September 18, 1978
78-97	After September 18, 1978, and on or before July 9, 1997
97-05C	Constructed after July 9, 1997, and on or before February 28, 2005
97-05R	Reconstructed after July 9, 1997, and on or before February 28, 2005
05-11C	Constructed after February 28, 2005
05-11R	Reconstructed after February 28, 2005, and on or before May 3, 2011
05-11M	Modified after February 28, 2005, and on or before May 3, 2011
11+C	Constructed on or after May 4, 2011
11+R	Reconstructed on or after May 4, 2011
11+M	Modified on or after May 4, 2011

▼ **Continue only if “Construction/Modification Date” is not “78-.”**

**Heat Input of Fossil Fuel:**

Select one of the following options for the heat input of fossil fuel alone or in combination with any other fuel. Enter the code on the form.

<b>Code</b>	<b>Description</b>
250-	Heat input of fossil fuel is less than or equal to 250 MMBtu/hr (73 MW)
250+	Heat input of fossil fuel is greater than 250 MMBtu/hr (73 MW)

★ **Complete Table 3a if “Heat Input of Fossil Fuel” is “250-.” Do not complete the remainder of Table 2.**

**D-Series Fuel Type:**

Select one or more of the following options for fuel type(s) used to fire the boiler, steam generator, or steam generating unit. Enter the code(s) on the form. In some cases, several fuel type code options could appropriately describe a single fuel being combusted (e.g., distillate oil). In these instances, select one fuel type code which best represents the fuel being combusted. Enter the code on the form.

<b>Code</b>	<b>Description</b>
NG	Natural gas
ACL	Anthracite coal
SRC	Solvent refined coal (SRC-I)
LCL	Liquefied coal
SFF	Solid fossil fuel
LFF	Liquid fossil fuel
GFF	Gaseous fossil fuel
SNFF	Solid non-fossil fuel
LNFF	Liquid non-fossil fuel
GNFF	Gaseous non-fossil fuel
SSDFF	Other solid fossil fuel derived from another solid fossil fuel
LSDFF	Other liquid fossil fuel derived from another solid fossil fuel
GSDFF	Other gaseous fossil fuel derived from another solid fossil fuel
SSDNFF	Solid fuel derived from a solid non-fossil fuel
LSDNFF	Liquid fuel derived from a solid non-fossil fuel
GSDNFF	Gaseous fuel derived from a solid non-fossil fuel

If a fuel-firing option consists of multiple fuel types being combusted simultaneously, enter the D-Series fuel type code for each fuel in a separate column on the same line, with a single SOP index number. If there are more than three fuels being combusted simultaneously, use multiple lines, and start each line with a different SOP index number. Start each additional fuel-firing option on a different line with a different SOP index number. If multiple fuels that use the same code are simultaneously combusted, then enter the code once for each fuel (See Fuel-firing Option A: for an example of multiple gaseous fossil fuels derived from a solid non-fossil fuel combusted simultaneously).

*Example:*

Fuel-firing Option A:

<b>SOP Index No.</b>	<b>D-Series Fuel Type</b>	<b>D-Series Fuel Type</b>	<b>D-Series Fuel Type</b>
60DA-1A	GSDNFF	GSDNFF	GSDNFF
60DA-1B	GSDNFF		
60DA-2	NG	ACL	
60DA-3	LCL	SSDFF	LSDFF

Fuel-firing Option B

Fuel-firing Option C

**Changes to Existing Affected Facility:**

Select one of the following changes to an existing affected facility. Enter the code on the form.

<b>Code</b>	<b>Description</b>
COFF	A change has been made to the existing fossil fuel-fired steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Da, to accommodate the use of combustible materials other than fossil fuels
CFNF	A change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Da and was originally designed to fire gaseous or liquid fossil fuels, to accommodate the use of any other fuel (fossil or non-fossil)
NO	No change as described in COFF and CFNF

▼ **Continue only if “Changes to Existing Affected Facility” is “NO.”**

★ **Complete “Percent (%) Coal Refuse” only if “Construction/Modification Date” is “05-11C,” 05-11R,” 05-11M,” “11+C,” “11+R,” or “11+M.”**

**Percent (%) Coal Refuse:**

Enter “YES” if the facility burns 75% or more coal refuse on a 12-month rolling average basis. Otherwise, enter “NO.”

**Combined Cycle Type:**

Select one of the following combined cycle type options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
IGCC	Integrated gasification combined cycle gas turbine electric utility steam generating unit
COMCYC	Combined cycle gas turbine (other than an IGCC) that is not subject to NSPS KKKK
KKKK	Combined cycle gas turbine (other than an IGCC) that is subject to NSPS KKKK
EB/CCCC	Municipal/commercial/industrial solid waste unit that is subject to NSPS Eb or CCCC
OTHER	Not a combined cycle gas turbine or a unit subject to NSPS Eb or CCCC

▼ **Do not continue if “Combined Cycle Type” is “EB/CCCC” or “KKKK.”**

▼ **Do not continue if “Combined Cycle Type” is “IGCC” and “Construction/Modification Date” is “78-97,” “97-05C,” or “97-05R.”**

**PM Commercial Demonstration Permit:**

Select one of the following exemptions to the particulate matter emission limits. Enter the code on the form.

Code	Description
CDP	The facility is operating under a PM commercial demonstration permit issued by the Administrator according to the provisions of § 60.47Da
EXEMPTF1	Affected facility meets the exemption in 60.42Da(f)(1)
NONE	The facility does not meet the PM exemptions in § 60.42Da(f)(1) or (2)

- ★ **Complete “PM Standard Basis” only if “PM Commercial Demonstration Permit” is “NONE” and “Construction/Modification Date” is “05-11C,” “05-11R,” “05-11M,” “11+M,” “11+C,” or “11+R.”**

**PM Standard Basis:**

Select one of the following PM standards. Enter the code on the form.

For facilities with “Construction/Modification Date” of “05-11C,” “05-11R,” “05-11M,” or “11+M”

Code	Description
ALT-D	§ 60.42Da(d) alternative to § 60.42Da(c)(1) or (2)
PMGEO	Gross energy based output standard
PMHIN	Heat input-based standard

For facilities with “Construction/Modification Date” of “11+C” or “11+R”

Code	Description
PMGEO	Gross energy based output standard
PMNEO	Net energy based output standard

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**Table 2b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Da: Standards of Performance for Electric Utility Steam Generating Units**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

- ★ **Complete “NO<sub>x</sub> Standard” only if “Combined Cycle Type” is “IGCC.”**

**NO<sub>x</sub> IGCC Standard:**

Select one of the following options for NO<sub>x</sub> Standard applicable to the IGCC. Enter the code on the form.

Code	Description
LIQ+50	The facility burns liquid fuel exclusively or in combination with solid-derived fuel such that liquid fuel contributes 50% or more of the total heat input
LIQVAR	The facility, during a 30-day rolling average compliance period, burns liquid fuel in combination with solid-derived fuel such the liquid fuel contributes 50% or more of the total heat input for only a portion of the clock hours in the 30-day period
LIQ-50	Neither of the above (liquid fuel is less than 50% of the total heat input)

★ **Complete “MACT Applicability” only if “Construction/Modification Date” is “11+C,” “11+R,” or “11+M.”**

**MACT Applicability:**

Select one of the following for options compliance with MACT work practice standards. Enter the code on the form.

Code	Description
63UUUUU	Unit is also subject to 40 CFR Part 63, Subpart UUUUU and complies with those work practice standards during startup/shutdown
63DDDDD	Unit is also subject to 40 CFR Part 63, Subpart DDDDD and complies with those work practice standards during startup/shutdown
NONE	Unit is not subject to 40 CFR Part 63, Subpart DDDDD or UUUUU

**Unit Type:**

Select one of the following unit type options. Enter the code on the form.

Code	Description
RESREC	Resource recovery unit
OTHER	Other unit type

**Monitoring Type:**

Designate the monitoring option for each pollutant. Select only the type(s) of monitoring applicable under 40 CFR Part 60, Subpart Da. If no monitoring is required for a specified pollutant, leave the column blank.

**PM Monitoring Type:**

Select one of the following monitoring options for particulate matter. Enter the code on the form.

Note: PM Monitoring type need not be completed if “PM Exemptions” is “CDP,” or “EXEMPTF1.”

<b>Code</b>	<b>Description</b>
PMCEMS	Continuous emission monitoring system (CEMS) per § 60.49Da(v)
EP-PMOD	An electrostatic precipitator is used for PM control and PM monitored using a predictive model per § 60.48Da(o)(3)
BH-LDET	A baghouse is used for PM control and PM monitored using a leak detection per § 60.48Da(o)(4)
EPBH-COMS	An electrostatic precipitator or a baghouse is used for PM control and PM monitored using COMS per § 60.48Da(o)(2)
PMCPMS	Continuous parameter monitoring system (CPMS) per 40 CFR Part 63, Subpart UUUUU per 60.49Da(a)(4)(ii)
OTHERPM	Other than above options

**Opacity Monitoring Type:**

Select one of the following monitoring options for opacity. Enter the code on the form.

Note: “Opacity Monitoring Type” need not be completed if “PM Exemptions” is “CDP,” or “EXEMPTF1.”

<b>Code</b>	<b>Description</b>
CMS	Continuous monitoring system for opacity (COMS)
ALT-A2I	The facility uses a fabric filter with a leak detection system installed per § 60.49Da(a)(2)(i) to meet § 60.42Da and elects to monitor opacity per § 60.49Da(a)(3)
ALT-A2II	The facility does not use a post-combustion technology for SO <sub>2</sub> or PM and burns gaseous or liquid fuels meeting specifications in § 60.49Da(a)(2)(ii) and elects to monitor opacity per § 60.49Da(a)(3)
ALT-A2III	The facility does not use a post-combustion technology (except a wet scrubber) for PM, SO or CO and burns gaseous fuels or fuel oils meeting specifications in § 60.49Da(a)(2)(iii)(A)-(C) and elects to monitor opacity per § 60.49Da(a)(3)
ALT-A2IV	The facility uses an ESP and uses an ESP predictive model to monitor the performance of the ESP developed in accordance and operated according to the most current requirements in section §60.48Da of this part) (use if PM monitoring is EP-PMOD)
ALT-A4I	The affected facility combusts only gaseous and/or liquid fuels (excluding residue oil) where the potential SO <sub>2</sub> emissions rate of each fuel is no greater than 26 ng/J (0.060 lb/MMBtu), and the unit operates according to a written site-specific monitoring plan approved by the permitting authority
ALT-A4II	The affected facility uses a particulate matter continuous parametric monitoring system (PM CPMS) according to the requirements specified in subpart UUUUU of part 63
NONE	No monitoring for opacity (use if PM monitoring is “PMCEMS”)

**SO<sub>2</sub> Monitoring Type:**

Select one of the following monitoring options for sulfur dioxide (SO<sub>2</sub>). Enter the code on the form.

Code	Description
ASFRD-C	As-fired sampling and using continuous emission monitoring system [§ 60.49Da(b)(3)]
ASFRD-C75	As-fired sampling and using continuous emission monitoring system installed to meet the requirements of Part 75 [§ 60.49Da(b)(3)]
CEM	Continuous emission monitoring system [§ 60.49Da(b)(1) or (b)(2)]
CEMS75	Continuous emission monitoring system installed to meet the requirements of Part 75 [§ 60.49Da(b)(4)]
NONE	Only gaseous and/or liquid fuels (excluding residual oil) where the potential SO <sub>2</sub> emissions rate of each fuel is 26 ng/J (0.060 lb/MMBtu) or less are combusted as specified in 60.49Da(b)

**NO<sub>x</sub> Monitoring Type:**

Select one of the following monitoring options for nitrogen oxides (NO<sub>x</sub>). Enter the code on the form.

Code	Description
CEMS	Continuous emission monitoring system
CEMS75	Continuous emission monitoring system installed to meet the requirements of Part 75
PERF	Performance test method per § 60.48Da(j)(1) or (k)(1)

**SO<sub>2</sub> Commercial Demonstration Permit:**

Enter “YES” if the facility is operating under an SO<sub>2</sub> commercial demonstration permit issued by the Administrator according to the provisions of § 60.47Da. Otherwise, enter “NO.”

★ Do not complete “SO<sub>2</sub> Emission Rate” if “D-Series Fuel Type” is only “ACL” or “SRC;” or if “Construction/Modification Date” is “05-11C,” “05-11R,” “05-11M,” “11+C,” “11+R,” or “11+M.”

**SO<sub>2</sub> Emission Rate:**

Select one of the following options for the SO<sub>2</sub> emission rate. Enter the code on the form for each fuel firing option. Do not select a heat input option if complying with lb/MWh limit in 60.43Da(a)(3) that is in lb/MWh heat output. Select the energy input option if complying with lb/MWh limit in 60.43Da(a) that is in lb/MWh heat input.

Code	Description
65-	SO <sub>2</sub> emission rate is less than 0.15 lb/MMBtu (65 ng/J) heat input
65-86	SO <sub>2</sub> emission rate is greater than 0.15 lb/MMBtu, but less than 0.20 lb/MMBtu (86 ng/J) heat input
86-260	SO <sub>2</sub> emission rate is greater than or equal to 0.20 lb/MMBtu (86 ng/J) heat input but less than or equal to 0.60 lb/MMBtu (260 ng/J) heat input
260+	SO <sub>2</sub> emission rate is greater than 0.60 lb/MMBtu (260 ng/J) heat input
180-	SO <sub>2</sub> emission rate is less than 1.4 lb/MWh (180 ng/J) gross energy output

**FGD:**

Enter “YES” if the affected facility has a flue gas desulfurization system. Otherwise, enter “NO.”

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**Table 2c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Da: Standards of Performance for Electric Utility Steam Generating Units**


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**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

- ★ Complete “SO<sub>2</sub> Standard Basis” only if “Construction/Modification Date” is “05-11C,” 05-11R,” 05-11M,” “11+C,” “11+R,” or “11+M.”

**SO<sub>2</sub> Standard Basis:**

Select one of the following SO<sub>2</sub> standards. Enter the code on the form.

Code	Description
SO <sub>2</sub> GEO	The facility meets a standard that is gross energy output-based
SO <sub>2</sub> NEO	The facility meets a standard that is net energy output-based
SO <sub>2</sub> HIN	The facility meets a standard that is heat input-based
NEITHER	The facility meets a standard other than output- or input-based (i.e. percent reduction)

**NO<sub>x</sub> Commercial Demonstration Permit:**

Enter “YES” if the facility is operating under a NO<sub>x</sub> commercial demonstration permit issued by the Administrator according to the provisions of § 60.47Da. Otherwise, enter “NO.”

- ▼ Do not continue if “NO<sub>x</sub> Commercial Demonstration Permit” is “YES.”

- ★ Complete “Alternative Standard for Combined NO<sub>x</sub> and CO” only if “Construction/Modification Date” is “11+C,” “11+R,” or “11+M.”

**Alternative Standards for Combined NO<sub>x</sub> and CO:**

Select one of the following options for the alternative standards for combined NO<sub>x</sub> + CO. Enter the code on the form

Code	Description
NOXGEO	The facility is electing to meet the applicable standard for combined NOX and CO standard that is gross energy output-based
NOXNEO	The facility is electing to meet the applicable standard for combined NOX and CO standard that is net energy output-based
NONE	The facility is not electing to meet the applicable standard for combined NOX and CO

- ★ Complete “NO<sub>x</sub> Standard Basis” only if “Construction/Modification Date” is “05-11R,” 05-11M,” “11+C,” or “11+R” and “Combined Cycle Type” is not “IGCC.”



**NOx Standard Basis:**

Select one of the following NOx standards. Enter the code on the form.

For facilities constructed, reconstructed, or modified on or after May 4, 2011

Code	Description
NOXGEO	The facility meets a standard that is gross energy output-based
NOXNEO	The facility meets a standard that is net energy output-based

For facilities reconstructed after February 28, 2005, and on or before May 3, 2011

Code	Description
NOXGEO	The facility meets a standard that is gross energy output-based
NOXHIN	The facility meets a standard that is heat input-based

- ★ **Complete “Duct Burner” only if “Construction/Modification Date” is “78-97” and if only one “D-Series Fuel Type” was entered; or if “Construction/Modification Date” is “97-05C;” or if “Construction/Modification Date” is “05-11C” and “Combined Cycle Type” is not “IGCC.”**

**Duct Burner:**

Enter “YES” if the unit is a duct burner. Otherwise, enter “NO.”

- ★ **Complete “PM Flow Monitoring System” only if “PM Standard” is “PMGEO” or “PMNEO.”**

**PM Flow Monitoring System:**

Select one of the following options to describe the flow monitoring system required for facility complying with an output-based standard under § 60.42Da. Enter the code on the form.

Code	Description
DA	Continuous flow monitoring system meeting the requirements of Performance Specification 6 of 40 CFR Part 60 Subpart Da: Appendix B and Procedure 1 of Appendix F [in accordance with 40 CFR § 60.49Da(l)]
CFMS75	Continuous flow monitoring system certified according to the requirements of 40 CFR § 75.20, meeting the applicable quality control and quality assurance requirements of 40 CFR § 75.21, and validated according to 40 CFR § 75.23 [in accordance with 40 CFR § 60.49Da(m)]
75D	Fuel flow monitoring system certified and operated according to the requirements of 40 CFR Part 75, Appendix D (gas-fired or oil-fired units only) [in accordance with 40 CFR § 60.49Da(n)]

- ★ **Complete “SO<sub>2</sub> Flow Monitoring” only if “SO<sub>2</sub> Standard Basis” is “SO<sub>2</sub>GEO” or “SO<sub>2</sub>NEO.”**

**SO<sub>2</sub> Flow Monitoring System:**

Select one of the following options to describe the flow monitoring system required for facility complying with an output-based standard under § 60.43Da. Enter the code on the form.

<b>Code</b>	<b>Description</b>
DA	Continuous flow monitoring system meeting the requirements of Performance Specification 6 of 40 CFR Part 60 Subpart Da: Appendix B and Procedure 1 of Appendix F [in accordance with 40 CFR § 60.49Da(l)]
CFMS75	Continuous flow monitoring system certified according to the requirements of 40 CFR § 75.20, meeting the applicable quality control and quality assurance requirements of 40 CFR § 75.21, and validated according to 40 CFR § 75.23 [in accordance with 40 CFR § 60.49Da(m)]
75D	Fuel flow monitoring system certified and operated according to the requirements of 40 CFR Part 75, Appendix D (gas-fired or oil-fired units only) [in accordance with 40 CFR § 60.49Da(n)]

- ★ **Complete “NO<sub>x</sub> Flow Monitoring” only if “Construction/Modification Date” is “97-05C,” “97-05R,” or “05+11C;” or if “Combined Cycle Type” is “IGCC;” or if “NO<sub>x</sub> Standard Basis” is “NOXGEO” or “NOXNEO.”**

**NO<sub>x</sub> Flow Monitoring System:**

Select one of the following options to describe the flow monitoring system required for facility complying with an output-based standard under § 60.44Da. Enter the code on the form.

<b>Code</b>	<b>Description</b>
DA	Continuous flow monitoring system meeting the requirements of Performance Specification 6 of 40 CFR Part 60 Subpart Da, Appendix B and Procedure 1 of Appendix F [in accordance with 40 CFR § 60.49Da(l)]
CFMS75	Continuous flow monitoring system certified according to the requirements of 40 CFR § 75.20, meeting the applicable quality control and quality assurance requirements of 40 CFR § 75.21, and validated according to 40 CFR § 75.23 [in accordance with 40 CFR § 60.49Da(m)]
75D	Fuel flow monitoring system certified and operated according to the requirements of 40 CFR Part 75, Appendix D (gas-fired or oil-fired units only) [in accordance with 40 CFR § 60.49Da(n)]

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**Table 3a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**

- ★ **For units in GOP applications that were constructed, modified, or reconstructed after June 9, 1989, do not complete Table 3. Complete Table 4 as directed.**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to

SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

#### Construction/Modification Date:

Select one of the following options that describe the date of commencement of the most recent construction, modification, or reconstruction. Enter the code on the form.

For units in GOP applications:

Code	Description
G89-	On or before June 9, 1989

For units in SOP applications:

Code	Description
84-	Constructed on or before June 19, 1984
84-86	Constructed after June 19, 1984, and on or before June 19, 1986
86-86	Constructed after June 19, 1986, and before November 25, 1986
86-97	Constructed on or after November 25, 1986, and on or before July 9, 1997
97-05C	Constructed after July 9, 1997, and on or before February 28, 2005
05+CR	Constructed or reconstructed after February 28, 2005
05+M	Modified after February 28, 2005

- ▼ Continue only if “Construction/Modification Date” is “84-86,” “86-86,” “86-97,” “97-05C,” “05+CR,” “05+M,” or “G89-.”

#### Heat Input Capacity:

Select one of the following options for the heat input capacity or the maximum design heat input capacity. Enter the code on the form.

For units in GOP applications:

Code	Description
NA	Not applicable

For units in SOP applications:

Code	Description
100-	Heat input capacity is less than or equal to 100 MMBtu/hr (29 MW)
100-250	Heat input capacity is greater than 100 MMBtu/hr (29 MW) but less than or equal to 250 MMBtu/hr (73 MW)
250+	Heat input capacity is greater than 250 MMBtu/hr (73 MW)

- ▼ Continue only if “Heat Input Capacity” is “100-250,” or “250+.”

- ★ If “Heat Input Capacity” is “100-,” complete Table 4 as directed. If application type is GOP, go to Table 3b and complete “D-Series Fuel Type.” Do not complete the rest of Table 3.

#### Subpart Da:

Enter “YES” if the affected facility meets applicability requirements of 40 CFR Part 60, Subpart Da. Otherwise, enter “NO.”

- ▼ Continue only if “Subpart Da” is “NO.”

**Changes to Existing Affected Facility:**

Enter “YES” if a change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281. Otherwise, enter “NO.”

▼ Continue only if “Changes to Existing Affected Facility” is “NO.”

**Subpart Ea, Eb, AAAA, or CCCC:**

Enter “YES” if the affected facility meets applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb, AAAA, or CCCC. Otherwise, enter “NO.”

▼ Continue only if “Subpart Ea, Eb, AAAA, or CCCC” is “NO.”

**Subpart KKKK:**

Enter “YES” if the affected facility is a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK. Otherwise, enter “NO.”

▼ Continue only if “Subpart KKKK” is “NO.”

**Subpart Cb or BBBB:**

Enter “YES” if the affected facility is covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines. Otherwise, enter “NO.”

▼ Continue only if “Subpart Cb or BBBB” is “NO.”

**Temporary Boiler:**

Enter “YES” if the steam-generating unit is a temporary boiler. Otherwise, enter “NO.”

▼ Continue only if “Temporary Boiler” is “NO.”

**Table 3b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**

★ Complete only if “Heat Input Capacity” is “100-250,” “250+,” or “NA.”

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**D-Series Fuel Type:**

Select one or more of the following options for fuel type(s) used to fire the boiler, steam generator, or steam generating unit. Enter the code(s) on the form. In some cases, several fuel type code options could appropriately describe a single fuel being combusted (e.g., distillate oil). In these instances, select one fuel type code which represents the fuel being combusted. Enter the code on the form.

## Gas Series (Fossil)

<b>Code</b>	<b>Description</b>
NG	Natural gas (GOP applicants may only fire natural gas)
CDSFNG	Coal-derived synthetic fuel meeting the definition of natural gas
GFF	Other gaseous fossil fuel

## Oil Series (Fossil)

<b>Code</b>	<b>Description</b>
PET	Petroleum, crude oil, or liquid fuel derived from crude oil or petroleum other than distillate or residual oil (and not a very low sulfur oil)
PETLSO3	Petroleum, crude oil, or liquid fuel derived from crude oil or petroleum other than distillate or residual oil and that contains no more than 0.3 weight percent sulfur or has a SO <sub>2</sub> emission rate less than 140 ng/J (0.32 lb/MMBtu) heat input (VLS oil post 02/28/05 units)
PETLSO5	Petroleum, crude oil, or liquid fuel derived from crude oil or petroleum other than distillate or residual oil and that contains no more than 0.5 weight percent sulfur or has a SO <sub>2</sub> emission rate less than 215 ng/J (0.5 lb/MMBtu) heat input (VLS oil 02/28/05 or earlier units)
DOIL	Distillate oil (not a very low sulfur oil)
DOILLSO3	Distillate oil that contains no more than 0.3 weight percent sulfur or has a SO <sub>2</sub> emission rate less than 140 ng/J (0.32 lb/MMBtu) heat input (VLS oil post 02/28/05 units)
DOILLSO5	Distillate oil that contains no more than 0.5 weight percent sulfur or has a SO <sub>2</sub> emission rate less than 215 ng/J (0.5 lb/MMBtu) heat input (VLS oil 02/28/05 or earlier units)
ROIL	Residual oil with a nitrogen content less than or equal to 0.30% by weight (and not a very low sulfur oil)
ROILLSO3	Residual oil with a nitrogen content less than or equal to 0.30% by weight and that contains no more than 0.3 weight percent sulfur or has a SO <sub>2</sub> emission rate less than 140 ng/J (0.32 lb/MMBtu) heat input (VLS oil post 02/28/05 units)
ROILLSO5	Residual oil with a nitrogen content less than or equal to 0.30% by weight and that contains no more than 0.5 weight percent sulfur or has a SO <sub>2</sub> emission rate less than 215 ng/J (0.5 lb/MMBtu) heat input (VLS oil 02/28/05 or earlier units)
RO30+	Residual oil with a nitrogen content greater than 0.30% by weight (and not a very low sulfur oil)
RO30+LSO3	Residual oil with a nitrogen content greater than 0.30% by weight and that contains no more than 0.3 weight percent sulfur or has a SO <sub>2</sub> emission rate less than 140 ng/J (0.32 lb/MMBtu) heat input (VLS oil post 02/28/05 units)
RO30+LSO5	Residual oil with a nitrogen content greater than 0.30% by weight and that contains no more than 0.5 weight percent sulfur or has a SO <sub>2</sub> emission rate less than 215 ng/J (0.5 lb/MMBtu) heat input (VLS oil 02/28/05 or earlier units)

## Coal Series

<b>Code</b>	<b>Description</b>
COAL	Coal
LG	Lignite mined in North Dakota, South Dakota, or Montana
OLG	Lignite mined in states other than North Dakota, South Dakota, or Montana
CLR	Coal refuses
CDSF	Coal-derived synthetic fuel not meeting the definition of natural gas
PULV	Pulverized coal
COG	Coke oven gas

## Other Fuels

<b>Code</b>	<b>Description</b>
MSW	Municipal-type solid waste
WD	Wood
BPW	Byproduct/waste
HZW	Hazardous waste
SFF	Other solid fossil fuel
SNFF	Other solid non fossil fuel
NSNFF	Other non-solid non fossil fuel
LFF	Other liquid fossil fuel

If a fuel-firing option consists of multiple fuel types being combusted simultaneously, enter the D-Series fuel type code for each fuel in a separate column on the same line, with a single SOP index number. If there are more than three fuels being combusted simultaneously, use multiple lines, and start each line with a different SOP index number. Start each additional fuel-firing option on a different line with a different SOP index number. If multiple fuels that use the same code are simultaneously combusted, then enter the code once for each fuel (See Fuel-firing Option A: for an example of multiple petroleum fuels fired simultaneously).

*Example:*

	SOP Index No.	D-Series Fuel Type	D-Series Fuel Type	ACF Option		
				S0 <sub>2</sub>	PM	NO <sub>x</sub>
60DB-1A	COAL	PET	PET	F30-CO		
60DB-1B	NG					
60DB-2	WD				F30-WD	
60DB-3	NG	DOIL	ROIL			F10-NG

▼ **Continue only for SOP Applications.**

★ **Complete “Subpart D” only if “Construction/Modification Date” is “84-86.”**

**Subpart D:**

Enter “YES” if the affected facility meets the applicability requirements of 40 CFR Part 60, Subpart D. Otherwise, enter “NO.”

**Additional Applicability Requirement:**

Select one of the following options for the affected facility if the affected facility meets applicability requirements of other 40 CFR Part 60 rules.

<b>Code</b>	<b>Description</b>
J	The affected facility meets the applicability requirements in 40 CFR Part 60, Subpart J
JA	The affected facility meets the applicability requirements in 40 CFR Part 60, Subpart Ja
E	The affected facility meets the applicability requirements in 40 CFR Part 60, Subpart E
BB	The affected facility meets the applicability requirements in 40 CFR Part 60, Subpart BB
NONE	The affected facility does not meet the applicability requirements of 40 CFR Part 60, Subpart J, 40 CFR Part 60, Subpart Ja, 40 CFR Part 60, Subpart E, or 40 CFR Part 60, Subpart BB.

**ACF Option:**

Select one of the following annual capacity factor (ACF) options. Enter the code on the form in the space next to the “D-Series Fuel Type” code (FE = Federally Enforceable).

<b>Pollutant</b>	<b>Code</b>	<b>Description</b>	<b>Citation</b>
<b>SO<sub>2</sub></b>	F30-C	Coal and oil ACF less than or equal to 30% (FE)	[60.42b(d)(1)]
	F10-OIL	Oil ACF less than or equal to 10% (FE)	[60.42b(f)(1)]
	OTHR	Other ACF or no ACF	
<b>PM</b>	10-OTH	Coal with other fuels and other fuels ACF is less than or equal to 10%	[60.43b(a)(1)(ii)]
	F10+OTH	Coal with other fuels and other fuels ACF is greater than 10% (FE)	[60.43b(a)(2)]
	F30-CLO	Coal or coal and other solid fuels ACF less than or equal to 30% (FE)	[60.43b(a)(3)(iii)]
	30+WD	Wood ACF greater than 30%	[60.43b(c)(1)]
	F30-WD	Wood ACF less than or equal to 30% (FE)	[60.43b(c)(2)(i) and (ii)]
	10-OMW	Municipal-type solid waste with other fuels and other fuels ACF is less than or equal to 10%	[60.43b(d)(1)(ii)]
	F30-MSW	Municipal-type solid waste ACF less than or equal to 30% (FE)	[60.43b(d)(2)(i) and (iii)]
	F30-OMW	Municipal-type solid waste and other fuels ACF less than or equal to 30% (FE)	[60.43b(d)(2)(i) and (iii)]
	OTHR	Other ACF or no ACF	

			OP-UA6 Instructions
Pollutant	Code	Description	Citation
NO <sub>x</sub>	F10-MIX	Coal or oil, or mixture of these fuels with natural gas ACF less than or equal to 10% (FE)	[60.44b(c)]
	F10-NGSL	Natural gas and/or distillate oil with wood, municipal-type solid waste, or other solid fuel (except coal) and has an ACF for those fuels, or a mixture of those fuels of 0.10 or less, and has an (FE) limit of less than or equal to 10%.	[60.44b(d)]
	F10-MLT	Coal, oil, or natural gas with byproduct/waste and has a coal, oil, and natural gas ACF of 10 percent (0.10) or less, and has an (FE) limit less than or equal to 10% (FE)	[60.44b(e)]
	F10-NG	Natural gas, distillate oil, and residual oil with a nitrogen content less than or equal to 0.30% combined ACF less than or equal to 10% (FE)	[60.44b(j)(2) and (3)]
	10+RO	Residual oil with a nitrogen content of .30 weight percent or less natural gas, distillate oil, or any mixture of these fuels with an ACF greater than 10%	[60.48b(g)]
	OTHR	Other ACF or no ACF	

**Table 3c:** Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at

[www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

- ★ **Complete “60.42b(k)(2) Low Sulfur Exemption” only if “Construction/Modification Date” is “05+CR” or “05+M,” and the affected facility fires low sulfur oil and/or gaseous fuel, or mixtures that include very low sulfur oil and/or gaseous fuel.**

**60.42b(k)(2) Low Sulfur Exemption:**

Enter “YES” if 60.42b(k)(2) exemption applies. Otherwise, enter “NO.”

- ★ **Complete “60.42b(k)(4) Alternative” only if “Construction/Modification Date” is “05+CR” or “05+M,” and the affected facility fires coal, as defined in 40 CFR § 60.41b, alone or in combination with other fuels.**

**60.42b(k)(4) Alternative:**

Enter “YES” if 60.42b(k)(4) is chosen as an alternative requirement to 60.42b(k)(1). Otherwise, enter “NO.”

- ★ **Complete “Post-combustion Control” only if “D-series Fuel Type” is “COG” alone or in combination with other fuels.**

**Post-Combustion Control:**

Enter “YES” if the affected facility uses a post-combustion technology, other than a wet scrubber, to reduce emissions of particulate matter or sulfur dioxide. Otherwise, enter “NO.”



★ Complete “60.43b(h)(2) Alternative” only if “Construction/Modification Date” is “05+M.”

**60.43b(h)(2) Alternative:**

Enter “YES” if the facility is electing to use the alternative requirements of 60.43b(h)(2) for PM. Otherwise, enter “NO.”

★ Complete “Electrical or Mechanical Output” only if “Construction/Modification Date” is “97-05CR” or “05+CR.”

**Electrical or Mechanical Output:**

Enter “YES” if more than 10% of the annual output is electrical or mechanical. Otherwise, enter “NO.”

★ Complete “Output Based Limit” only if “Electrical or Mechanical Output” is “YES.”

**Output Based Limit:**

Enter “YES” if the facility is electing to comply with the output-based limit in 60.44b(l)(3). Otherwise, enter “NO.”

★ Complete “60.49Da(n) Alternative” only if “Output Based Limit” is “YES.”

**60.49Da(n) Alternative:**

Enter “YES” if the facility is gas- or oil-fired and is using the 60.49Da(n) alternative. Otherwise, enter “NO.”

★ Complete “60.49Da(m) Alternative” only if “60.49Da(n) Alternative” is “NO.”

**60.49Da(m) Alternative:**

Enter “YES” if the facility is using the 60.49Da(m) alternative. Otherwise, enter “NO.”

**Table 3d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

★ Complete “Residual Oil Sampling” only if “D-Series Fuel Type” is “ROIL,” “ROILLSO3,” “ROILLSO5,” “RO30+,” “RO30+LSO3” or “RO30+LSO5.”

**Residual Oil Sampling:**

Enter “YES” if the residual oil is sampled and analyzed for nitrogen content as specified in 40 CFR § 60.49b(e). Otherwise, enter “NO.”

**Monitoring Type:**

Designate the monitoring options for each pollutant. Select only the type(s) of monitoring applicable under 40 CFR Part 60, Subpart Db.

**PM:**

Select one of the following monitoring options for PM. Enter the code on the form.

<b>Code</b>	<b>Description</b>
CEM	Continuous emission monitoring system and the facility is not subject to a federally enforceable PM limit of 0.030 lb/MMBtu or less
CEM030	Continuous emission monitoring system and the facility is subject to a federally enforceable PM limit of 0.030 lb/MMBtu or less
NONE	No particulate monitoring
FLCRT	Fuel certification (maintaining receipts per § 60.49b(r)(1) – use for § 60.43b(h)(5) exemption only)
FLSMP	Fuel certification (based on fuel analysis per § 60.49b(r)(2) – use for § 60.43b(h)(5) exemption only)

**PM (Opacity):**

Select one of the following monitoring options for opacity. Enter the code on the form.

<b>Code</b>	<b>Description</b>
CMS	Continuous opacity monitoring systems (COMS)
CCEM	Continuous emissions monitoring system for carbon monoxide (CO) installed and operated per 40 CFR § 60.48b(j)(4)
NONE	No particulate monitoring

**NOx:**

Select one of the following monitoring options for nitrogen oxides (NOx). Enter the code on the form.

<b>Code</b>	<b>Description</b>
CEM	Continuous emission monitoring system
CEM75	Continuous emission monitoring system used to comply with 40 CFR Part 75
PEM	Predictive emission monitoring system
NONE	No NOx monitoring

**SO<sub>2</sub>:**

Select one of the following monitoring options for SO<sub>2</sub>. Enter the code on the form.

<b>Code</b>	<b>Description</b>
ASFRD	As-fired sampling
MTH6B	Method 6B sampling
FLCRT	Fuel certification (maintaining receipts per § 60.49b(r)(1))
FLSMP	Fuel certification (based on fuel analysis per § 60.49b(r)(2))
CEM	Continuous emission monitoring system
NONE	No SO <sub>2</sub> monitoring (not applicable if the low sulfur exemption applies)

**Technology Type:**

Select one of the following technology type options. Enter the code on the form.

Code	Description
FLDBD	Fluidized bed combustion (conventional technology)
DESLF	Flue gas desulfurization service (conventional technology)
EMRG+	Emerging technology with fuel pretreatment
EMRG-	Emerging technology without fuel pretreatment
CONV	Other conventional technology
NONE	No emerging or conventional technology is used to reduce or control SO <sub>2</sub> emissions

**Unit Type:**

Select one of the following unit type options. Enter the code on the form.

Code	Description
FDSTK	Mass feed stoker
SPDSTK	Spreader stoker
DCTBRN1	Duct burner as part of combined cycle system (compliance with NO <sub>x</sub> limitations is determined by conducting a performance test)
DCTBRN2	Duct burner as part of combined cycle system (compliance on a 30-day rolling average basis determined by using a continuous emission monitoring system)
SLGTP	Slag tap furnace
OTHER	Other unit type

- ★ Complete “Heat Release Rate” only if “Unit Type” is “FDSTK,” “SPDSTK,” “SLGTP,” or “OTHER” and “D series Fuel Type” is, alone or in combination, “NG,” “DOIL,” “DOILLSO<sub>3</sub>,” “DOILLSO<sub>5</sub>,” “ROIL,” “ROILLSO<sub>3</sub>,” “ROILLSO<sub>5</sub>,” “RO30+,” “RO30+LSO<sub>3</sub>,” or “RO30+LSO<sub>5</sub>.”

**Heat Release Rate:**

Select one of the following options for heat release rate. Enter the code on the form for each fuel-firing option.

Code	Description
NGLOW	Natural gas with a heat release rate less than or equal to 70 MBtu/hr/ft <sup>3</sup>
NGHIGH	Natural gas with a heat release rate greater than 70 MBtu/hr/ft <sup>3</sup>
ROLOW	Residual oil with a heat release rate less than or equal to 70 Mbtu/hr/ft <sup>3</sup>
ROHIGH	Residual oil with a heat release rate greater than 70 MBtu/hr/ft <sup>3</sup>
DOLOW	Distillate oil with a heat release rate less than or equal to 70 Mbtu/hr/ft <sup>3</sup>
DOHIGH	Distillate oil with a heat release rate greater than 70 MBtu/hr/ft <sup>3</sup>

- ★ Complete “Heat Input Gas/Oil” only if “Construction/Modification Date” is “97-05CR” or “05+CR.” and “Heat Release Rate” is “NGLOW” or “DOLOW.”

**Heat Input Gas/Oil:**

Enter “YES” if the facility combusts natural gas or distillate oil in excess of 30 % of the heat input from the combustion of all fuels. Otherwise, enter “NO.”

- ★ Complete “Heat Input Wood” only if “Construction/Modification Date” is “05+M.”

TCEQ-10026 (APD-ID 40v3.0, revised 09/24) OP-UA6 Instr.

This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V Release 09/24)

**Heat Input Wood:**

Enter “YES” if the facility combusts over 30% wood by heat input. Otherwise, enter “NO.”

★ **Complete “Fuel Heat Input” only if “Unit Type” is “DCTBRN1” or “DCTBRN2” and combusting coal or oil.**

**Fuel Heat Input:**

Enter “YES” if the heat input is less than or equal to 30% from combustion of coal and oil in the duct burner and heat input is greater than or equal to 70% of the steam generating unit and is from the exhaust gases entering the duct burner. Otherwise, enter “NO.”

**Table 3e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

★ **Complete “Alternate Emission Limit” only if “D-Series Fuel Type” is “BPW.”**

**Alternate Emission Limit (AEL):**

Enter “YES” if the facility combusts byproduct/waste with either natural gas or oil and petitioned the EPA Administrator to establish a NOx emission limit that applies specifically when the byproduct/waste is combusted. Otherwise, enter “NO.”

**AEL ID No.:**

If an alternate emission limit has been approved, then enter the corresponding AEL identification number (ID No.) for each unit or process (maximum 10 characters). If the AEL identification number is unavailable, then enter the date of the approval letter. The identification number and/or the date of the approval letter is contained in the compliance file under the appropriate regulated entity number. Otherwise, leave this column blank.

**Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Dc: Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Construction/Modification Date:**

Select one of the following options that describe the date of commencement of the most recent construction, modification, or reconstruction. Enter the code on the form.

Code	Description
89-	On or before June 9, 1989
89-05	After June 9, 1989, but on or before February 28, 2005
05+	After February 28, 2005

▼ **Continue only if “Construction/Modification Date” is “89-05” or “05+.”**

**Maximum Design Heat Input Capacity:**

Select one of the following options for the maximum design heat input capacity. Enter the code on the form.

Code	Description
10-	Maximum design heat input capacity is less than 10 MMBtu/hr (2.9 MW)
10-100	Maximum design heat input capacity is greater than or equal to 10 MMBtu/hr (2.9 MW) but less than or equal to 100 MMBtu (29 MW)
100+	Maximum design heat input capacity is greater than 100 MMBtu/hr (29 MW) (for SOP applications only)

▼ **Continue only if “Maximum Design Heat Input Capacity” is “10-100.”**

**Applicability:**

Select one of the following options for the applicability of other 40 CFR Part 60 Subparts. Enter the code on the form.

Code	Description
KKKK	A heat recovery steam generator associated with a stationary combustion turbine that meets the applicability requirements of 40 CFR Part 60, Subpart KKKK.
AAAA	Steam generating unit that meets the applicability requirements of and is subject to 40 CFR Part 60, Subpart AAAA.
CCCC	Steam generating unit that meets the applicability requirements of and is subject to 40 CFR Part 60, Subpart CCCC
BBBB	Steam generating unit that meets the applicability requirements of and is subject to an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, subpart BBBB.
J/JA	A boiler or steam generating unit located at a refinery that meets the applicability requirements of and is subject to 40 CFR Part 60, Subpart J or Ja.
TEMP	The unit is a temporary boiler.
NONE	Unit is not subject to other 40 CFR Part 60 subparts.

▼ **Continue only if “Applicability” is “NONE” or “J/JA.”**

**Heat Input Capacity:**

Select one of the following options for the heat input capacity. Enter the code on the form.

For units in GOP applications:

Code	Description
NA	Not applicable

For units in SOP applications:

Code	Description
10-	Heat input capacity is less than or equal to 10 MMBtu/hr (2.9 MW)
10-30	Heat input capacity is greater than 10 MMBtu/hr (2.9 MW) but less than 30 MMBtu/hr (8.7 MW)
30-75	Heat input capacity is greater than or equal to 30 MMBtu/hr (8.7 MW) but less than or equal to 75 MMBtu/hr (22 MW)
75-100	Heat input capacity is greater than 75 MMBtu/hr (22 MW)

#### D-Series Fuel Type:

Select one or more of the following options for the fuel type(s) used to fire the boiler, steam generator, or steam generating unit. Enter the code(s) on the form. In some cases, several fuel type code options could appropriately describe a single fuel being combusted (e.g., distillate oil). In these instances, select one fuel type code which best represents the fuel being combusted. Enter the code on the form.

Code	Description
NG	Natural gas (GOP applicants may only fire natural gas)
DOIL	Distillate oil
ROIL	Residual oil
WD	Wood
OIL	Crude oil, petroleum, or liquid fuel derived from crude oil or petroleum other than distillate or residual oil
COAL	Coal, lignite, petroleum coke, or synthetic fuels derived from coal
OTHER	Other fuel
CLR	Coal Refuse

If a fuel-firing option consists of multiple fuel types being combusted simultaneously, enter the D-Series fuel type code for each fuel in a separate column on the same line, with a single SOP index number. If there are more than three fuels being combusted simultaneously, use multiple lines, and start each line with a different SOP index number. Start each additional fuel-firing option on a different line with a different SOP index number. If multiple fuels that use the same code are simultaneously combusted, then enter the code once for each fuel (See Fuel-firing Option A: for an example of multiple types of coal fired simultaneously).

Example:

Fuel-firing Option  
AFuel-firing Option  
BFuel-firing Option  
C

SOP Index No.	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	ACF Option	
				SO <sub>2</sub>	PM
60DC-1A	COAL	COAL	COAL	55-CL	
60DC-1B	COAL				
60DC-2	WD				30+WD
60DC-3	COAL	OIL			10-OTH

## ▼ Continue only for SOP Applications.

**ACF Option:**

Select one of the following ACF options. Enter the code on the form in the space next to the “D-Series Fuel Type” code (FE = Federally Enforceable).

Pollutant	Code	Description	Citation
SO <sub>2</sub>	F55-CL	Coal ACF less than or equal to 55% (FE)	[60.42c(c)(2)]
	55+CL	Coal ACF greater than 55%	[60.42c(e)(1)(iii)]
	55+CL	Other ACF or no ACF	

Pollutant	Code	Description	Citation
PM	10-OTH	Coal with other fuels and other fuels ACF is less than or equal to 10%	[60.43c(a)(1)]
	F10+OTH	Coal with other fuels and other fuels ACF is greater than 10% (FE)	[60.43c(a)(2)]
	30+WD	Wood ACF greater than 30%	[60.43c(b)(1)]
	F30-WD	Wood ACF less than or equal to 30% (FE)	[60.43c(b)(2)]
	OTHR	Other ACF or no ACF	

**30% Coal Duct Burner:**

Enter YES” if the facility combusts coal in a duct burner as part of a combined cycle system where 30% or less of the heat is from combustion of coal and 70% or more is from exhaust gases entering the duct burner. Otherwise, enter “NO.”

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**Table 4b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Dc: Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units**


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- ★ Complete only if “Construction Date” is “89-05 or 05+” and “Maximum Design Heat Input Capacity” is “10-100.” For SOP applications only.

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Monitoring Type:**

Designate the monitoring options for each pollutant. Select only the type(s) of monitoring applicable under 40 CFR Part 60, Subpart Dc.

**PM:**

Select one of the following monitoring options for particulate matter (PM). Enter the code on the form.

Code	Description
CEMS	Continuous monitoring system for PM and the facility is not subject to a federally enforceable PM limit of 0.030 lb/MMBtu or less
CEMS30	Continuous monitoring system for PM and the facility is subject to a federally enforceable PM limit of 0.030 lb/MMBtu or less
MTH+	Method 5, 5B or 17 sampling
NONE	No particulate monitoring because there is no applicable PM emission limit.

**SO<sub>2</sub> Inlet:**

Select one of the following monitoring options for SO<sub>2</sub> at the control device inlet or outlet of the steam generating unit if no SO<sub>2</sub> control device is used. Enter the code on the form.

Code	Description
ASFRD	Daily as-fired sampling
FLTND	Shipment fuel sampling
MTH6B	Method 6B sampling
FLCRT	Fuel certification (or maintaining receipts)
CEM	Continuous emission monitoring system
NONE	No SO <sub>2</sub> monitoring because there is no applicable SO <sub>2</sub> emission limit



**SO<sub>2</sub> Outlet:**

Select one of the following monitoring options for SO<sub>2</sub> at the control device outlet. Enter the code on the form.

Code	Description
CEM	Continuous emission monitoring system
MTH6B	Method 6B sampling
NONE	No SO <sub>2</sub> monitoring because there is no applicable SO <sub>2</sub> emission limit

**Technology Type:**

Select one of the following technology type options. Enter the code on the form.

Code	Description
FLDBD	Fluidized bed combustion (conventional technology)
DESLF	Flue gas desulfurization service (conventional technology)
EMRG	Emerging technology
NONE	No emerging or conventional technology is used to reduce or control SO <sub>2</sub> emissions
CONV	Other conventional technology

- ★ **Complete “43CE-Option” only if “Construction/Modification Date” is “05+” and “Heat Input Capacity” is “30-75” or “75-100” and “D-Series Fuel Type” includes “DOIL,” “ROIL,” “WD,” “OIL,” “COAL” or “CLR.”**

**43CE-Option:**

Select one of the following § 60.43c(e) PM emission options. Enter the code on the form.

Code	Description
43CE-4	Exemption § 60.43c(e)(4) for a facility that combusts only oil that contains no more than 0.50% by weight sulfur or a mixture of 0.50% by weight sulfur oil with other fuels not subject to a PM standard under § 60.43c and not using a post-combustion technology (except a wet scrubber)
43CE-3	§ 60.43c(e)(3) for a facility that has a heat input capacity of 30 MMBtu/hr or greater and that combusts over 30% wood (by heat input) on an annual basis
43CE-1	§ 60.43c(e)(1) for a facility that combusts coal, oil, wood, a mixture of these fuels, or a mixture of these fuels with any other fuels and has a heat input capacity of 30 MMBtu/hr or greater
43CE-2	§ 60.43c(e)(2) as an alternative § 60.43c(e)(1)

- ★ **Do not complete “47C-Option” if any of the following conditions are met: “Monitoring Type – PM” is “CEMS30”; “D-Series Fuel Type” is “NG” and/or “OTHER”; or “Heat Input Capacity” is “10-” or “10-30.”**

**47C-Option:**

Select one of the following § 60.47c PM (Opacity) options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
47C-AB	§ 60.4c(a) and (b) COMS requirements for a facility combusting coal, oil, or wood that is subject to the opacity standards under § 60.43c
47C-C	COMS exemption § 60.47c(c) for a facility that burns only distillate oil that contains no more than 0.5 weight percent sulfur and/or liquid or gaseous fuels with potential sulfur dioxide emission rates of 26 ng/J (0.060 lb/MMBtu) heat input or less and that do not use a post combustion technology
47C-D	§ 60.47c(d) for a facility that complies with the PM emission limit by using a PM CEMS.
47C-E	COMS exemption § 60.47c(e) for a facility that does not use post-combustion technology (except a wet scrubber), burns only gaseous fuels or fuel oils that contain less than or equal to 0.5 weight percent sulfur, and operated such that emissions of CO discharged are maintained at levels less than or equal to 0.15 lb/MMBtu on a boiler operating day average basis
47C-F	COMS exemption § 60.47c(f) for a facility that uses a bag leak detection system to monitor the performance of a fabric filter (baghouse) according to the most recent requirements in section § 60.48Da
47C-G	COMS exemption § 60.47c(f) for a facility that burns only gaseous fuels or fuel oils that contain less than or equal to 0.5 weight percent sulfur and operates according to a written site-specific monitoring plan approved by the permitting authority

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**Table 5a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas**

- ★ **Complete only for units located at industrial, commercial, and institutional (ICI) major sources of NO<sub>x</sub> as defined in 30 TAC § 117.10, and located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur or Dallas/Fort Worth Eight-Hour ozone nonattainment areas.**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Unit Type:**

Select one of the following options for the type of service. Enter the code on the form.

<b>Code</b>	<b>Description</b>
ICIB-X	Industrial, commercial, or institutional boiler regulated as an existing facility by the EPA at 40 CFR Part 266, Subpart H, as was in effect on June 9, 1993
SULF	Sulfur plant reaction boiler
FCCUB	Fluid catalytic cracking unit boiler (including CO boilers) (Beaumont/Port Arthur ozone nonattainment area only)
CBCOGEN	A cogeneration boiler utilizing heat or fuel from carbon black reactors (Beaumont/Port Arthur ozone nonattainment area)
ICIB	Any other industrial, commercial, or institutional boiler

▼ **Do not continue if “Unit Type” is “SULF,” or “ICIB-X” or if located in the Beaumont/Port Arthur ozone nonattainment area and “Unit Type” is “CBCOGEN.”**

**MRC:**

Select one of the following options for the maximum rated capacity (MRC), as defined in 30 TAC Chapter 117. Enter the code on the form.

For units in GOP applications:

<b>Code</b>	<b>Description</b>
G2-	MRC is less than or equal to 2 MMBtu/hr
G2-40	MRC is greater than 2 MMBtu/hr but less than 40 MMBtu/hr
G40-100	MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr

For units in SOP applications:

For boilers located in the Beaumont/Port Arthur ozone nonattainment area:

<b>Code</b>	<b>Description</b>
40-	MRC is less than 40 MMBtu/hr
40-100	MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr
100-200	MRC is greater than or equal to 100 MMBtu/hr but less than 200 MMBtu/hr
200-250	MRC is greater than or equal to 200 MMBtu/hr but less than 250 MMBtu/hr
250+	MRC is greater than or equal to 250 MMBtu/hr

For boilers located in the Houston/Galveston/Brazoria ozone or the Dallas/Fort Worth Eight-Hour nonattainment areas:

Code	Description
2-	MRC is less than or equal to 2 MMBtu/hr
2-40	MRC is greater than 2 MMBtu/hr but less than 40 MMBtu/hr
40-100	MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr
100-200	MRC is greater than or equal to 100 MMBtu/hr but less than 200 MMBtu/hr
200-250	MRC is greater than or equal to 200 MMBtu/hr but less than 250 MMBtu/hr
250+	MRC is greater than or equal to 250 MMBtu/hr

- ▼ **Do not continue if located in the Beaumont/Port Arthur ozone nonattainment area and “MRC” is “G2-” or “G2-40” for GOP applications; or “40-” for SOP applications.**
- ▼ **Do not continue if located in the Houston/Galveston/Brazoria or the Dallas/Fort Worth Eight-Hour ozone nonattainment areas and “MRC” is “G2-” for GOP applications; or “2-” for SOP applications.**
- ★ **Complete “RACT Date Placed in Service” only if located in the Beaumont/Port Arthur ozone nonattainment area.**

**RACT Date Placed in Service:**

Select one of the following options for the date the unit was placed in service. Enter the code on the form.

Code	Description
92-	On or before November 15, 1992
92-93	After November 15, 1992, and on or before June 9, 1993
93-FCD	After June 9, 1993, and before the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020
FCD+	On or after the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020

- ★ **Complete “Functionally Identical Replacement” only if “RACT Date Placed in Service” is “93-FCD.”**

**Functionally Identical Replacement:**

Select one of the following options to identify if the unit is a functionally identical replacement for a unit or group of units that were in service on or before November 15, 1992. Enter the code on the form.

Code	Description
YES	Unit is a functionally identical replacement
NO	Unit is not a functionally identical replacement

- ▼ **Do not continue if located in the Beaumont/Port Arthur ozone nonattainment area and “RACT Date Placed in Service” is “92-93” or “FCD+”; or “RACT Date Placed in Service” is “93-FCD” and “Functionally Identical Replacement” is “NO.”**

**Fuel Type:**

Select one of the following options for fuel type. Enter the code on the form.

Code	Description
NG	Natural Gas (GOP applicants for GOPs 511, 512, 513 and 514 must select this option, other applicants may select this option)
GS	Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases (refinery gas or mixtures, etc.)
LFG	Landfill Gas
ORG	Renewable non-fossil fuel gas other than landfill gas
LQD	Liquid
WD	Wood
COKE	Coke (Houston/Galveston/Brazoria ozone Eight-Hour nonattainment areas only)
RICE	Rice Hull (Houston/Galveston/Brazoria ozone Eight-Hour nonattainment areas only)

If a fuel-firing option consists of multiple fuel types being combusted simultaneously, enter the fuel type code for each fuel in a separate column on the same line, with a single SOP index number. If there are more than three fuels being combusted simultaneously, use multiple lines, and start each line with a different SOP index number. Start each additional fuel-firing option on a different line with a different SOP index number. If multiple fuels that use the same code are simultaneously combusted, then enter the code once for each fuel (See Fuel-firing Option C: for an example of multiple types of liquid fuel fired simultaneously).

*Example:*

Fuel-firing Option A

Fuel-firing Option B

Fuel-firing Option C

SOP Index No.	Fuel Type	Fuel Type	Fuel Type
R7ICI-I	GS	LQD	WD
R7ICI-2A	GS	LQD	WD
R7ICI-2B	H50-A		
R7ICI-3	LQD	LQD	

★ **Complete “Annual Heat Input” only if application type is SOP.**

**Annual Heat Input:**

Select one of the following options for the annual heat input. Enter the code on the form.

For units with a “MRC” designation of “40-100:”

Code	Description
28-	Annual Heat Input is less than or equal to 2.8 (10 <sup>11</sup> ) Btu/yr, based on rolling 12-month average (Low annual capacity factor boilers)
28+	Annual Heat Input is greater than 2.8 (10 <sup>11</sup> ) Btu/yr, based on rolling 12-month average

For units with a “MRC” designation of “100-200,” “200-250,” or “250+:”

Code	Description
22-	Annual Heat Input is less than or equal to 2.2 (10 <sup>11</sup> ) Btu/yr, based on rolling 12-month average (Low annual capacity factor boilers)
22+	Annual Heat Input is greater than 2.2 (10 <sup>11</sup> ) Btu/yr, based on rolling 12-month average

**Table 5b:** Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas

▼ Continue only if one of the following conditions is met:

- “Unit Type” is “ICIB-X” or “FCCUB,” and the unit is located in the Beaumont/Port Arthur ozone nonattainment area and the unit is to be included in the Alternative Plant-wide Emission Specifications or Source Cap as an Opt-in Unit, or the “Unit Type” is “ICIB” and the unit is located in the Beaumont/Port Arthur or Dallas/Fort Worth Eight-Hour ozone nonattainment areas
- Unit is located in the Houston/Galveston/Brazoria

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**NO<sub>x</sub> Emission Limitation:**

Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable emission specifications. Select one of the following options. Enter the code on the form.

For GOP applications

Code	Description
X03B	Title 30 TAC §§ 117.103(b)(1) or 117.303(b)(1) exemption (for all GOP boilers potentially subject to RACT)
103A	Title 30 TAC § 117.103(a)(2) exemption (use for boilers located in the Beaumont/Port Arthur ozone nonattainment area and rated less than 40 MMBtu/hr, may be used for exemption from both RACT and ESAD requirements)
103C	Title 30 TAC § 117.103(c) exemption (use for boilers located in the Beaumont/Port Arthur ozone nonattainment area rated greater than 40 MMBtu/hr and qualifies as a low annual capacity boiler under 30 TAC § 117.103(b)(2), use for exemption from ESAD requirements)
110A	Title 30 TAC § 117.110(a)(1) (use for boilers located in the Beaumont/Port Arthur ozone nonattainment area and rated greater than 40 MMBtu/hr and does not qualify as a low annual capacity boiler, for ESAD applicability.)
310A	Title 30 TAC § 117.310(a) (use for boilers located in the Houston/Galveston/Brazoria ozone nonattainment area)
410A	Title 30 TAC § 117.410(a) (use for boilers located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area)

For SOP applications

For boilers located in the Beaumont/Port Arthur ozone nonattainment area:

<b>Code</b>	<b>Description</b>
105	Title 30 TAC § 117.105 (relating to Emission Specifications for Reasonably Available Control Technology)
110A	Title 30 TAC § 117.110(a) (use for boilers located in the Beaumont/Port Arthur ozone nonattainment area and rated greater than 40 MMBtu/hr and does not qualify as a low annual capacity unit.)
APES	Unit is complying with an Alternative Plant-wide Emissions Specification under Title 30 TAC § 117.115
ACSS	Unit is complying with an Alternative Case-specific Specification under Title 30 TAC § 117.125
SC	Unit is complying with a Source Cap under Title 30 TAC § 117.123

For boilers located in the Houston/Galveston/Brazoria ozone nonattainment area:

<b>Code</b>	<b>Description</b>
310D	Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in Chapter 101, Subchapter H: Division 3 and Emission Specifications for Attainment Demonstration]
ACF	Boiler is complying with an annual capacity factor specification under Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(17)

For boilers located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area:

<b>Code</b>	<b>Description</b>
410A	Title 30 TAC § 117.410(a) (use for boilers located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area)
ACF	Boiler is complying with an annual capacity factor specification under Title 30 TAC § 117.410(a)(14)
SC	Unit is complying with a Source Cap under Title 30 TAC § 117.423
405A	Title 30 TAC § 117.405(a) (use for wood-fired boilers located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area)

▼ **Continue only if application type is SOP.**

- ★ **Complete “Opt-in Unit” only if the site is located in the Beaumont-Port Arthur ozone nonattainment area and “Emission Limitation” is “APES” or “SC.”**

**Opt-In Unit:**

Enter “YES” if the unit is an opt-in unit listed in 30 TAC § 117.115(f) that the owner or operator has chosen to include into the Plant-wide emission or Source Cap to comply with § 117.105 or § 117.110 (for FCCU Unit Type only). Otherwise, enter “NO.”

- ★ **Complete “23C-Option” only if “NO<sub>x</sub> Emission Limitation” is “SC.”**

**23C-Option:**

Select one of the following § 117.123(c)(1) or 423(c)(1) options for monitoring. Enter the code on the form.

Code	Description
23C-A	NO <sub>x</sub> , CO, O <sub>2</sub> (or CO <sub>2</sub> ) CEMS and a totalizing fuel flow meter per § 117.123(c)(1)(A) or § 117.423(c)(1)(A).
23C-B	PEMS and a totalizing fuel flow meter per § 117.123(c)(1)(B) or § 117.423(c)(1)(B).
23C-C	Rate measured by hourly emission rate testing per § 117.123(c)(1)(C) or § 117.423(c)(1)(C).

★ **Complete “30 TAC Chapter 116 Permit Limit” only if “NO<sub>x</sub> Emission Limitation” is “105.”**

**30 TAC Chapter 116 Permit Limit:**

Select one of the following options for 30 TAC Chapter 116 permit limit. Enter the code on the form.

For units with a 30 TAC Chapter 116 permit in effect on June 9, 1993:

Code	Description
93Y	NO <sub>x</sub> emission limit in 30 TAC § 117.105 is greater than the NO <sub>x</sub> emission limit in a 30 TAC Chapter 116 permit
93N	NO <sub>x</sub> emission limit in 30 TAC § 117.105 is not greater than the NO <sub>x</sub> emission limit in a 30 TAC Chapter 116 permit

For units placed in service after June 9, 1993, and prior to the final compliance date of 30 TAC § 117.9000 as a functionally identical replacement for an existing unit or group of units and limited to the cumulative MRC of the units replaced:

Code	Description
95Y	Emission limit in 30 TAC § 117.105 is greater than the NO <sub>x</sub> emission limit in any 30 TAC Chapter 116 permit issued after June 9, 1993
95N	Emission limit in 30 TAC § 117.105 is not greater than the NO <sub>x</sub> emission limit in any 30 TAC Chapter 116 permit issued after June 9, 1993

For existing units without a 30 TAC Chapter 116 permit in effect on June 9, 1993, or for units placed in service after the final compliance date of 30 TAC § 117.9000 as a functionally identical replacement for an existing unit or group of units and limited to the cumulative MRC of the units replaced:

Code	Description
N/A	NO <sub>x</sub> emission limit in 30 TAC § 117.105 applies for purposes of 30 TAC Chapter 117

★ **Complete “EGF System Cap Unit” only if located in the Houston/Galveston/Brazoria ozone nonattainment area.**

**EGF System Cap Unit:**

Enter “YES” if the unit is used as an electric generating facility to generate electricity for sale to the electric grid. Otherwise, enter “NO.”

Units with electric output entirely dedicated to industrial customers or that generate electricity primarily for internal use are not considered as electric generating facilities generating electricity for sale to the electric grid and are not subject to the system cap requirements of 30 TAC § 117.320. “Entirely dedicated” may include up to two weeks per year of service to the electric grid when the industrial customer’s load sources are not operating. Units generating electricity primarily for internal use are those that have previously or will transfer generated electricity to a utility power distribution system at a rate less than 3.85% of actual electrical generation.



**NO<sub>x</sub> Emission Limit Average:**

Select one of the following options for the NO<sub>x</sub> emission limit. Enter the code on the form.

Code	Description
30DAY	Comply with the applicable emission limit in pounds/MMBtu on a rolling 30-day average
30/24	Emission limit in pounds/MMBtu on a rolling 30-day and 24-hour average
BLK1-LB	Comply with the applicable emission limit using block one-hour average
PPMV	Emission limit in parts per million by volume (ppmv)
OTHER	Other emission limit basis

**NO<sub>x</sub> Reduction:**

Select one of the following NO<sub>x</sub> reduction options. Enter the code on the form.

Code	Description
FRCFG	Forced flue gas recirculation
INDFG	Induced flue gas recirculation
WATER	Water or steam injection
POST1	Post combustion control technique with ammonia or urea injection
POST2	Post combustion control technique with chemical reagent injection other than ammonia or urea
OTHER	Other NO <sub>x</sub> reduction method
NONE	No NO <sub>x</sub> reduction

- ★ **Complete “Common Stack Combined” only if the unit is located in the Beaumont/Port Arthur ozone nonattainment area**

**Common Stack Combined:**

Enter “YES” if the unit is vented through a common stack; the total rated heat input from combined units is greater than or equal to 250 MMBtu/hr and the annual combined heat input is greater than 2.2 (10<sup>11</sup>) Btu/yr. Otherwise, enter “NO.”

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**Table 5c: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

- ★ **Complete “Fuel Type Heat Input” only if “NO<sub>x</sub> Emission Limitation” is “APES.”**

**Fuel Type Heat Input:**

Select one of the following options for the annual heat input. Enter the code on the form.

Code	Description
GAS50	Boiler is fired with gaseous and liquid fuel, and derives more than 50% annual heat input from gaseous fuel
LIQ50	Boiler is fired with gaseous and liquid fuel, and derives more than 50% annual heat input from liquid fuel
SOLID	Boiler is fired with a combination of gaseous (or liquid) and solid fuels
NONE	Boiler is fired with none of the above combinations

*Note: Boilers that derive exactly 50% annual heat input from gaseous fuel and 50% from liquid fuel may choose either GAS50 or LIQ50.*

**NOx Monitoring System:**

Select one of the following monitoring system options. Enter the code on the form.

Code	Description
75ARC	Acid rain affected unit subject to continuous emissions monitoring requirements of 40 CFR Part 75
75ARP	Acid rain affected unit subject to predictive emissions monitoring requirements of 40 CFR Part 75
CEMS	Continuous emissions monitoring system
PEMS	Predictive emissions monitoring system
MERT	Maximum emissions rate testing

**Fuel Flow Monitoring:**

Select one of the following options to indicate how fuel flow is monitored. Enter the code on the form.

Code	Description
X40A	Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a)
X40A2-A	Unit operates with a NOx and diluent CEMS and monitors stack exhaust flow per 30 TAC §§ 117.140(a)(2)(A), 117.340(a) (2)(A) or 117.440(a) (2)(A)
X40A2-B	Unit vents to a common stack with a NOx and diluent CEMS and uses a single totalizing fuel flow meter per 30 TAC §§ 117.140(a)(2)(B), 117.340(a) (2)(B) or 117.440(a) (2)(B)

▼ Do not continue if “Opt-in Unit” is “YES.”

**CO Emission Limitation:**

Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable CO emission specifications of 30 TAC Chapter 117, Subchapter B. Select one of the following options. Enter the code on the form.

For boilers located in the Beaumont/Port Arthur ozone nonattainment area:

<b>Code</b>	<b>Description</b>
105F	Title 30 TAC § 117.105(f) [relating to Emissions Specifications for Reasonably Available Control Technology (use for unit's subject to RACT in the Beaumont/Port Arthur ozone nonattainment area.)
110C	Title 30 TAC § 117.110(c)(1) [relating to Emission Specifications for Attainment Demonstration] (use for unit's subject to ESAD requirements in the Beaumont/Port Arthur ozone nonattainment area)
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC § 17.125(a)

For boilers located in the Houston/Galveston/Brazoria ozone nonattainment area:

<b>Code</b>	<b>Description</b>
310C	Title 30 TAC § 117.310(c)(1) 400 ppmv option
310CPPMV	Title 30 TAC § 117.310(c)(1) 775 ppmv option for wood-fuel-fired boilers
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC § 117.325(a)

For boilers located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area:

<b>Code</b>	<b>Description</b>
410C	Title 30 TAC § 117.410(c)(1) [relating to Emission Specifications for Attainment Demonstration] (use for unit's subject to ESAD requirements in the Dallas/Fort Worth Eight-Hour ozone nonattainment area.)
405D	Title 30 TAC § 117.405(d)(1) [use for wood fired units subject to Reasonably Available Control Technology (RACT) requirements]
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC § 117.425(a)

**CO Monitoring System:**

Select one of the following options to indicate how the unit is monitored for CO exhaust emissions. Enter the code on the form.

<b>Code</b>	<b>Description</b>
CEMS	Continuous emissions monitoring system
PEMS	Predictive emissions monitoring system
OTHER	Other than CEMS or PEMS

▼ **Continue only if “NO<sub>x</sub> Reduction” is “POST1.”**

**NH<sub>3</sub> Emission Limitation:**

Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable NH<sub>3</sub> emission specifications of 30 TAC Chapter 117. Select one of the following options. Enter the code on the form.

For boilers located in the Beaumont/Port Arthur ozone nonattainment area:

<b>Code</b>	<b>Description</b>
105G	Title 30 TAC § 117.105(g) [relating to Emission Specifications for Reasonably Available Control Technology]
110C	Title 30 TAC § 117.110(c)(2) [relating to Emission Specifications for Attainment Demonstration]
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC § 117.125(a).

For boilers located in the Houston/Galveston/Brazoria ozone nonattainment area:

<b>Code</b>	<b>Description</b>
310C	Title 30 TAC § 117.310(c)(2) [relating to Emission Specifications for Attainment Demonstration]
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC § 117.325(a)

For boilers located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area:

<b>Code</b>	<b>Description</b>
410C	Title 30 TAC § 117.410(c)(2) [relating to Emission Specifications for Attainment Demonstration]
405D	Title 30 TAC § 117.405(d)(2) [use for wood fired units subject to Reasonably Available Control Technology (RACT) requirements]
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC § 117.425.

*Note: If using some other alternative, such as an alternate reasonably available control technology, alternate means of control, or emission reduction credit, the type of alternate used will need to be explained in a cover letter or some other attachment to the permit application.*

**NH<sub>3</sub> Monitoring:**

Select one of the following options to indicate how the unit is monitored for NH<sub>3</sub> emissions. Enter the code on the form.

<b>Code</b>	<b>Description</b>
CEMS	Continuous emissions monitoring system
PEMS	Predictive emissions monitoring system
MBAL	Mass balance
OXY	Oxidation of ammonia to nitric oxide (NO)
STUBE	Stain tube

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**Table 6a:** Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter C:  
Combustion Control at Major Utility Electric Generation Sources in Ozone Nonattainment Areas

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★ Complete Tables 6a and 6b only for utility boilers or auxiliary steam boilers that are:

- included in an SOP application;
- used in an electric power generating system owned or operated by an electric cooperative, municipality, river authority, public utility, or a Public Utility Commission (PUC) of Texas regulated utility or any of their successors; and
- located within the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour ozone nonattainment areas.

The Dallas/Fort Worth Eight-Hour ozone nonattainment area consists of Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, and Tarrant counties.

Sites located in Parker County have applicability under both 30 TAC Chapter 117, Subchapter C: Division 4 and under 30 TAC Chapter 117, Subchapter E: Division 1: Utility Electric Generation in East and Central Texas and should complete both Tables 6a - 6b and Tables 9a - 9c to determine requirements.

Independent power producers in Parker County are subject only to the requirements of 30 TAC Chapter 117, Subchapter E: Division 1: Utility Electric Generation in East and Central Texas and should complete only Tables 9a - 9c.

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Date Placed in Service:**

Select one of the following options for the date the unit was placed in service. Enter the code on the form.

Code	Description
92-	On or before November 15, 1992
92-93	After November 15, 1992, and on or before June 9, 1993
93-FCD	After June 9, 1993, and before the final compliance date in 30 TAC §§ 117.9100 or 117.9120
FCD+	On or after the final compliance date in 30 TAC §§ 117.9100 or 117.9120

★ Complete “Functionally Identical Replacement” only if “Date Placed in Service” is “92-93,” or “93-FCD,” or “FCD+” and located in Beaumont/Port Arthur ozone nonattainment area.

**Functionally Identical Replacement:**

Select one of the following codes to identify if the unit is a functionally identical replacement for a unit or group of units. Enter the code on the form.

Code	Description
YES	Unit is a functionally identical replacement
NO	Unit is not a functionally identical replacement

**Annual Heat Input:**

Select one of the following options for the annual heat input. Enter the code on the form.

Code	Description
22-	Annual heat input is less than or equal to 2.2 (10 <sup>11</sup> ) Btu/yr
22+	Annual heat input is greater than 2.2 (10 <sup>11</sup> ) Btu/yr

**Service Type:**

Select one of the following options for the type of service. Enter the code on the form.

Code	Description
UTIL	Utility boiler (other than peaking service)
AUX-D	Auxiliary boiler that is an affected facility under 40 CFR Part 60, Subpart D, Db, or Dc
AUX	Auxiliary boiler that is not an affected facility under 40 CFR Part 60, Subpart D, Db, or Dc

- ▼ Continue if “Annual Heat Input” is “22+,” and “Date Placed in Service” is “92-”; or “Date Placed in Service” is “93-FCD” and “Functionally Identical Replacement” is “YES.”

**Fuel Type:**

Select one of the following options for fuel type. Enter the code on the form.

Code	Description
NG	Natural gas (gaseous)
CL	Coal
FO	Fuel oil (liquid)
WST	Waste oil (liquid)

If a fuel-firing option consists of multiple fuel types being combusted simultaneously, enter the 30 TAC Chapter 117 fuel type code for each fuel in a separate column on the same line, with a single SOP index number. If there are more than three fuels being combusted simultaneously, use multiple lines, and start each line with a different SOP index number. Start each additional fuel-firing option on a different line with a different SOP index number. If multiple fuels that use the same code are simultaneously combusted, then enter the code once for each fuel (See Fuel-firing Option C: for an example of multiple types of fuel oil fired simultaneously).

*Example:*

Fuel-firing Option A

Fuel-firing Option B

Fuel-firing Option C

SOP Index No.	Fuel Type	Fuel Type	Fuel Type
R7UT-1	NG	CL	
R7UT-2A	NG	CL	FO
R7UT-3	NG	FO	FO

- ★ **Complete “RACT NO<sub>x</sub> Emission Limitation” only if the site is located in the Beaumont/Port Arthur ozone nonattainment area and “Service Type” is “AUX” or “AUX-D.”**

**RACT NO<sub>x</sub> Emission Limitation:**

Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable NO<sub>x</sub> limitation standards listed in 30 TAC § 117.1005. Select one of the following options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
X05	Title 30 TAC § 117.1005 [relating to Emission Specifications for Reasonably Available Control Technology]
ACSS	Title 30 TAC § 117.1025, [relating to Alternative Case Specific Specifications]

*Note: If using some other alternative, such as an alternate reasonably available control technology, alternate means of control, or emission reduction credit, the type of alternate used will need to be explained in a cover letter or some other attachment to the permit application.*

- ★ **Complete “ESAD NO<sub>x</sub> Emission Limitation” only if “RACT NO<sub>x</sub> Emission Limitation” was NOT completed.**

**ESAD NO<sub>x</sub> Emission Limitation:**

Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable NO<sub>x</sub> limitation standards listed in 30 TAC §§ 117.1010, 117.1210, or 117.1310. Select one of the following options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
X10	Title 30 TAC §§ 117.1010 or 117.1310 [relating to Emission Specifications for Attainment Demonstration]
SC	Title 30 TAC § 117.1020 [relating to System Cap]
1201-	Unit complying with any applicable permit limit in a permit issued before January 2, 2001, in lb/MMBtu heat input as specified in § 117.1220 [relating to System Cap] and 30 TAC Chapter 101, Subchapter H: Division 3
1201+	Unit complying with any applicable permit limit in a permit issued on or after January 2, 2001, that the owner or operator submitted an application determined to be administratively complete by the E.D. before January 2, 2001, in lb/MMBtu heat input as specified in § 117.1220 [relating to System Cap] and 30 TAC Chapter 101, Subchapter H: Division 3
12PBR	Unit complying with any applicable permit limit in a permit by rule under which construction commenced by January 2, 2001, that the owner or operator submitted an application determined to be administratively complete by the E.D. before January 2, 2001, in lb/MMBtu heat input as specified in § 117.1220 [relating to System Cap] and 30 TAC Chapter 101, Subchapter H: Division 3
1210	Title 30 TAC § 117.1210 [relating to Emission Specifications for Attainment Demonstration] (not complying with any above emission specifications)

- ★ **Complete “EGF” only if located in the Houston/Galveston/Brazoria ozone nonattainment area.**

**EGF:**

Enter “YES” if the unit meets the definition of an electric generating facility (EGF). Otherwise, enter “NO.”

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**Table 6b:**      **Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter C:  
Combustion Control at Major Utility Electric Generation Sources in Ozone Non-Attainment Areas**

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**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

- ★ **Complete “Fuel Firing Option” only if the site is located in the Houston/Galveston/Brazoria ozone nonattainment area and “ESAD NO<sub>x</sub> Emission Limitation” is “1210” and “Service Type” is “UTIL.”**

**Fuel Firing Option:**

Title 30 TAC Chapter 117 provides two methods to be in compliance with the applicable NO<sub>x</sub> limitation standards listed in 30 TAC § 117.1210(a)(1)(B). Select one of the following options. Enter the code on the form.

Code	Description
WALL	Wall-fired
TANG	Tangential fired

- ★ **Complete “ESAD NO<sub>x</sub> Emission Limitation for DFW 8-Hour” only if the site is located in the Dallas/Fort Worth Eight Hour ozone nonattainment area and “ESAD NO<sub>x</sub> Emission Limitation” is “X10” and “Service Type” is “UTIL.”**

**ESAD NO<sub>x</sub> Emission Limitation for DFW 8-Hour:**

Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable NO<sub>x</sub> limitation standards listed in 30 TAC § 117.1310. Select one of the following options. Enter the code on the form.

Code	Description
SMALL	Unit part of a small utility system as defined in § 117.10
ANNUAL	Unit calculating emissions on an annual average basis lb/MW-hr
LRG-SW	Unit part of a large utility system calculating emissions on a system-wide heat input weighted average basis
LRG	Unit part of a large utility system not calculating emissions on a system-wide heat input weighted average basis.



**NO<sub>x</sub> Monitoring System:**

Select one of the following monitoring system options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
75-E	Monitoring operating parameters in accordance with 40 CFR Part 75, Appendix E
CEMS	Continuous emission monitoring system
PEMS	Predictive emission monitoring system in accordance with 30 TAC §§ 117.1040(f), 117.1240(g) or 117.1340(g)
1HR	Monitoring operating parameters using the maximum block 1-hour emission rate as measured by the 30-day test
NONE	Not using any of the above options

- ★ **Complete “Title 30 TAC Chapter 116 Permit Limit” only if in the Beaumont/Port Arthur ozone nonattainment area, “RACT NO Emission Limitation” is “X05” and the unit is an auxiliary steam boiler.**

**Title 30 TAC Chapter 116 Permit Limit:**

Select one of the following descriptions of the 30 TAC Chapter 116 permit limit. Enter the code on the form.

<b>Code</b>	<b>Description</b>
82Y	Emission limit in a 30 TAC Chapter 116 permit issued after March 3, 1982, is equal to 0.12-pound NO <sub>x</sub> per MMBtu heat input

For units having a 30 TAC Chapter 116 permit in effect on June 9, 1993:

<b>Code</b>	<b>Description</b>
93Y	NO <sub>x</sub> emission limit in 30 TAC § 117.1005 is greater than the NO <sub>x</sub> emission limit in a 30 TAC Chapter 116 permit
93N	NO <sub>x</sub> emission limit in 30 TAC § 117.1005 is not greater than the NO <sub>x</sub> emission limit in a 30 TAC Chapter 116 permit

For units placed into service after June 9, 1993, and prior to the final compliance date in 30 TAC § 117.9100, as functionally identical replacement for an existing unit or group of units and limited to the cumulative maximum rated capacity of the units replaced:

<b>Code</b>	<b>Description</b>
95Y	Emission limit in 30 TAC § 117.1005 is greater than the NO <sub>x</sub> emission limit in any 30 TAC Chapter 116 permit issued after June 9, 1993
95N	Emission limit in 30 TAC § 117.1005 is not greater than the NO <sub>x</sub> emission limit in any 30 TAC Chapter 116 permit issued after June 9, 1993

**CO Emission Limitation:**

Title 30 TAC Chapter 117 provides options to be in compliance with the applicable CO emission specifications of 30 TAC Chapter 117, Subchapter C. Select one of the following options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
1005	Title 30 TAC § 117.1005(h) [relating to Emission Specifications for Reasonably Available Control Technology] (use for boilers located in the Beaumont/Port Arthur ozone nonattainment area)
1010	Title 30 TAC § 117.1010(b)(1) [relating to Emission Specifications for Attainment Demonstration] (use for boilers located in the Beaumont/Port Arthur ozone nonattainment area)
1210	Title 30 TAC § 117.1210(b)(1) [relating to Emission Specifications for Attainment Demonstration] (use for boilers located in the Houston/Galveston/Brazoria ozone nonattainment area)
1310	Title 30 TAC § 117.1310(b)(1)(A) [relating to Emission Specifications for Eight-Hour Attainment Demonstration] (use for boilers located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area)
ACSS	Unit is complying with an Alternative Case Specific Specifications under 30 TAC §§ 117.1025, 117.1225 or 117.1325

**CO Monitoring System:**

Select one of the following monitoring system options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
CEMS	Continuous emission monitoring system
PEMS	Predictive emission monitoring system in accordance with 30 TAC §§ 117.1040(f), 117.1240(g) or 117.1340(g)
NONE	Not using CEMS or PEMS

**Ammonia Use:**

Enter “YES” if urea or ammonia injection is used to control NO<sub>x</sub> emissions. Otherwise, enter “NO.”

▼ Continue only if “Ammonia Use” is “YES.”

**NH<sub>3</sub> Emission Limitation:**

Title 30 TAC Chapter 117 provides two methods to be in compliance with the applicable NH<sub>3</sub> limitation standards listed in 30 TAC Chapter 117, Subchapter C. Select one of the following options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
1005	Title 30 TAC § 117.1005(j) [relating to Emission Specifications for Reasonably Available Control Technology] (use for boilers located in the Beaumont/Port Arthur ozone nonattainment area)
1010	Title 30 TAC § 117.1010(b)(2) [relating to Emission Specifications for Attainment Demonstration] (use for boilers located in the Beaumont/Port Arthur ozone nonattainment area)
1210	Title 30 TAC § 117.1210(b)(2) [relating to Emission Specifications for Attainment Demonstration] (use for boilers located in the Houston/Galveston/Brazoria ozone nonattainment area)
1310	Title 30 TAC § 117.1310(b)(2) [relating to Emission Specifications for Eight-Hour Attainment Demonstration] (use for boilers located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area)
ACSS	Unit is complying with an Alternative Case Specific Specification under 30 TAC §§ 117.1025, 117.1225 or 117.1325

**NH<sub>3</sub> Monitoring System:**

Select one of the following monitoring system options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
CEMS	Continuous emission monitoring system
PEMS	Predictive emission monitoring system in accordance with 30 TAC §§ 117.1040(f), 117.1240(g) or 117.1340(g)
NONE	Not using CEMS or PEMS

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**Table 7: Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 112), Subchapters A–D: Control of Air Pollution from Sulfur Compounds**

★ **Complete only for units combusting liquid fuel or solid fossil fuel. Complete only for SOP applications.**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at

[www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Fuel Type:**

Select one of the following options for the fuel type as it pertains to 30 TAC Chapter 112. Enter the code on the form.

For units located in Harris or Jefferson County:

Code	Description
SLD-HJ	Solid fossil fuel
LQD+3	Liquid fuel with a sulfur content greater than 0.3% by weight
LQD-3	Liquid fuel with a sulfur content less than or equal to 0.3% by weight

For units located in other counties:

Code	Description
SLD	Solid fossil fuel
LQD	Liquid fuel

- ★ **Complete “Date of Operation” only for units located in Milam County and with “Fuel Type” designation of “SLD.”**

**Date of Operation:**

Select one of the following options for the date of operation. Enter the code on the form.

Code	Description
55-	Began operation before January 1, 1955
55+	Began operation on or after January 1, 1955

**Heat Input:**

Select one of the following options for the design heat input. Enter the code on the form.

For units with “Fuel Type” designation of “SLD” or “SLD-HJ:”

Code	Description
250S-	Design heat input is less than or equal to 250 MMBtu/hr
25-15H	Design heat input is greater than 250 MMBtu/hr but less than or equal to 1500 MMBtu/hr
15H+	Design heat input is greater than 1500 MMBtu/hr

For units with “Fuel Type” designation of “LQD,” “LQD+3,” or “LQD-3:”

Code	Description
250L-	Design heat input is less than or equal to 250 MMBtu/hr
250+	Design heat input is greater than 250 MMBtu/hr

- ★ **Complete “Control Equipment” only if “Heat Input” is “25-15H,” “15H+,” or “250+.”**

**Control Equipment:**

Select one of the following options for SO<sub>2</sub> control equipment. Enter the code on the form.

Code	Description
SO <sub>2</sub>	Unit equipped with SO <sub>2</sub> control equipment
NONE	Unit not equipped with SO <sub>2</sub> control equipment

★ **Complete “FCAA § 412(c)” only if “Control Equipment” is “SO<sub>2</sub>.”**

**FCAA § 412(c):**

Enter “YES” if the unit is subject to the Federal Clean Air Act § 412(c) [FCAA § 412(c)] as amended in 1990. Otherwise, enter “NO.”

★ **Complete “Stack Height” only if “Fuel Type” is “LQD,” “LQD+3,” or “LQD-3.”**

**Stack Height:**

Enter “YES” if the effective stack height is less than the standard effective stack height for each stack to which the unit routes emissions. Otherwise, enter “NO.”

**Table 8a: Title 30 Texas Administrative Code Chapter 113 (30 TAC Chapter 113), Subchapter D:  
Hospital/Medical/Infectious Waste Incinerators**

★ **Complete this table only for an existing hospital/medical/infectious waste incinerator (HMIWI) as defined in 30 TAC § 113.2070.**

**Unit ID No.:**

Enter the identification number (ID No.) for the boiler (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information, relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at

[www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Construction Date:**

Select one of the following options that describe the date of commencement of the most recent construction. Enter the code on the form.

Code	Description
-96	On or before June 20, 1996
+96	After June 20, 1996

▼ **Continue only if “Construction Date” is “-96.”**

**Combustor Type:**

Enter "YES" if the HMIWI unit meets one of the combustor types specified in Table 1 of 30 TAC § 113.2070. Otherwise, enter "NO."

★ **Complete "Type of Waste" and "Co-Fired Combustor" only if "Combustor Type" is "YES."**

**Type of Waste:**

Enter "YES" if the boiler is burning only pathological waste, low-level radioactive waste, and/or chemotherapeutic waste. Otherwise, enter "NO."

**CO-Fired Combustor:**

Enter "YES" if the boiler is a co-fired combustor as defined in 30 TAC § 113.2070. Otherwise, enter "NO."

▼ **Continue only if "Combustor Type" is "NO."**

**HMIWI Size:**

Enter "YES" if the incinerator is a small remote HMIWI as defined in 30 TAC § 113.2070. Otherwise, enter "NO."

▼ **Continue only if "HMIWI SIZE" is "YES."**

**Control Device:**

Enter "YES" if the boiler is equipped with a dry scrubber followed by a fabric filter, a wet scrubber, or a dry scrubber followed by both a fabric filter and a wet scrubber. Otherwise, enter "NO."

**PM CEMS:**

Enter "YES" if the incinerator uses a continuous emissions monitoring system (CEMS) to demonstrate compliance with the PM emission limit. Otherwise, enter "NO."

**Opacity Monitoring:**

Select one of the following options that describe the method used to demonstrate compliance with the opacity emission limit. Enter the code on the form.

<b>Code</b>	<b>Description</b>
COMS	Continuous opacity monitoring system
EQUIV	Equivalent opacity monitor approved by the EPA Administrator
NONE	No opacity monitoring system

**Approved Equivalent ID No.:**

If an equivalent opacity monitor has been approved, then enter the corresponding equivalent opacity monitor unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the equivalent opacity monitor approval letter. The unique identifier and/or the date of the approval letter is contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

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**Table 8b: Title 30 Texas Administrative Code Chapter 113 (30 TAC Chapter 113), Subchapter D: Hospital/Medical/Infectious Waste Incinerators**

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**Unit ID No.:**

Enter the identification number (ID No.) for the incinerator (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Commercial Unit:**

Enter “YES” if the unit has a commercial medical waste incinerator, or if it burns more than 200 lbs/hr of hospital waste or medical/infectious waste. Otherwise, enter “NO.”

**CO Monitoring:**

Select one of the following options that describe the method used to demonstrate compliance with the CO emission limit. Enter the code on the form.

Code	Description
CEMS	Continuous emission monitoring system (CEMS)
EQUIV	Equivalent CO monitor approved by the EPA Administrator
NONE	No CO monitoring system

**Approved Equivalent ID No.:**

If an equivalent CO monitor has been approved, then enter the corresponding equivalent CO monitor unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the equivalent CO monitor approval letter. The unique identifier and/or the date of the approval letter is contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

**Dioxins/Furans CEMS:**

Enter “YES” if the incinerator uses a continuous emissions monitoring system (CEMS) to demonstrate compliance with the dioxins/furans emission limit. Otherwise, enter “NO.”

**Toxic Equivalent Method:**

Enter “YES” if the toxic equivalent quantity method as described in 30 TAC § 113.2075(a)(1)(F) is used to determine compliance with the dioxins/furans emission limit. Otherwise, enter “NO.”

**HCL CEMS:**

Enter “YES” if the incinerator uses a continuous emissions monitoring system (CEMS) to demonstrate compliance with the HCL emission limit. Otherwise, enter “NO.”

**HCL Percentage Reduction Method:**

Enter “YES” if the percentage reduction method as described in 30 TAC § 113.2075(a)(1)(G) is used to determine compliance with the HCL emission limit. Otherwise, enter “NO.”

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**Table 8c: Title 30 Texas Administrative Code Chapter 113 (30 TAC Chapter 113), Subchapter D: Hospital/Medical/Infectious Waste Incinerators**

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**Unit ID No.:**

Enter the identification number (ID No.) for the incinerator (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Pb CEMS:**

Enter “YES” if the incinerator uses a continuous emissions monitoring system (CEMS) to demonstrate compliance with the Pb emission limit. Otherwise, enter “NO.”

**Pb Percentage Reduction Method:**

Enter “YES” if the percentage reduction method as described in 30 TAC § 113.2075(a)(1)(G) is used to determine compliance with the Pb emission limit. Otherwise, enter “NO.”

**Cd CEMS:**

Enter “YES” if the incinerator uses a continuous emissions monitoring system (CEMS) to demonstrate compliance with the Cd emission limit. Otherwise, enter “NO.”

**Cd Percentage Reduction Method:**

Enter “YES” if the percentage reduction method as described in 30 TAC § 113.2075(a)(1)(G) is used to determine compliance with the Cd emission limit. Otherwise, enter “NO.”

**Hg CEMS:**

Enter “YES” if the incinerator uses a continuous emissions monitoring system (CEMS) to demonstrate compliance with the Hg emission limit. Otherwise, enter “NO.”

**Hg Percentage Reduction Method:**

Enter “YES” if the percentage reduction method as described in 30 TAC § 113.2075(a)(1)(G) is used to determine compliance with the Hg emission limit. Otherwise, enter “NO.”



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**Table 9a:** Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter E: Division 1: Utility Electric Generation in East and Central Texas

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- ★ Complete tables 9a through 9c only for utility electric power boilers and steam generating units generating electric energy for compensation used in an electric power generating system owned or operated by an electric cooperative, independent power producer, municipality, river authority, or public utility, or any of its successors.
- ★ Complete tables 9a through 9c only for facilities located in Atascosa, Bastrop, Bexar, Brazos, Calhoun, Cherokee, Fannin, Fayette, Freestone, Goliad, Gregg, Grimes, Harrison, Henderson, Hood, Hunt, Lamar, Limestone, Marion, McLennan, Milam, Morris, Nueces, Parker, Palo Pinto, Red River, Robertson, Rusk, Titus, Travis, Victoria, or Wharton County.

*Sites owned or operated by an electric cooperative, municipality, river authority, or public utility located in Parker County have applicability under both 30 TAC Chapter 117, Subchapter C: Division 4: Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area Utility Electric Generation Sources and under 30 TAC Chapter 117, Subchapter E, Division 1: Utility Electric Generation in East and Central Texas and should complete both Tables 9a - 9c and Tables 6a - 6b to determine requirements.*

*Independent power producers in Parker County are subject only to the requirements of 30 TAC Chapter 117, Subchapter E: Division 1: Utility Electric Generation in East and Central Texas and should complete only Tables 9a - 9c.*

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Date Placed in Service:**

Select one of the following options for the date the unit was placed in service. Enter the code on the form.

Code	Description
95-	Before December 31, 1995
95+	On or after December 31, 1995

- ▼ Continue only if “Date Placed in Service” is “95-.”

**Unit Exempt:**

Select one of the following options that describes the unit. Enter the code on the form.

Code	Description
INTUSE	The unit generates electric energy primarily for internal use but averaged over the three most recent calendar years, has sold less than one third of its potential electrical output capacity to a utility power distribution system
HEATIN	The unit has an annual heat input of 2.2 (10 <sup>11</sup> ) Btu/yr or less, averaged over the three most recent calendar years
NONE	The unit does not qualify for any exemptions under the rule

▼ Continue only if “Unit Exempt” is “NONE.”

**Location:**

Enter “YES” if the unit is a gas-fired steam generator located in Palo Pinto County as specified in 30 TAC § 117.3005(a). Otherwise, enter “NO.”

★ Complete Table 9b if “Location” is “NO.” Do not complete the rest of Table 9a.

**Capacity:**

Select one of the following options that describe the capacity of the gas-fired steam generating unit. Enter the code on the form.

Code	Description
6-	The unit has the capacity to generate less than 600,000 lb/hr of steam continuously
6-11	The unit has the capacity to generate more than 600,000 lb/hr but less than 1,100,000 lb/hr of steam continuously
11+	The unit has the capacity to generate more than 1,100,000 lb/hr of steam continuously

▼ Do not continue if “Capacity” is “6-.”

★ Complete “30% of the Max” only if “Capacity” is “6-11.”

**30% of the Maximum:**

Enter “YES” if the total steam generated from the unit is less than or equal to 30% of the maximum continuous steam capacity times the number of hours in a year. Otherwise, enter “NO.”

★ Do not complete “Firing Method” if “30% of Max.” is “YES.”

**Firing Method:**

Select the option that describes the firing method for the unit. Enter the code on the form.

Code	Description
OFG	The unit is an opposed-fire steam generating unit
FFG	The unit is a front-fired steam generating unit
TFG	The unit is a tangential-fired steam generating unit

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**Table 9b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter E: Division 1: Utility Electric Generation in East and Central Texas**


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**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

▼ Do not continue if “Location” is “YES.”

**NO<sub>x</sub> Emission Limitation:**

Title 30 TAC Chapter 117 provides two methods to be in compliance with the applicable NO<sub>x</sub> limitation standards listed in 30 TAC § 117.3010(1). Select one of the following options. Enter the code on the form.

Code	Description
3010	Title 30 TAC § 117.3010(1) [relating to Emission Specifications]
SC	Unit is complying with the System Cap under 30 TAC § 117.3020

★ Complete “Fuel” only if “NO<sub>x</sub> Emission Limitation” is “3010.”

**Fuel:**

Select one of the following options that describes the fuel fired in the unit. Enter the code on the form.

Code	Description
COAL	The unit is a coal fired electric power boiler
GAS	The unit is a gas fired electric power boiler

**NO<sub>x</sub> Monitoring:**

Select one of the following options that describes the NO<sub>x</sub> monitoring used. Enter the code on the form.

Code	Description
CEMS	A continuous emissions monitoring system is used to monitor NO <sub>x</sub> emissions
PEMS	A parametric emissions monitoring system is used to monitor NO <sub>x</sub> emissions

**Maximum Emission Rate:**

Enter “YES” if the owner or operator is using the maximum emission rate measured by the testing conducted in § 117.3035(d) to provide substitute emissions compliance when the NO<sub>x</sub> monitor is off-line. Otherwise, enter “NO.”

**Ammonia Use:**

Enter “YES” if urea or ammonia injection is used to control NO<sub>x</sub> emissions. Otherwise, enter “NO.”

▼ Continue only if “Ammonia Use” is “YES.”

**NH<sub>3</sub> Emission Limitation:**

Title 30 TAC Chapter 117 provides two methods to be in compliance with the applicable NH<sub>3</sub> limitation standards listed in 30 TAC Chapter 117, Subchapter E. Select one of the following options. Enter the code on the form.

Code	Description
3010	Title 30 TAC § 117.3010(2) [relating to Emission Specifications]
ACSS	Unit is complying with an Alternative Case Specific Specification under 30 TAC § 117.3025

**Ammonia Monitoring:**

Select one of the following options that describes the ammonia monitoring used. Enter the code on the form.

Code	Description
CEMS	A continuous emissions monitoring system is used to monitor ammonia emissions
PEMS	A parametric emissions monitoring system is used to monitor ammonia emissions
OTHER	A monitoring system other than a CEMS or PEMS is used to monitor ammonia emissions

**Table 10a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart EEE: Hazardous Waste Combustors**

- ★ **Complete this table for solid or liquid fueled boilers that burn hazardous waste, and are located at an area source or a major source, and do not meet the criteria in Table 1 of § 63.1200(b)**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Type Fuel:**

Select one of the following options. Enter the code on the form.

Code	Description
SOLID	Boiler burns solid fuel
LIQUID	Boiler burns liquid fuel

**Existing Source:**

Enter “YES” if the boiler is an existing source (construction or reconstruction commenced on or before April 20, 2004). Otherwise, enter “NO.”

**Area Source:**

Enter “YES” if the boiler is an area source as defined under §63.2. Otherwise, enter “NO.”

- ★ **Complete “Elective Standards” only if “Area Source” is “YES.”**

**Elective Standards:**

Enter “YES” if the area source is electing to comply with § 63.1216 or § 63.1217 per § 266.100(b)(3). Otherwise, enter “NO.”

**Dioxin/Furan Standard:**

Select one of the following options. Enter the code on the form.

For solid fuel boilers:

Code	Description
CO-1S	Complying with the CO standard in § 63.1216(a)(1) or (b)(1)
THC-1S	Complying with the THC standard in § 63.1216(a)(1) or (b)(1)

For liquid fuel boilers:

Code	Description
DF-1L	Complying with the dioxin/furan standard in § 63.1217(a)(1)(i) or (b)(1)(i) [Note: for boilers equipped with a dry air pollution control system]
CO-1L	Complying with the CO standard in § 63.1217(a)(1)(ii) or (b)(1) (ii)
THC-1L	Complying with the THC standard in § 63.1217(a)(1) (ii) or (b)(1) (ii)

★ **Complete “Heating Value” only if “Type Fuel” is “LIQUID.”**

**Heating Value:**

Enter “YES” if the hazardous waste as-fired heating value is less than 10,000 Btu/lb. Otherwise, enter “NO.”

**Hg Feedrate:**

Enter “YES” if extrapolation of feedrate levels is used for Hg. Otherwise, enter “NO.”

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**Table 10b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart EEE: Hazardous Waste Combustors**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**ALT Metals:**

Enter “YES” if in lieu of complying with the particulate matter standards, you elect to comply with the alternative metal emission control requirement. Otherwise, enter “NO.”

**MET Feedrate:**

Enter “YES” if extrapolation of feedrate levels is used for semivolatile and low volatile metals. Otherwise, enter “NO.”

**CO/THC Standard:**

Select one of the following options. Enter the code on the form.

Code	Description
CO-5	Complying with the CO standard in § 63.1216(a)(5)(i) or (b)(5)(i); or § 63.1217(a)(5)(i) or (b)(5)(i)
THC-5	Complying with the THC standard in § 63.1216(a)(5)(ii) or (b)(5)(ii); or § 63.1217(a)(5)(ii) or (b)(5)(ii)

**Baghouse:**

Enter “YES” if the furnace is equipped with a baghouse. Otherwise, enter “NO.”

★ **Complete “PM Detection” only if “Baghouse” is “YES.”**

**PM Detection:**

Enter “YES” if a PM detection system is used. Otherwise, enter “NO.”

**Dioxin-Listed:**

Enter “YES” if the furnace burns the dioxin-listed hazardous wastes F020, F021, F022, F023, F026, or F027. Otherwise, enter “NO.”

**DRE Previous Test:**

Enter “YES” if previous testing was used to document conformance with the DRE standard. Otherwise, enter “NO.”

★ **Complete “Feed Zone” only if “DRE Previous Test” is “YES.”**

**Feed Zone:**

Enter “YES” if the source feeds waste at a location other than the normal flame zone. Otherwise, enter “NO.”

**Table 11: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111), Subchapter A: Division 2: Incineration**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Hazardous Waste:**

Enter “YES” if the unit combusts hazardous waste as a fuel for energy recovery and the facility accepts hazardous waste as a fuel from off-site sources which involves a commercial transaction or a change of ownership of the waste and the facility is not regulated at 40 CFR Part 264 or 265, Subpart O. Otherwise, enter “NO.”

▼ **Continue only if “Hazardous Waste” is “YES.”**

**Monitor:**

Enter “YES” if the unit has a continuous opacity or carbon monoxide monitor (or equivalent). Otherwise, enter “NO.”

**Table 12:** Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111), Subchapter A:Division 5: Emission Limits on Nonagricultural Processes

- ★ Complete this table only for solid fossil fuel-fired steam generators or oil or gas fuel-fired steam generators with a heat input greater than 2,500 million Btu per hour that have to address periodic monitoring (PM) or compliance assurance monitoring (CAM) requirements for 30 TAC Chapter 111, Nonagricultural Processes. Sources that do not have to address PM or CAM for this regulation are covered on form OP-REQ1.

*Steam generators that meet the applicability of CAM:*

- Have a pre-control potential to emit that equals or exceeds the major source threshold for particulate matter; and
- Use a control device to meet the particulate matter emission limit specified in 30 TAC §111.153(b) or (c).

*Steam generators that are not subject to CAM may require periodic monitoring for assuring compliance with the particulate matter emission limit in 30 TAC §111.153(b) or (c). Periodic monitoring is required for all steam generators where the actual emissions of particulate matter exceed 50 tons per year.*

*CAM and periodic monitoring requirements must be submitted separately on form OP-MON.*

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Source Type:**

Select one of the following options. Enter the code on the form.

Code	Description
SOLID	Solid fossil fuel-fired steam generator
OIL/GAS	Oil or gas fuel-fired steam generator with a heat input greater than 2,500 million Btu per hour

**Table 13a:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units

- ★ Complete this table for a coal fired EGU or an oil-fired EGU defined in §63.10042

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**§63.9983(a):**

Enter “YES” if the unit is designated a stationary combustion turbine, other than an IGCC unit, covered by 40 CFR Part 63, Subpart YYYYY, per §63.9983(a). Otherwise, enter “NO.”

**§63.9983(b):**

Enter “YES” if the unit is not coal- or oil-fired and combusts natural gas in accordance with §63.9983(b). Otherwise, enter “NO.”

**§63.9983(c):**

Enter “YES” if the unit can combust more than 25 MW of coal or oil but does so in accordance with §63.9983(c). Otherwise, enter “NO.”

**§63.9983(d):**

Enter “YES” if the unit combusts hazardous waste per §63.9983(d). Otherwise, enter “NO.”

▼ Continue only if “§63.9983(a), (b), (c) and (d)” are all “NO.”

**Limited-use Liquid:**

Enter “YES” if the unit qualifies as a limited-use liquid oil-fired unit as defined in §63.10042. Otherwise, enter “NO.”

**Construction Status:**

Select one of the following options that describes the construction status. Enter the code on the form.

Code	Description
NEW	The EGU is new (i.e. construction commenced after May 3, 2011 and meets the applicability criteria at the time construction commenced)
RECON	The EGU is reconstructed (i.e. reconstruction criteria as defined in §63.2 is met, construction commenced after May 3, 2011, and meets the applicability criteria at the time construction commenced)
EXIST	The EGU is not new or reconstructed

▼ Continue only if “Limited-use Liquid” is “NO.”

**Table 13b:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).



**Start-Up:**

Enter “YES” if start-up date of affected source was before April 16, 2012. Otherwise, enter “NO.”

**Unit Fuel:**

Select one of the following options that describes the fuel type used. Enter the code on the form.

Code	Description
8300BTU	The EGU is designed for coal with a heating value greater than or equal to 8,300 Btu/lb (i.e. not low rank virgin coal)
LORANK	The EGU is designed for low rank virgin coal
IGCC	The unit is an IGCC combusting either gasified coal or gasified solid oil-derived fuel
LIQ-OIL	The unit is a continental liquid oil-fired EGU
SO-OIL	The EGU designed to burn solid oil-derived fuel

**Pollutant-a:**

Select one of the following options that describes the pollutant chosen to represent HAP metals. Enter the code on the form.

Code	Description
PM	Filterable PM is a surrogate for total HAP or total non-Hg HAP metals
TOTHAP	Total HAP or total non-Hg HAP metals are used as the standard
INDHAP	Individual HAP or individual non-Hg HAP metals are used as alternative equivalent standard

- ★ **Complete “Syngas” only if “Construction Status” is “NEW” or “RECON,” “Unit Fuel” is “IGCC;” and “Pollutant-a” is “PM.”**

**Syngas:**

Enter “YES” if the IGCC plant duct burner is syngas-fired. Otherwise, enter “NO.”

- ★ **Complete “PM-Input” only if “Construction Status” is “EXIST” and “Pollutant-a” is “PM.”**

**PM-Input:**

Enter “YES” if a heat input-based limit is used for PM. Otherwise, enter “NO.”

- ★ **Complete “TOTHAP-Input” only if “Construction Status” is “EXIST” and “Pollutant-a” is “TOTHAP.”**

**TOTHAP-Input:**

Enter “YES” if a heat input-based limit is used for total HAP. Otherwise, enter “NO.”

---

**Table 13c:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

★ Complete the heat input-based series below only if “Construction Status” is “EXIST” and “Pollutant-a” is “INDHAP.”

**Sb-Input:**

Enter “YES” if a heat input-based limit is used for antimony. Otherwise, enter “NO.”

**As-Input:**

Enter “YES” if a heat input-based limit is used for arsenic. Otherwise, enter “NO.”

**Be-Input:**

Enter “YES” if a heat input-based limit is used for beryllium. Otherwise, enter “NO.”

**Cd-Input:**

Enter “YES” if a heat input-based limit is used for cadmium. Otherwise, enter “NO.”

**Cr-Input:**

Enter “YES” if a heat input-based limit is used for chromium. Otherwise, enter “NO.”

**Co-Input:**

Enter “YES” if a heat input-based limit is used for cobalt. Otherwise, enter “NO.”

---

**Table 13d:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Pb-Input:**

Enter “YES” if a heat input-based limit is used for lead. Otherwise, enter “NO.”

**Mn-Input:**

Enter “YES” if a heat input-based limit is used for manganese. Otherwise, enter “NO.”

**Ni-Input:**

Enter “YES” if a heat input-based limit is used for nickel. Otherwise, enter “NO.”

TCEQ-10026 (APD-ID 40v3.0, revised 09/24) OP-UA6 Instr.

This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V Release 09/24)

**Se-Input:**

Enter “YES” if a heat input-based limit is used for selenium. Otherwise, enter “NO.”

**Hg-Input-a:**

Enter “YES” if a heat input-based limit is used for mercury. Otherwise, enter “NO.” (Applicable only if “Unit Fuel” is “LIQ-OIL.”)

- ★ Complete “Pollutant-b” only if “Construction Status” is “NEW” or “RECON” and “Unit Fuel” is “8300BTU,” “LORANK,” “IGCC” or “SO-OIL;” or if “Construction Status” is “EXIST” and “Unit Fuel” is “8300BTU,” “LORANK” or “SO-OIL.”

**Pollutant-b:**

Select one of the following options that describes the pollutant chosen to represent acid gas. Enter the code on the form.

Code	Description
HCL	Hydrogen chloride is a surrogate for acid gas HAP.
SO <sub>2</sub>	Sulfur dioxide is a surrogate for acid gas HAP.

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**Table 13e:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at

[www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

- ★ Complete “HCl-Input” only if “Construction Status” is “EXIST” and “Unit Fuel” is “IGCC” or “LIQ-OIL;” or if “Construction Status” is “EXIST” and “Pollutant-b” is “HCL.”

**HCl-Input:**

Enter “YES” if a heat input-based limit is used for hydrogen chloride. Otherwise, enter “NO.”

- ★ Complete “SO<sub>2</sub>-Input” only if “Construction Status” is “EXIST” and “Pollutant-b” is “SO<sub>2</sub>.”

**SO<sub>2</sub>-Input:**

Enter “YES” if a heat input-based limit is used for sulfur dioxide. Otherwise, enter “NO.”

- ★ Complete “Hg-Input-c” only if “Construction Status” is “EXIST” and “Unit Fuel” is other than “LIQ-OIL;” or if “Construction Status” is “EXIST” and “Unit Fuel” is “LIQ-OIL” and “Pollutant-a” is “INDHAP.”

**Hg-Input-c:**

Enter “YES” if a heat input-based limit is used for mercury. Otherwise, enter “NO.”

- ★ Complete “Hg LEE Test” only if “Construction Status” is “EXIST” and “Unit Fuel” is “8300BTU.”

**Hg LEE Test:**

Select one of the following options that describes the Hg LEE Testing period. Enter the code on the form.

Code	Description
30	LEE Testing is conducted for 30 days
90	LEE Testing is conducted for 90 days

★ Complete “HF-Input” only if “Construction Status” is “EXIST” and “Unit Fuel” is “LIQ-OIL.”

**HF-Input:**

Enter “YES” if a heat input-based limit is used for hydrogen fluoride. Otherwise, enter “NO.”

★ Complete “Scrubber/Bypass” only if “Unit Fuel” is “8300BTU,” “LORANK,” “IGCC” or “SO-OIL.”

**Scrubber/Bypass:**

Enter “YES” if the EGU is equipped with an acid gas scrubber and has a main stack and bypass stack exhaust configuration. Otherwise, enter “NO.”

★ Complete “PM-LEE” only for the following:

- “Unit Fuel” is “8300BTU,” “LORANK,” “IGCC” or “SO-OIL;” “Pollutant-a” is “PM” and “Scrubber/Bypass” is “NO;” or
- “Unit Fuel” is “LIQ-OIL” and “Pollutant-a” is “PM.”

**PM-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for filterable PM. Otherwise, enter “NO.”

**Table 13f:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

★ Complete “TOTHAP-LEE” only for the following:

- “Unit Fuel” is “8300BTU,” “LORANK,” “IGCC” or “SO-OIL;” “Pollutant-a” is “TOTHAP” and “Scrubber/Bypass” is “NO;” or
- “Unit Fuel” is “CONT-OIL” and “Pollutant-a” is “TOTHAP.”

**TOTHAP-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for total non-Hg HAP metals or total HAP metals. Otherwise, enter “NO.”

★ Complete LEE series below only for the following:

- Fuel” is “CONT-OIL” and “Pollutant-a” is “INDHAP.”

**Sb-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for antimony. Otherwise, enter “NO.”

**As-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for arsenic. Otherwise, enter “NO.”

**Be-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for beryllium. Otherwise, enter “NO.”

**Cd-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for cadmium. Otherwise, enter “NO.”

**Cr-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for chromium. Otherwise, enter “NO.”

**Table 13g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Co-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for cobalt. Otherwise, enter “NO.”

**Pb- LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for lead. Otherwise, enter “NO.”

**Mn-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for manganese. Otherwise, enter “NO.”

**Ni-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for nickel. Otherwise, enter “NO.”

**Se-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for selenium. Otherwise, enter “NO.”

**Hg-LEE-a:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for mercury. Otherwise, enter “NO.” (Applicable only if “Construction Status” is “EXIST” and “Unit Fuel” is “LIQ-OIL.”)

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**Table 13h:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units

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**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

★ **Complete “HCl-LEE” only for the following:**

- “Unit Fuel” is “8300BTU,” “LORANK,” “IGCC” or “SO-OIL;” “Pollutant-b” is “HCL” and “Scrubber/Bypass” is “NO;” or
- “Unit Fuel” is “LIQ-OIL” and “Pollutant-b” is “HCL.”

**HCl-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for hydrogen chloride. Otherwise, enter “NO.”

★ **Complete “SO<sub>2</sub>-LEE” only for the following:**

- “Unit Fuel” is “8300BTU,” “LORANK,” “IGCC” or “SO-OIL;” “Pollutant-b” is “SO<sub>2</sub>” and “Scrubber/Bypass” is “NO;” or
- “Unit Fuel” is “LIQ-OIL” and “Pollutant-b” is “SO<sub>2</sub>.”

**SO<sub>2</sub>-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for hydrogen chloride. Otherwise, enter “NO.”

★ **Complete “Hg-LEE-c” only if “Unit Fuel” is “8300BTU,” “LORANK,” “IGCC” or “SO-OIL;” “Construction Status” is “EXIST;” and “Scrubber/Bypass” is “NO.”****Hg-LEE-c:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for mercury. Otherwise, enter “NO.”

★ **Complete “HF-LEE” only if “Unit Fuel” is “LIQ-OIL” and “Construction Status” is “EXIST.”****HF-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for hydrogen fluoride. Otherwise, enter “NO.”

▼ **Continue only if:**

- “Construction Status” is “NEW” or “RECON;” or
- “Construction Status” is “EXIST” and at least one of the “-LEE” attributes is “NO” (i.e. one or more of the following: PM-LEE, TOTHAP-LEE, Sb-LEE, As-LEE, Be-LEE, Cd-LEE, Cr-LEE, Co-LEE, Pb-LEE, Mn-LEE, Ni-LEE, Se-LEE, Hg-LEE-a, HCl-LEE, SO<sub>2</sub>-LEE, Hg-LEE-c and/or HF-LEE).

**Startup:**

Enter “YES” if relying on paragraph (2) definition of “startup” in §63.10042. Otherwise enter “NO.”

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**Table 13i: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units**


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**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Compliance Demo:**

Select one of the following options that describes how compliance is demonstrated. Enter the code on the form.

Code	Description
CPMS	A CPMS is used to demonstrate compliance
CEMS	A CEMS (or sorbent trap) is used to demonstrate compliance
NONE	None of the above

★ **Do Not Complete “Stack Config” if “Compliance Demo” is “NONE.”**

**Stack Config:**

Select one of the following options that describes the exhaust stack configuration. Enter the code on the form.

Code	Description
CONFIG-1	Single unit-single stack configuration
CONFIG-2	Unit utilizing common stack with other affected unit(s)
CONFIG-3	Unit(s) utilizing common stack with non-affected unit(s)
CONFIG-4	Unit with a main stack and a bypass stack
CONFIG-5	Unit with a common control device with multiple stack or duct configuration
CONFIG-6	Unit with multiple parallel control devices with multiple stacks

**O<sub>2</sub>-CO<sub>2</sub> CEMS:**

Enter “YES” if an oxygen or carbon dioxide CEMS is used to convert measured pollutant concentrations. Otherwise, enter “NO.”

**Flow Monitor:**

Enter “YES” if a stack gas flow rate monitor is used for routine operation of a sorbent trap monitoring system or to convert measured pollutant concentrations. Otherwise, enter “NO.”

**Gas Moisture:**

Enter “YES” if you are required to make corrections for stack gas moisture when converting pollutants. Otherwise, enter “NO.”

**Direct HAP:**

Enter “YES” if you use a CEMS or sorbent trap to measure a HAP directly. Otherwise, enter “NO.”

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**Table 14a:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDDD: Industrial, Commercial, and Institutional Boilers

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**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Commence:**

Select one of the following construction date options for the source. Enter the code on the form.

Code	Description
NEW	Source is new (commenced construction after June 4, 2010)
RECON	Source is reconstructed (commenced reconstruction after June 4, 2010)
EXIST	Source is existing (commenced construction or reconstruction on or before June 4, 2010)

**Table Applicability:**

Select one of the following options that describes the applicability of emission limitations in §63.7500(a)(1)-Tables 1 or 2. Enter the code on the form.



<b>Code</b>	<b>Description</b>
SFF10	The unit burns coal/solid fossil fuel AND has heat input equal to or greater than 10 MMBtu/hr (subject to emission limits in Table 1 or 2)
BM10	The unit burns biomass/bio-based solid fuel AND has heat input equal to or greater than 10 MMBtu/hr (subject to emission limits in Table 1 or 2)
HLIQ10	The unit burns heavy liquid fuel AND has heat input equal to or greater than 10 MMBtu/hr (subject to emission limits in Table 1 or 2)
LLIQ10	The unit burns light liquid fuel AND has heat input equal to or greater than 10 MMBtu/hr (subject to emission limits in Table 1 or 2)
GAS210	The unit burns Gas 2 fuel AND has heat input equal to or greater than 10 MMBtu/hr (subject to emission limits in Table 1 or 2)
T3.1LTD	The unit qualifies as a limited use boiler or process heater as defined in §63.7575 (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.1)
T3.1TS	The unit is designed to utilize a continuous oxygen trim system (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.1)
T3.1G1	The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or less than 5 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.1)
T3.1G2	The unit is designed to burn Gas 2 fuel AND has heat input equal to or less than 5 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.1)
T3.1LL	The unit is designed to burn light liquid fuel AND has heat input equal to or less than 5 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.1)
T3.2G1	The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input less than 10 MMBtu/hr but greater than 5 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.2)
T3.2G2	The unit is designed to burn Gas 2 fuel AND has heat input less than 10 MMBtu/hr but greater than 5 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.2)
T3.2LL	The unit is designed to burn light liquid fuel AND has heat input less than 10 MMBtu/hr but greater than 5 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.2)
T3.2HL	The unit is designed to burn heavy liquid fuel AND has heat input less than 10 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.2)
T3.2S	The unit is designed to burn solid fuel AND has heat input less 10 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.2)
T3.3G1	The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or greater than 10 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.3)

▼ Continue only if “Table Applicability” is “SFF10”, “BM10”, “HLIQ10”, “LLIQ10”, or “GAS210.”

#### HCl Emission:

TCEQ-10026 (APD-ID 40v3.0, revised 09/24) OP-UA6 Instr.  
This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V Release 09/24)

Select one of the following hydrogen chloride emission limit options. Enter the code on the form.

Code	Description
BTU-HCL	Emission limits for HCl in pounds per MMBtu heat input
STM-HCL	Emission limits for HCl in pounds per MMBtu steam output (for steam generating units only)
MWH-HCL	Emission limits for HCl in pounds per MWh power output (for boilers that generate electricity only)

#### HCl-CMS:

Select one of the following hydrogen chloride continuous monitoring system (CMS) options. Enter the code on the form.

Code	Description
NONE	A CMS is not being used
HCL-CEMS	An HCl CEMS is used
SO <sub>2</sub> -CEMS	An SO <sub>2</sub> CEMS is used

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**Table 14b:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDDD: Industrial, Commercial, and Institutional Boilers

★ Complete this table only if “HCl-CMS” is “NONE.”

#### Unit ID No.:

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

#### SOP/GOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

#### HCl-CD:

Select one of the following hydrogen chloride control device options. Enter the code on the form.

Code	Description
DS	Dry scrubber is being used
WAS	A wet acid scrubber is used
PWS-PH	A particulate wet scrubber with pH effluent operating limit
OTHER	Other control methods are being used
NONE	A control device is not used

**HCl-Test:**

Select one of the following hydrogen chloride performance test options. Enter the code on the form.

Code	Description
PT	Compliance is demonstrated by conducting a performance test for HCl
NPT	A performance test is not being used

**HCl-FA:**

Select one of the following hydrogen chloride fuel analysis options. Enter the code on the form.

Code	Description
FA	Compliance is demonstrated by conducting fuel analysis for HCl
NFA	Fuel analysis is not being used

**HCl-FlMon:**

Select one of the following hydrogen chloride flow monitoring system options. Enter the code on the form.

Code	Description
FMS	Operating limit requires a flow monitoring system for HCl
NFMS	Flow monitoring system is not required for HCl

**HCl-pHMon:**

Select one of the following hydrogen chloride pH monitoring system options. Enter the code on the form.

Code	Description
PHMON	Operating limit requires a pH monitoring system for HCl
NPH	A pH monitoring system is not required for HCl

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**Table 14c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDDD: Industrial, Commercial, and Institutional Boilers**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Hg Emission:**

Select one of the following hydrogen chloride emission limit options. Enter the code on the form.

Code	Description
BTU-HG	Emission limits for Hg in pounds per MMBtu heat input
STM-HG	Emission limits for Hg in pounds per MMBtu steam output (for steam generating units only)
MWH-HG	Emission limits for Hg in pounds per MWh power output (for boilers that generate electricity only)

**Hg-InjRate:**

Enter "YES" if an operating limit requires a monitoring system to measure sorbent injection rate for Hg. Otherwise, enter "NO."

**Hg-CMS:**

Select one of the following mercury continuous monitoring system (CMS) options. Enter the code on the form.

Code	Description
NONE	A CMS is not being used
HG-CEMS	An Hg CEMS is used
HGCMS	A CMS other than an Hg CEMS is used

▼ Continue on Table 14c only if "Hg-CMS" is "NONE". If "Hg-CMS" is HG-CEMS" or "HGCMS," skip to Table 14d.

**Hg-CD:**

Select one of the following mercury control device options. Enter the code on the form.

Code	Description
DS	Dry scrubber is being used
WAS	A wet acid scrubber is used
ESP-WS	An electrostatic precipitator with a wet scrubber is used
ACI	Activated carbon injection is used
OTHER	Other control methods are being used
NONE	A control device is not used

**Hg-Test:**

Select one of the following Hg performance test options. Enter the code on the form.

Code	Description
PT	Compliance is demonstrated by conducting a performance test for Hg
NPT	A performance test is not being used

**Hg-FA:**

Select one of the following Hg fuel analysis options. Enter the code on the form.

Code	Description
HGFA	Compliance is demonstrated by conducting fuel analysis for Hg
NFA	Fuel analysis is not being used

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**Table 14d:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDDD: Industrial, Commercial, and Institutional Boilers

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**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

★ Complete “BM Subcategory” only if “Table Applicability” is “BM10.”

**BM Subcategory:**

Select one of the following options that describes subcategory of the boiler or process heater as listed in §63.7499. Enter the code on the form.

Code	Description
7499(I)	The unit is a stoker/sloped grate/other unit designed to burn wet biomass/bio-based solid
7499(D)	The unit is a stoker/sloped grate/other unit designed to burn kiln dried biomass/bio-based solid
7499(E)	The unit is a fluidized bed designed to burn biomass/bio-based solid
7499(F)	The unit is a suspension burner designed to burn biomass/bio-based solid
7499(J)	The unit is a Dutch oven/pile burner designed to burn biomass/bio-based solid
7499(G)	The unit is a fuel cell designed to burn biomass/bio-based solid
7499(H)	The unit is a hybrid suspension/grate burner designed to burn wet biomass/bio-based solid

**PM/TSM Emission:**

Select one of the following particulate matter or total selected metals emission limit options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
BTU-PM	Emission limits for PM in pounds per MMBtu heat input
BTU-TSM	Emission limits for TSM in pounds per MMBtu heat input
STM-PM	Emission limits for PM in pounds per MMBtu steam output (for steam generating units only)
STM-TSM	Emission limits for TSM in pounds per MMBtu steam output (for steam generating units only)
MWH-PM	Emission limits for PM in pounds per MWh power output (for boilers that generate electricity only)
MWH-TSM	Emission limits for TSM in pounds per MWh power output (for boilers that generate electricity only)

- ▼ **Continue on Table 14d only if “PM/TSM-Emission” is “BTU-TSM”, “STM-TSM”, or “MWH-TSM.” If “PM/TSM Emission” is “BTU-PM,” “STM-PM,” or “MWH-PM,” skip to Table 14e.**

**TSM-CMS:**

Select one of the following continuous monitoring system (CMS) options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
TSMCEMS	TSM CEMS is used
TSMCMS	TSM CMS other than a TSM CEMS is used
NONE	CMS is not being used

- ▼ **Continue on Table 14d only if “TSM-CMS” is “NONE”. If “TSM-CMS” is “TSMCEMS” or “TSMCMS,” skip to Table 14e.**

**TSM-Test:**

Select one of the following TSM performance test options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
PT	Compliance is demonstrated by conducting a performance test for TSM
NPT	A performance test is not being used

**TSM-FA:**

Select one of the following TSM fuel analysis options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
FA	Compliance is demonstrated by conducting fuel analysis for TSM
NFA	Fuel analysis is not being used

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**Table 14e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDDD: Industrial, Commercial, and Institutional Boilers**


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★ Complete this table only if “PM/TSM Emission” is “BTU-PM,” “STM-PM,” or “MWH-PM.”

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

★ Complete “PM-250” only if “Table Applicability” is “SFF10” or “HLL10.”

**PM-250:**

Select one of the following options for the average annual heat input. Enter the code on the form.

Code	Description
250+	Average annual heat input rate is greater than 250 MMBtu per hour from solid fossil fuel and/or heavy liquid fuel
250-	Average annual heat input rate is less than or equal to 250 MMBtu per hour from solid fossil fuel and/or heavy liquid fuel

**PM-CMS:**

Select one of the following continuous monitoring system (CMS) options. Enter the code on the form.

Code	Description
PMCEMS	PM CEMS is used
PMCMS	PM CMS other than a PM CEMS is used
PMCPMS	PM CPMS is used to monitor a PM control device
NONE	CMS is not being used. (not a valid entry if “PM-250” is “250+”)

▼ Continue on Table 14e only if “PM-CMS” is “NONE” or “PMCMS”. If “PM-CMS” is “PMCEMS” or “PMCPMS,” skip to Table 14f.

**PM-CD:**

Select one of the following PM control device options. Enter the code on the form.

Code	Description
BLD	A Fabric Filter with a bag leak detection system is used
WS	A Wet Scrubber is used
ESP-WS	An Electrostatic Precipitator with a Wet Scrubber is used
OTHER	Other control methods are being used
NONE	A control device is not used

TCEQ-10026 (APD-ID 40v3.0, revised 09/24) OP-UA6 Instr.

This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V Release 09/24)

**PM-Test:**

Select one of the following PM performance test options. Enter the code on the form.

Code	Description
PT	Compliance is demonstrated by conducting a performance test for PM
NPT	A performance test is not being used

**PM-FM:**

Select one of the following flow monitoring options. Enter the code on the form.

Code	Description
FM	Operating limit requires the use of a flow monitoring system
NFM	A flow monitoring system is not required

**PM-PMON:**

Select one of the following pressure monitoring system options. Enter the code on the form.

Code	Description
PMON	Operating limit requires the use of a pressure monitoring system
NO	A pressure monitoring system is not required

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**Table 14f:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDDD: Industrial, Commercial, and Institutional Boilers

★ Complete this table only if “TSM-CMS” is “NONE” or “PM-CMS” is “PMCMS” or “NONE.”

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).



**Opacity-CD:**

Select one of the following control device options. Enter the code on the form.

Code	Description
BLD	A fabric filter with a bag leak detection system is used
FF	A fabric filter without a bag leak detection system is used
ESP-WS	An electrostatic precipitator with a wet scrubber is used
ESP	An electrostatic precipitator without a wet scrubber is used
DRY	A dry control system is used
OTHER	Other control methods are being used
NONE	A control device is not used

- ▼ Continue on Table 14f only if “Opacity-CD” is “FF”, “ESP”, or “DRY.” If “Opacity-CD” is “BLD,” “ESP-WS,” “OTHER,” or “NONE,” skip to Table 14g.

**COMS:**

Select one of the following continuous opacity monitoring options. Enter the code on the form.

Code	Description
COMS	A continuous opacity monitoring system is used
NOCOMS	A continuous opacity monitoring system is not used

- ▼ Continue on Table 14f only if “COMS” is “NOCOMS.” If “COMS” is “COMS,” skip to Table 14g.

**OPT-Test:**

Select one of the following opacity performance test options. Enter the code on the form.

Code	Description
OPT	Compliance is demonstrated by conducting a performance test for opacity
NPTO	A performance test is not being used

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**Table 14g:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDDD: Industrial, Commercial, and Institutional Boilers

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

★ **Complete “SFF Subcategory” only if “Table Applicability” is “SFF10.”**

**SFF Subcategory:**

Select one of the following options that describes subcategory of the boiler or process heater as listed in §63.7499. Enter the code on the form.

<b>Code</b>	<b>Description</b>
7499(A)	The unit is a pulverized coal/solid fossil fuel unit
7499(B)	The unit is a stoker designed to burn coal/solid fossil fuel
7499(C)	The unit is a fluidized bed unit designed to burn coal/solid fossil fuel (without integrated heat exchanger)
7499(S)	The unit is a fluidized bed unit with an integrated fluidized bed heat exchanger designed to burn coal/solid fossil fuel
SUBNA	The unit is not part of the subcategories in §63.7499(a), (b), (c) or (s)

**CO Emission:**

Select one of the following CO emission limit options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
PPM-CO	Emission limits for CO in ppm by volume not using a CEMS (valid code only if “Table Applicability” is “SFF10” or if “BM Subcategory” is “7499(I)”, “7499(E)”, “7499(F)”, “7499(J)” or “7944(H)”
CEM-CO	Emission limits for CO in ppm by volume using a CEMS (valid code only if “Table Applicability” is “SFF10” or if “BM Subcategory” is “7499(I)”, “7499(E)”, “7499(F)”, “7499(J)”, or “7944(H)”
PPM	Emission limits for CO in ppm by volume (valid code only if “Table Applicability” is “HLIQ10” or “LLIQ10”, or “GAS2” or “BM Subcategory” is “7499(D)”, or “7499(G)”
STM-CO	Emission limits for CO in pounds per MMBtu steam output (for steam generating units only).
MWH-CO	Emission limits for CO in pounds per MWh power output (for boilers that generate electricity only)

▼ **Continue only if “CO Emission” is “PPM-CO,” “STM-CO,” or “MWH-CO.”**

**CO-CMS:**

Select one of the following continuous monitoring system (CMS) options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
COCMS	CO CMS is used
NONE	CMS is not being used

**CO-Test:**

Select one of the following CO performance test options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
PT	Compliance is demonstrated by conducting a performance test for CO
NPT	A performance test is not being used

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**Table 15a:** Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart TTTT: Standards of Performance for Greenhouse Gas Emissions for Electric Utility Generating Units

- ★ Do not complete this table for steam generating units or integrated gasification combined cycle (IGCC) facilities that have been constructed after January 8, 2014, or have been modified or reconstructed after June 18, 2014, that do not meet the applicability criteria listed in 40 CFR §60.5509(a)(1)-(2).
- ★ Do not complete this table for steam generating units or IGCC facilities that meet any of the conditions specified in 40 CFR §60.5509(b)(1)-(10).

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Unit Type:**

Select one of the following unit type options. Enter the code on the form.

Code	Description
STEAM	Steam generating unit
IGCC	Integrated gasification combined cycle facility

**Construction/Modification Date:**

Select one of the following options describing the date of commencement of the most recent construction, modification, or reconstruction. Enter the code on the form.

Code	Description
2014-	Constructed on or before January 8, 2014
2014+	Constructed after January 8, 2014
2014-M	Modified on or before June 18, 2014
2014+M	Modified after June 18, 2014
2014-R	Reconstructed on or before June 18, 2014
2014+R	Reconstructed after June 18, 2014

- ▼ Do not continue if “Construction/Modification Date” is “2014-”, “2014-M”, or “2014-R.”
- ★ Do not complete “Base Load Rating” if Unit Type is “STEAM” or “IGCC” and Construction/Modification Date is “2014+.”

**Base Load Rating:**

Select one of the following options describing the Base Load Rating. Enter the code on the form.

Code	Description
2100-	The unit has a base load rating of 2,100 GJ/h (2,000 MMBtu/h) or less
2100+	The unit has a base load rating greater than 2,100 GJ/h (2,000 MMBtu/h)

**Commercial Operation Date:**

Select one of the following options describing the date of commencement of commercial operation. Enter the code on the form.

Code	Description
2015-	The unit commenced commercial operation before October 23, 2015
2015+	The unit commenced commercial operation on or after October 23, 2015

★ **Complete “Emissions Reporting Date” only if “Commercial Operation Date” is “2015-.”**

**Emissions Reporting Date:**

Select one of the following options describing when emissions reporting is required to begin. Enter the code on the form.

Code	Description
OCT2015-	The date on which emissions reporting was required to begin passed prior to October 23, 2015
OCT2015+	The date on which emissions reporting was required to begin was after October 23, 2015

**Acid Rain Program:**

Select one of the following options describing Acid Rain Program applicability. Enter the code on the form.

Code	Description
ARP	The unit is subject to the Acid Rain Program
NARP	The unit is not subject to the Acid Rain Program

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**Table 15b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart TTTT: Standards of Performance for Greenhouse Gas Emissions for Electric Utility Generating Units**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**CO<sub>2</sub> Capture:**

Select one of the following options describing if the affected EGU captures CO<sub>2</sub>. Enter the code on the form.

Code	Description
CAP	The EGU captures CO <sub>2</sub> to meet the applicable CO <sub>2</sub> emission limit
NOCAP	The EGU does not capture CO <sub>2</sub> to meet the applicable CO <sub>2</sub> emission limit

★ **Complete “CO<sub>2</sub> Transfer” only if “CO<sub>2</sub> Capture” is “CAP.”**

**CO<sub>2</sub> Transfer:**

Select one of the following options describing if captured CO<sub>2</sub> is transferred. Enter the code on the form.

Code	Description
TRAN	The administrator has granted approval for the captured CO <sub>2</sub> from the affected EGU to be transferred to a facility reporting under 40 CFR Part 98, Subpart RR
NOTRAN	CO <sub>2</sub> captured from the affected EGU is not transferred

**Monitoring:**

Select one of the following options describing emissions monitoring. Enter the code on the form.

Code	Description
CEMS	The affected EGU uses CO <sub>2</sub> Continuous Emissions Monitoring (CEMS)
NOCEMS	The affected EGU does not use CO <sub>2</sub> Continuous Emissions Monitoring (CEMS)

★ **Complete “Common Stack” only if “Monitoring” is “CEMS.”**

**Common Stack:**

Select one of the following options describing if the EGUs share a common stack. Enter the code on the form.

Code	Description
C-STK	Two or more affected EGUs share a common exhaust stack, are subject to the same emissions standard, and are choosing to monitor emissions at the common stack
I-STK	Each affected EGU emits exhaust gases through individual stacks

★ **Complete “Multiple Stacks” only if “Monitoring” is “CEMS.”**

**Multiple Stacks:**

Select one of the following describing if multiple stacks are used for exhaust gases. Enter the code on the form.

Code	Description
M-STK	The exhaust gases from the affected EGU are emitted to the atmosphere through multiple stacks, or the exhaust gases are routed to a common stack through multiple ducts and are electing to monitor in the ducts
S-STK	The exhaust gases are emitted through a single stack

**Common Electric Generator:**

Select one of the following options describing if a common electric generator is used. Enter the code on the form.

Code	Description
C-GEN	Two or more affected EGUs serve a common electric generator
I-GEN	Two or more affected EGUs have individual electric generators

**OP-UA6 Instructions**  
**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 1)**  
**Federal Operating Permit Program**  
**Table 1a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart D: Standards of Performance for Fossil Fuel-Fired Steam Generators**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Construction/Modification Date	Covered Under Subpart Da or KKKK	Changes to Existing Affected Facility	Heat Input Rate	Alternate 42C	PM CEMS	Opacity Monitoring	Gas/Liquid Fuel	Fuels with 0.33 % or Less Sulfur	Specific Site

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 2)**  
**Federal Operating Permit Program**  
**Table 1b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart D: Standards of Performance for Fossil Fuel-Fired Steam Generators**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	Alternate 43D	Alternate 44F	Flue Gas Desulfurization	SO <sub>2</sub> Monitoring	Cyclone-Fired Unit	NO <sub>x</sub> Monitoring Type

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 3)**  
**Federal Operating Permit Program**  
**Table 2a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart Da: Standards of Performance for Electric Utility Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Construction/Modification Date	Heat Input of Fossil Fuel	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	Changes to Existing Affected Facility	Percent (%) Coal Refuse	Combined Cycle Type	PM Commercial Demonstration Permit	PM Standard Basis



**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 4)**  
**Federal Operating Permit Program**  
**Table 2b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart Da: Standards of Performance for Electric Utility Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	NOx IGCC Standard	MACT Applicability	Unit Type	PM Monitoring Type	Opacity Monitoring Type	SO <sub>2</sub> Monitoring Type	NO <sub>x</sub> Monitoring Type	SO <sub>2</sub> Commercial Demonstration Permit	SO <sub>2</sub> Emission Rate	FGD

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 5)**  
**Federal Operating Permit Program**  
**Table 2c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart Da: Standards of Performance for Electric Utility Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	SO <sub>2</sub> Standard Basis	NO <sub>x</sub> Comm. Dem. Permit	Alt. Stds. for Comb. NO <sub>x</sub> and CO	NO <sub>x</sub> Standard Basis	Duct Burner	PM Flow Monitoring System	SO <sub>2</sub> Flow Monitoring System	NO <sub>x</sub> Flow Monitoring System

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 6)**  
**Federal Operating Permit Program**  
**Table 3a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Construction/ Modification Date	Heat Input Capacity	Subpart Da	Changes to Existing Affected Facility	Subpart Ea, Eb, AAAA, or CCCC	Subpart KKKK	Subpart Cb or BBBB	Temporary Boiler

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 7)**  
**Federal Operating Permit Program**  
**Table 3b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	Subpart D	Additional Applicability Requirement	ACF Option SO <sub>2</sub>	ACF Option PM	ACF Option NO <sub>x</sub>

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 8)**  
**Federal Operating Permit Program**  
**Table 3c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	60.42b (k)(2) Low Sulfur Exemption	60.42b (k)(4) Alternative	Post-Combustion Control	60.43b(h)(2) Alternative	Electrical or Mechanical Output	Output Based Limit	60.49 Da(n) Alternative	60.49 Da(m) Alternative

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 9)**  
**Federal Operating Permit Program**  
**Table 3d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Residual Oil Sampling	Monitoring Type PM	Monitoring Type PM (Opacity)	Monitoring Type NO <sub>x</sub>	Monitoring Type SO <sub>2</sub>	Technology Type	Unit Type	Heat Release Rate	Heat Input Gas/Oil	Heat Input Wood	Fuel Heat Input

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 10)**  
**Federal Operating Permit Program**  
**Table 3e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Alternate Emission Limit (AEL)	AEL ID. NO.

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 11)**  
**Federal Operating Permit Program**  
**Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart Dc: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
1/14/2025	0-01631	100222488

Unit ID No.	SOP Index No.	Construction/Modification Date	Maximum Design Heat Input Capacity	Applicability	Heat Input Capacity	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	ACF Option SO <sub>2</sub>	ACF Option PM	30% Coal Duct Burner
29	63DDDDDD-1	89-	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO
31	63DDDDDD-1	05+	10-100	NONE	10-30	NG	N/A	N/A	55+CL	OTHR	NO
32	63DDDDDD-1	05+	10-100	NONE	10-30	NG	N/A	N/A	55+CL	OTHR	NO
56-BLR1	63DDDDDD-1	05+	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO
56-BLR2	63DDDDDD-1	05+	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO
14-BLR1	63DDDDDD-1	05+	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO
36Q	63DDDDDD-1	05+	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO
36R	63DDDDDD-1	05+	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO
30-TRCB-BLR1	63DDDDDD-1	05+	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO
2SPARCEL-BLRA	63DDDDDD-1	05+	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO



**Boiler/Steam Generator/Steam Generating Unit Attributes**

**Form OP-UA6 (Page 11-Cont)**

**Federal Operating Permit Program**

**Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart Dc: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**

**Texas Commission on Environmental Quality**

Unit ID No.	SOP Index No.	Construction/ Modification Date	Maximum Design Heat Input Capacity	Applicability	Heat Input Capacity	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	ACF Option SO <sub>2</sub>	ACF Option PM	30% Coal Duct Burner
2SPARCELL- BLRB	63DDDDD-1	05+	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO
2SPARCELL- BLRC	63DDDDD-1	05+	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO
2SPARCELL- BLRD	63DDDDD-1	05+	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO
BLDG36PRSBL R1	63DDDDD-1	05+	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO
BLDG36PRSBL R2	63DDDDD-1	05+	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 12)**  
**Federal Operating Permit Program**  
**Table 4b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart Dc: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
1/14/2025	0-01631	100222488

Unit ID No.	SOP Index No.	Monitoring Type PM	Monitoring Type SO <sub>2</sub> Inlet	Monitoring Type SO <sub>2</sub> Outlet	Technology Type	43CE-Option	47C-Option
31	63DDDDDD-1	NONE	FLCRT	N/A	NONE	N/A	N/A
32	63DDDDDD-1	NONE	FLCRT	N/A	NONE	N/A	N/A

**Boiler/Steam Generator/Steam Generating Unit Attributes  
Form OP-UA6 (Page 13)**

**Federal Operating Permit Program**

**Table 5a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)**

**Subpart B: Combustion Control at Major Industrial, Commercial and Institutional Sources in Ozone Nonattainment Areas  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Unit Type	MRC	RACT Date Placed in Service	Functionally Identical Replacement	Fuel Type	Fuel Type	Fuel Type	Annual Heat Input

**Boiler/Steam Generator/Steam Generating Unit Attributes  
Form OP-UA6 (Page 14)**

**Federal Operating Permit Program**

**Table 5b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)**

**Subpart B: Combustion Control at Major Industrial, Commercial and Institutional Sources in Ozone Nonattainment Areas  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	NO <sub>x</sub> Emission Limitation	Opt-In Unit	23C-Option	Title 30 TAC Chapter 116 Permit Limit	EGF System Cap Unit	NO <sub>x</sub> Emission Limit Average	NO <sub>x</sub> Reduction	Common Stack Combined

**Boiler/Steam Generator/Steam Generating Unit Attributes  
Form OP-UA6 (Page 15)**

**Federal Operating Permit Program**

**Table 5c: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)**

**Subpart B: Combustion Control at Major Industrial, Commercial and Institutional Sources in Ozone Nonattainment Areas  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Fuel Type Heat Input	NO <sub>x</sub> Monitoring System	Fuel Flow Monitoring	CO Emission Limitation	CO Monitoring System	NH <sub>3</sub> Emission Limitation	NH <sub>3</sub> Emission Monitoring

**Boiler/Steam Generator/Steam Generating Unit Attributes  
Form OP-UA6 (Page 16)**

**Federal Operating Permit Program**

**Table 6a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)**

**Subpart C: Combustion Control at Major Utility Electric Generation Sources in Ozone Nonattainment Areas  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Date Placed in Service	Functionally Identical Replacement	Annual Heat Input	Service Type	Fuel Type	Fuel Type	Fuel Type	RACT NOx Emission Limitation	ESAD NOx Emission Limitation	EGF

**Boiler/Steam Generator/Steam Generating Unit Attributes**

**Form OP-UA6 (Page 17)**

**Federal Operating Permit Program**

**Table 6b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)**

**Subpart C: Combustion Control at Major Utility Electric Generation Sources in Ozone Nonattainment Areas**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Fuel Firing Option	ESAD NO <sub>x</sub> DFW 8-Hour	NO <sub>x</sub> Monitoring System	Title 30 TAC Chapter 116 Permit Limit	CO Emission Limitation	CO Monitoring System	Ammonia Use	NH <sub>3</sub> Emission Limitation	NH <sub>3</sub> Monitoring System

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 18)**  
**Federal Operating Permit Program**  
**Table 7: Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 112)**  
**Subchapters A-D: Control of Air Pollution from Sulfur Compounds**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Fuel Type	Date of Operation	Heat Input	Control Equipment	FCAA § 412(c)	Stack Height



**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 19)**  
**Federal Operating Permit Program**  
**Table 8a: Title 30 Texas Administrative Code Chapter 113 (30 TAC Chapter 113)**  
**Subchapter D: Hospital/Medical/Infections Waste Incinerators**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Construction Date	Combustor Type	Type of Waste	Co-Fired Combustor	HMIWI Size	Control Device	PM CEMS	Opacity Monitoring	Approved Equivalent ID No.

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 20)**  
**Federal Operating Permit Program**  
**Table 8b: Title 30 Texas Administrative Code Chapter 113 (30 TAC Chapter 113)**  
**Subchapter D: Hospital/Medical/Infections Waste Incinerators**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Commercial Unit	CO Monitoring	Approved Equivalent ID No.	Dioxins/ Furans CEMS	Toxic Equivalent Method	HCL CEMS	HCL Percentage Reduction Method

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 21)**  
**Federal Operating Permit Program**  
**Table 8c: Title 30 Texas Administrative Code Chapter 113 (30 TAC Chapter 113)**  
**Subchapter D: Hospital/Medical/Infections Waste Incinerators**  
**Article III. Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Pb CEMS	Pb % Reduction Method	Cd CEMS	Cd % Reduction Method	Hg CEMS	Hg % Reduction Method

**Boiler/Steam Generator/Steam Generating Unit Attributes**

**Form OP-UA6 (Page 22)**

**Federal Operating Permit Program**

**Table 9a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)**

**Subchapter E: Division 1: Utility Electric Generation in East and Central Texas**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Date Placed in Service	Unit Exempt	Location	Capacity	30% of the Maximum	Firing Method

**Boiler/Steam Generator/Steam Generating Unit Attributes**

**Form OP-UA6 (Page 23)**

**Federal Operating Permit Program**

**Table 9b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)**

**Subchapter E: Division 1: Utility Electric Generation in East and Central Texas**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	NO <sub>x</sub> Emission Limitation	Fuel	NO <sub>x</sub> Monitoring	Maximum Emission Rate	Ammonia Use	NH <sub>3</sub> Emission Limitation	Ammonia Monitoring

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 24)**  
**Federal Operating Permit Program**  
**Table 10a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart EEE: Hazardous Waste Combustors**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Type Fuel	Existing Source	Area Source	Elective Standards	Dioxin/Furan Standard	Heating Value	Hg Feedrate

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 25)**  
**Federal Operating Permit Program**  
**Table 10b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart EEE: Hazardous Waste Combustors**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Alt Metals	Met Feedrate	CO/THC Standard	Baghouse	PM Detection	Dioxin-Listed	DRE Previous Test	Feed Zone

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 26)**  
**Federal Operating Permit Program**  
**Table 11: Title 30 Texas Administrative Code Chapter 111 (TAC Chapter 111)**  
**Subchapter A: Division 2: Incineration**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Hazardous Waste	Monitor



**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 27)**  
**Federal Operating Permit Program**  
**Table 12: Title 30 Texas Administrative Code Chapter 111 (TAC Chapter 111)**  
**Subchapter A: Division 5: Emission Limits on Nonagricultural Processes**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Source Type

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 28)**  
**Federal Operating Permit Program**  
**Table 13a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	§63.9983(a)	§63.9983(b)	§63.9983(c)	§63.9983(d)	Limited-use Liquid	Construction Status

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 29)**  
**Federal Operating Permit Program**  
**Table 13b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Start-Up	Unit Fuel	Pollutant-a	Syngas	PM-Input	TOTHAP-Input

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 30)**  
**Federal Operating Permit Program**  
**Table 13c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Sb-Input	As-Input	Be-Input	Cd-Input	Cr-Input	Co-Input

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 31)**  
**Federal Operating Permit Program**  
**Table 13d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Pb-Input	Mn-Input	Ni-Input	Se-Input	Hg-Input-a	Pollutant-b

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 32)**  
**Federal Operating Permit Program**  
**Table 13e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	HCl-Input	SO <sub>2</sub> -Input	Hg-Input-c	Hg-LEE Test	HF-Input	Scrubber/Bypass	PM-LEE

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 33)**  
**Federal Operating Permit Program**  
**Table 13f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	TOTHAP-LEE	Sb-LEE	As-LEE	Be-LEE	Cd-LEE	Cr-LEE

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 34)**  
**Federal Operating Permit Program**  
**Table 13g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Co-LEE	Pb-LEE	Mn-LEE	Ni-LEE	Se-LEE	Hg-LEE-a



**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 35)**  
**Federal Operating Permit Program**  
**Table 13h: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	HCl-LEE	SO <sub>2</sub> -LEE	Hg-LEE-c	HF-LEE	Startup

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 36)**  
**Federal Operating Permit Program**  
**Table 13i: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Compliance Demo	Stack Config	O <sub>2</sub> -CO <sub>2</sub> CEMS	Flow Monitor	Gas Moisture	Direct HAP

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 37)**  
**Federal Operating Permit Program**  
**Table 14a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart DDDDD: Industrial, Commercial, and Institutional Boilers**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
1/23/2025	0-01631	100222488

Unit ID No.	SOP/GOP Index No.	Commence	Table Applicability	HCl Emission	HCl-CMS
29	63DDDDD-1	EXIST	T3.2G1	N/A	N/A
31	63DDDDD-1	EXIST	T3.3G1	N/A	N/A
32	63DDDDD-1	EXIST	T3.3G1	N/A	N/A
56-BLR1	63DDDDD-1	NEW	T3.2G1	N/A	N/A
56-BLR2	63DDDDD-1	NEW	T3.2G1	N/A	N/A
14-BLR1	63DDDDD-1	NEW	T3.1G1	N/A	N/A
36Q	63DDDDD-1	EXIST	T3.1G1	N/A	N/A
36R	63DDDDD-1	EXIST	T3.2G1	N/A	N/A
30-TRCB-BLR1	63DDDDD-1	NEW	T3.2G1	N/A	N/A
2SPARCELL-BLRA	63DDDDD-1	NEW	T3.2G1	N/A	N/A

**Boiler/Steam Generator/Steam Generating Unit Attributes**

**Form OP-UA6 (Page 37 - CONT)**

**Federal Operating Permit Program**

**Table 14a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart DDDDD: Industrial, Commercial, and Institutional Boilers**

**Texas Commission on Environmental Quality**

Unit ID No.	SOP/GOP Index No.	Commence	Table Applicability	HCl Emission	HCl-CMS
2SPARCELL-BLRB	63DDDDDD-1	NEW	T3.2G1	N/A	N/A
2SPARCELL-BLRC	63DDDDDD-1	NEW	T3.2G1	N/A	N/A
2SPARCELL-BLRD	63DDDDDD-1	NEW	T3.2G1	N/A	N/A
BLDG36PRSBLR1	63DDDDDD-1	EXIST	T3.1G1	N/A	N/A
BLDG36PRSBLR2	63DDDDDD-1	EXIST	T3.1G1	N/A	N/A

**oiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 38)**  
**Federal Operating Permit Program**  
**Table 14b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart DDDDD: Industrial, Commercial, and Institutional Boilers**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	HCl-CD	HCl-Test	HCl-FA	HCl-FloMon	HCl-pHMon

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 39)**  
**Federal Operating Permit Program**  
**Table 14c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart DDDDD: Industrial, Commercial, and Institutional Boilers**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Hg Emission	Hg-InjRate	Hg-CMS	Hg-CD	Hg-Test	Hg-FA

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 40)**  
**Federal Operating Permit Program**  
**Table 14d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart DDDDD: Industrial, Commercial, and Institutional Boilers**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	BM Subcategory	PM/TSM Emission	TSM-CMS	TSM-Test	TSM-FA

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 41)**  
**Federal Operating Permit Program**  
**Table 14e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart DDDDD: Industrial, Commercial, and Institutional Boilers**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	PM-250	PM-CMS	PM-CD	PM-Test	PM-FM	PM-PMON



**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 42)**  
**Federal Operating Permit Program**  
**Table 14f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart DDDDD: Industrial, Commercial, and Institutional Boilers**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Opacity-CD	COMS	OPT-Test

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 43)**  
**Federal Operating Permit Program**  
**Table 14g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart DDDDD: Industrial, Commercial, and Institutional Boilers**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	SFF Subcategory	CO Emission	CO-CMS	CO-Test

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 44)**  
**Federal Operating Permit Program**  
**Table 15a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart TTTT: Standards of Performance for Greenhouse Gas Emissions for Electric Utility Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Unit Type	Construction/Modification Date	Base Load Rating	Commercial Operation Date	Emissions Reporting Date	Acid Rain Program

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 45)**  
**Federal Operating Permit Program**  
**Table 15b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart TTTT: Standards of Performance for Greenhouse Gas Emissions for Electric Utility Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	CO <sub>2</sub> Capture	CO <sub>2</sub> Transfer	Monitoring	Common Stack	Multiple Stacks	Common Electric Generator

**Form OP-UA2 - Instructions**  
**Stationary Reciprocating Internal Combustion Engine Attributes**  
**Texas Commission on Environmental Quality**

**General:**

This form is used to provide a description and data pertaining to all stationary reciprocating internal combustion (SRIC) engines with potentially applicable requirements associated with a particular regulated entity number and application. Each table number, along with the possibility of a corresponding letter (i.e., Table 1a, Table 1b), corresponds to a certain state or federal rule. If the rule on the table is not potentially applicable to an SRIC engine, then it should be left blank and need not be submitted with the application. If the codes entered by the applicant show negative applicability to the rule or sections of the rule represented on the table, then the applicant need not complete the remainder of the table(s) that corresponds to the rule. Further instruction as to which questions should be answered and which questions should not be answered are located in the “Specific” section of the instruction text. The following is included in this form: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas

**Table 1a - 1c:**           **Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas**

**Table 2a - 2c:**           **Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.**

**Table 3:**               **Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter E: Multi-Region Combustion Control, Division 4: East Texas Combustion**

**Table 4a - 4b:**           **Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines**

**Table 5a - 5c:**           **Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**

The application area name from Form OP-1 (Site Information Summary) must appear in the header of each page for the purpose of identification for the initial submittal. The date of the initial form submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). Leave the permit number blank for the initial form submittal. If this form is included as part of the permit revision process, enter the permit number assigned by the TCEQ, the area name (from Form OP-1), the date of the revision submittal.

Unit attribute questions that do not require a response from all applicants are preceded by qualification criteria in the instructions. If the unit does not meet the qualification criteria, a response to the question is not required. Anytime a response is not required based on the qualification criteria, leave the space on the form blank.

Notwithstanding any qualification criteria in the form instructions or information provided in other TCEQ guidance, the applicant may leave an attribute question blank (or indicate “N/A” for “Not Applicable”) if the attribute is not needed for the applicable requirement determinations of a regulation for a unit.

Please note that for general operating permit (GOP) applications, responses may be required for questions on this form which are not included as a column in the applicable GOP table. These responses may be needed to determine applicability of certain requirements within a single row of the GOP permit table.

In some situations, the applicant has the option of selecting alternate requirements, limitations, and/or practices for a unit. Note that these alternate requirements, limitations, and/or practices must have the required approval from the TCEQ

Executive Director and/or the U.S. Environmental Protection Agency Administrator before the federal operating permit application is submitted.

The Texas Commission on Environmental Quality (TCEQ) requires that a Core Data Form be submitted on all incoming registrations unless all of the following are met: the Regulated Entity and Customer Reference numbers have been issued by the TCEQ and no core data information has changed. The Central Registry, a common record area of the TCEQ, maintains information about TCEQ customers and regulated activities, such as company names, addresses, and telephone numbers. This information is commonly referred to as “core data.” The Central Registry provides the regulated community with a central access point within the agency to check core data and make changes when necessary. When core data about a facility is moved to the Central Registry, two new identification numbers are assigned: the Customer Reference (CN) number and the Regulated Entity (RN) number. The Core Data Form is required if facility records are not yet part of the Central Registry or if core data for a facility has changed. If this is the initial registration, permit, or license for a facility site, then the Core Data Form must be completed and submitted with application or registration forms. If amending, modifying, or otherwise updating an existing record for a facility site, the Core Data Form is not required, unless any core data information has changed. To review additional information regarding the Central Registry, go to the TCEQ website at [www.tceq.texas.gov/permitting/central\\_registry/index.html](http://www.tceq.texas.gov/permitting/central_registry/index.html).

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**Specific:**

**Table 1a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas**

★ **Complete this table for SRIC engines that meet the following criteria:**

- located at a site that is a major source of NO<sub>x</sub>, as defined in 30 TAC Chapter 117: and,
- located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour Ozone Nonattainment Areas; and
- located at a site that is not an electric power generating system owned or operated by an electric cooperative, municipality, river authority, public utility or a Public Utility Commission of Texas regulated utility; or,
- if located in Parker County, the site does not generate electric power for compensation

**Unit ID No.:**

Enter the identification number (ID No.) for the SRIC engines (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

★ **Complete “Horsepower Rating” if located in the Beaumont/Port Arthur or Dallas/Fort Worth Eight-Hour Ozone Nonattainment Areas.**

**Horsepower Rating:**

Select one of the following options for the HP rating. Enter the code on the form.

For SRIC engines located in the Beaumont/Port Arthur Ozone Nonattainment Areas:

Code	Description
300-	HP is less than 300 (and unit is not a lean-burn gas-fired opt-in unit)
300+	HP is greater than or equal to 300
150+E2Y	Lean-burn, gas-fired SRIC with HP greater than or equal to 150 that is exempt from RACT requirements under 30 TAC § 117.103(b) but is included under either a Source Cap or an

Alternative Plant-Wide Emission Specification in 30 TAC §§ 117.123(a) or 117.115(a) as an opt-in unit (for SOP applications only)

For SRIC engines located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area:

Code	Description
50-	HP is less than 50
50+	HP is greater or equal to than 50

- ▼ **Continue if application area is located in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour Ozone Nonattainment Areas; or if in the Beaumont/Port Arthur Ozone Nonattainment Areas and “Horsepower Rating” is “300+” or “150+E2Y”**
- ★ **Complete “RACT Date Placed in Service” if located in the Beaumont/Port Arthur Ozone Nonattainment Area and “Horsepower Rating” is “300+.” If “Horsepower Rating” is “150+E2Y,” go to “Fuel Fired” and provide information from that point forward.**

#### **RACT Date Placed in Service:**

Select one of the following options for the date placed in service. Enter the code on the form.

Code	Description
92-	On or before November 15, 1992
92-93	After November 15, 1992 and on or before June 9, 1993
93-FCD	After June 9, 1993 and before the final compliance date specified in 30 TAC § 117.9000
FCD+	After June 9, 1993 and on or after the final compliance date specified in 30 TAC § 117.9000

- ★ **Complete “Functionally Identical Replacement” only if “RACT Date Placed in Service” is “93-FCD.”**

#### **Functionally Identical Replacement:**

Select one of the following options to identify if the unit is a functionally identical replacement for a unit or group of units that were in service on or before November 15, 1992. Enter the code on the form.

Code	Description
YES	Unit is a functionally identical replacement
NO	Unit is not a functionally identical replacement

- ▼ **Do not continue if located in the Beaumont/Port Arthur Ozone Nonattainment Area and:**
- **“Date Placed in Service” is “92-93” or “FCD+”; or**
  - **“Date Placed in Service” is “93-FCD” and “Functionally Identical Replacement” is “NO.”**

#### **Type of Service:**

Select one of the following options for the type of service. Enter the code on the form.

For SRIC engines located in the Beaumont/Port Arthur Ozone Nonattainment Areas:

Code	Description
EXEMPT	Used in research and testing, performance verification testing, solely to power other engines or turbines during startup, in response to and during the existence of any officially declared disaster or state of emergency or directly and exclusively in agricultural operations
EMERG	Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC § 117.103(a)(6)(D)]
DIESEL	Any stationary diesel engine
850-	Demonstrated to operate less than 850 hours per year, based on a rolling 12-month average (low annual capacity factor) [claiming exemption 30 TAC § 117.103(b)(2)]
ENG	Any other SRIC engine

For SRIC engines located in the Houston/Galveston/Brazoria Ozone Nonattainment Area:

<b>Code</b>	<b>Description</b>
EXEMPT	Used in research and testing, performance verification testing, solely to power other engines or turbines during startup, in response to and during the existence of any officially declared disaster or state of emergency or directly and exclusively in agricultural operations
EMERG	Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC § 117.303(a)(6)(D)] (exemption is not available for new, modified, reconstructed, or relocated diesel fuel fired SRIC engines placed into service on or after October 1, 2001)
D2001-	Existing diesel fuel-fired engine placed into service before October 1, 2001, operated less than 100 hours/year, on a rolling 12-month average that has not been modified, reconstructed, or relocated on or after October 1, 2001 [claiming exemption 30 TAC § 117.303(a)(10)]
D2001+	New, modified, reconstructed or relocated diesel fuel-fired engine, placed into service on or after October 1, 2001, operated less than 100 hours/year, on a rolling 12-month average (other than emergency situations) that meets the corresponding emission standard for non-road engines listed in 40 CFR § 89.112(a), Table 1 (October 23, 1998) and in effect at the time of installation [claiming exemption 30 TAC § 117.303(a)(11)]
ENG	Any other SRIC engine

For SRIC engines located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area:

<b>Code</b>	<b>Description</b>
EXEMPT	Used in research and testing, performance verification testing, solely to power other engines or turbines during startup, in response to and during the existence of any officially declared disaster or state of emergency or directly and exclusively in agricultural operations
EMERG	Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC § 117.403(a)(7)(D)] (exemption is not available for new, modified, reconstructed, or relocated diesel fuel fired SRIC engines placed into service on or after June 1, 2007)
W-EMER	Located in Wise County and used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC § 117.403(b)(2)(D)]
D2007-	Existing diesel fuel-fired engine placed into service before June 1, 2007, operated less than 100 hours/year, on a rolling 12-month average that has not been modified, reconstructed, or relocated on or after June 1, 2007 [claiming exemption 30 TAC § 117.403(a)(8)]
D2007+	Diesel fuel-fired engine, placed into service on or after June 1, 2007, operated less than 100 hours/year, on a rolling 12-month average (other than emergency situations) that meets the requirements for non-road engines [per 30 TAC § 117.403(a)(9)]
ENG	Any other SRIC engine

▼ Continue if “Type of Service” is “ENG,” “W-EMER,” or “EMERG.”

#### Fuel Fired:

Select one of the following options for the fuel fired by the engine. Enter the code on the form.

For GOP applications:

<b>Code</b>	<b>Description</b>
NG	Natural Gas (Engines authorized to operate under GOPs 511, 512, 513 and 514 must select this option except for black start engines, fire pump engines, emergency engines, and engines operated less than 100 hours per year, as allowed by the rule)
LFG	Landfill Gas
DIG	Digester Gas
ORG	Renewable, Non-fossil fuel gas other than landfill or digester gas



DSL	Petroleum-based diesel fuel
B100	Pure or “neat” biodiesel fuel
BXX	Blends of petroleum-based and biodiesel fuel
DUAL	Dual-fuel where at least one of the fuels is a fossil fuel
DUALN	Dual-fuel where both fuels are renewable non-fossil fuels

For SOP applications:

Code	Description
NG	Natural Gas
LFG	Landfill Gas
ORG	Renewable, Non-fossil fuel gas other than landfill gas
OFG	Fuel gas other than natural gas, landfill gas, and renewable, non-fossil fuel gas (propane, butane, refinery fuel gas, etc.)
DSL	Diesel fuel
B100	Pure or “neat” biodiesel fuel
BXX	Blends of petroleum-based and biodiesel fuel
DUAL	Dual-fuel where at least one of the fuels is a fossil fuel
DUALN	Dual-fuel where both fuels are renewable non-fossil fuels

- ▼ **Do not continue if in Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area and “Horsepower Rating” is “50-” and “Fuel Fired” is “NG,” “LFG,” “ORG” or “OFG.”**
- ▼ **Continue only if “Type of Service” is “ENG;” or if “Horsepower Rating” is “150+E2Y.”**

#### Engine Type:

Select one of the following options for the engine type as defined in 30 TAC Chapter 117. Enter the code on the form.

Code	Description
LEANBURN	Lean-burn
RICHBURN	Rich-burn

- ★ **Complete “ESAD Date Placed in Service” only for the following:**
  - **GOP or SOP applications for sites located in the Houston/Galveston/Brazoria Ozone Nonattainment Area and “Fuel Fired” is NOT “NG,” “LFG,” “ORG” or “OFG;” or**
  - **GOP or SOP applications for sites located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area and “Fuel Fired” is NOT “DUAL” or “DUALN.”**

#### ESAD Date Placed in Service:

Select one of the following options for the date the engine was placed into service. Enter the code on the form.

For dual fuel engines located in the Houston/Galveston/Brazoria Ozone Nonattainment Area.

Code	Description
2001-	Placed into service on or prior to December 31, 2000.
2001+	Placed into service after December 31, 2000.

For diesel engines located in the Houston/Galveston Ozone Nonattainment Area, please select the code that defines the most recent date that the engine was installed, modified, reconstructed, or relocated.

Code	Description
-01	Placed into service before October 1, 2001 and has not been modified, reconstructed, or relocated on or after October 1, 2001.
01-02	Installed, modified, reconstructed, or relocated on or after October 1, 2001 but before October 1, 2002.
02-03	Installed, modified, reconstructed, or relocated on or after October 1, 2002 but before October 1, 2003.

03-04	Installed, modified, reconstructed, or relocated on or after October 1, 2003 but before October 1, 2004.
04-05	Installed, modified, reconstructed, or relocated on or after October 1, 2004 but before October 1, 2005.
05-06	Installed, modified, reconstructed, or relocated on or after October 1, 2005 but before October 1, 2006.
06-07	Installed, modified, reconstructed, or relocated on or after October 1, 2006 but before October 1, 2007.
07+	Installed, modified, reconstructed, or relocated on or after October 1, 2007.

For gas fired lean-burn engines located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area.

Code	Description
2007-	Placed into service prior to June 1, 2007, and not modified, reconstructed, or relocated on or after June 1, 2007
2007+	Placed into service, modified, reconstructed, or relocated on or after June 1, 2007
2015-	Placed into service prior to June 1, 2015, and not modified, reconstructed, or relocated on or after June 1, 2015
2015+	Placed into service, modified, reconstructed, or relocated on or after June 1, 2015.

For diesel engines located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area, please select the code that defines the most recent date that the engine was installed, modified, reconstructed, or relocated.

Code	Description
3109-	Placed into service before March 1, 2009 and has not been modified, reconstructed, or relocated on or after March 1, 2009.
3109+	Installed, modified, reconstructed, or relocated on or after March 1, 2009.

★ **Complete “Diesel HP Rating” only for sites located in the Dallas/Fort Worth Eight-Hour or Houston/Galveston/Brazoria Ozone Nonattainment Area and “Fuel Fired” is “DSL,” “B100” or “BXX.”**

#### Diesel HP Rating:

Select one of the following options for the horsepower rating of the diesel engine. Enter the code on the form.

For diesel SRIC engines located in the Houston/Galveston/Brazoria Ozone Nonattainment Area:

Code	Description
11-	Horsepower rating is less than 11 HP.
11-25	Horsepower rating is 11 HP or greater, but less than 25 HP.
25-50	Horsepower rating is 25 HP or greater, but less than 50 HP.
50-100	Horsepower rating is 50 HP or greater, but less than 100 HP.
100-175	Horsepower rating is 100 HP or greater, but less than 175 HP.
175-300	Horsepower rating is 175 HP or greater, but less than 300 HP.
300-600	Horsepower rating is 300 HP or greater, but less than 600 HP.
600-750	Horsepower rating is 600 HP or greater, but less than 750 HP.
750+	Horsepower rating is 750 HP or greater.

For diesel SRIC engines located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area:

Code	Description
50-	Horsepower rating is less than 50 HP.
50-100	Horsepower rating is 50 HP or greater, but less than 100 HP.
100-750	Horsepower rating is 100 HP or greater, but less than 750 HP.
750+	Horsepower rating is 750 HP or greater.

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**Table 1b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas**


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**Unit ID No.:**

Enter the identification number (ID No.) for the SRIC engines (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

SOP applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB XXXX]).

GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at

[www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**NOx Emission Limitation:**

Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable NOx emission specifications of 30 TAC Chapter 117. Select one of the following options. Enter the code on the form.

For GOP applications:

<b>Code</b>	<b>Description</b>
105	Title 30 TAC §§ 117.105(a)(1), (a)(3), (d), or (e) [relating to Emission Specifications for Reasonably Available Control Technology] (use for SRIC engines in the Beaumont/Port Arthur Ozone Nonattainment Area) 410 A Title 30 TAC § 117.410(a) [relating to Emission Specifications for Eight-Hour Attainment Demonstration] (use for SRIC engines in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area)
410A	Title 30 TAC § 117.410(a)(4) [relating to Emission Specifications for Eight-Hour Attainment Demonstration] (use for SRIC engines in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area)
310D	Title 30 TAC § 117.310(d)(3) [relating to Emission Specifications for Attainment Demonstration] (use for SRIC engines in the Houston/Galveston/Brazoria Ozone Nonattainment Area)
405B	Title 30 TAC § 117.405(b)(2)(A) [relating to Emission Specifications for Reasonably Available Control Technology (RACT) gas-fired rich-burn engines used in Wise County]
WS4C	White Superior four-cycle lean-burn engine is complying with Title 30 TAC § 117.405(b)(2)(B)(i)
C2C	Clark two-cycle lean-burn engine is complying with Title 30 TAC § 117.405(b)(2)(B)(ii)
FM2C	Fairbanks Morse MEP two-cycle lean-burn engine is complying with Title 30 TAC § 117.405(b)(2)(B)(iii)
WSE	All other lean-burn engines located in Wise County complying with Title 30 TAC § 117.405(b)(2)(B)(iv)

For SOP applications:

For SRIC engines located in the Beaumont/Port Arthur Ozone Nonattainment Areas:

<b>Code</b>	<b>Description</b>
105	Title 30 TAC §§ 117.105(a)(1), (a)(3), (d) or (e) [relating to Emissions Specifications for Reasonably Available Control Technology]
APES	Engine is complying with an Alternative Plant-Wide Emissions Specification under Title 30 TAC § 117.115(a)
ACSS	Engine is complying with an Alternative Case Specific Specification under Title 30 TAC § 117.125(a)
SC	Engine is complying with a Source Cap under Title 30 TAC § 117.123(a)

For SRIC engines located in the Houston/Galveston/Brazoria Ozone Nonattainment Area:

<b>Code</b>	<b>Description</b>
310D	Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(9) [relating to mass emissions cap and trade in Chapter 101, Subchapter H, Division 3, and Emission Specifications for Attainment Demonstration]
ACF	Engine is complying with an annual capacity factor specification under Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(17)

For SRIC engines located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area:

<b>Code</b>	<b>Description</b>
410A	Title 30 TAC § 117.410(a)(4) [relating to Emission Specifications for Eight-Hour Attainment Demonstration]
405B	Title 30 TAC § 117.405(b)(2)(A) [relating to Emission Specifications for Reasonably Available Control Technology (RACT) gas fired rich burn engines used in Wise County]
ACF	Engine is complying with an annual capacity factor specification under Title 30 TAC § 117.410(a)(14)
SC	Engine is complying with a Source Cap under Title 30 TAC § 117.423(a)
WS4C	White Superior four-cycle-lean-burn engine is complying with Title 30 TAC § 117.405(b)(2)(B)(i)
C2C	Clark two-cycle-lean-burn engine is complying with Title 30 TAC § 117.405(b)(2)(B)(ii)
FM2C	Fairbanks Morse MEP two-cycle-lean-burn engine is complying with Title 30 TAC § 117.405(b)(2)(B)(iii)
WSE	All other -lean-burn engines located in Wise County complying with Title 30 TAC § 117.405(b)(2)(B)(iv)

★ **Complete “23C-Option” only if “NOx Emission Limitation” is “SC.”**

#### **23C-Option:**

Select one of the following § 117.123(c)(1) or 423(c)(1) options for monitoring. Enter the code on the form.

<b>Code</b>	<b>Description</b>
23C-A	CEMS and a totalizing fuel flow meter per § 117.123(c)(1)(A) or § 117.423(c)(1)(A).
23C-B	PEMS and a totalizing fuel flow meter per § 117.123(c)(1)(B) or § 117.423(c)(1)(B).
23C-C	Rate measured by hourly emission rate testing per § 117.123(c)(1)(C) or § 117.423(c)(1)(C).

★ **Complete “30 TAC Chapter 116 Limit” only if “NOx Emission Limitation” is “105.”**

#### **30 TAC Chapter 116 Limit:**

Select one of the following descriptions for the 30 TAC Chapter 116 permit limit. Enter the code on the form.

For units having a 30 TAC Chapter 116 permit in effect on June 9, 1993:

<b>Code</b>	<b>Description</b>
93Y	NOx emission limit in 30 TAC § 117.105 is greater than the NOx emission limit in a 30 TAC Chapter 116 permit
93N	NOx emission limit in 30 TAC § 117.105 is not greater than the NOx emission limit in a 30 TAC Chapter 116 permit

For units placed into service after June 9, 1993 and prior to the final compliance date specified in 30 TAC §§ 117.9000 or 117.9020(1) as a functionally identical replacement for an existing unit, or group of units, and limited to the cumulative maximum rated capacity of the units replaced:

<b>Code</b>	<b>Description</b>
95Y	Emission limit in 30 TAC §§ 117.105 or is greater than the NOx emission limit in any 30 TAC Chapter 116 permit issued after June 9, 1993
95N	Emission limit in 30 TAC §§ 117.105 or is not greater than the NOx emission limit in any 30 TAC Chapter 116 permit issued after June 9, 1993

- ★ **Complete “EGF System Cap Unit” only if located in the Houston/Galveston/Brazoria Ozone Nonattainment Area.**

**EGF System Cap Unit:**

Enter “YES” if the engine is used as an electric generating facility to generate electricity for sale to the electric grid. Otherwise, enter “NO.”

*Units with electric output entirely dedicated to industrial customers or that generate electricity primarily for internal use are not considered as electric generating facilities generating electricity for sale to the electric grid and are not subject to the system cap requirements of 30 TAC § 117.320. “Entirely dedicated” may include up to two weeks per year of service to the electric grid when the industrial customer’s load sources are not operating. Units generating electricity primarily for internal use are those that have previously or will transfer generated electricity to a utility power distribution system at a rate less than 3.85% of actual electrical generation.*

**NOx Averaging Method:**

Select one of the following options for the method used to comply with the applicable emission limitation. Enter the code on the form.

Code	Description
30D	Complying with the applicable emission limit using a 30-day rolling average
1HR	Complying with the applicable emission limits using a block one-hour average

**NOx Reduction:**

Select one of the following NOx reduction options. Enter the code on the form.

Code	Description
WATER	Water or steam injection
NSCR	Nonselective catalytic reduction
POST1	Post combustion control technique with urea or ammonia injection
POST2	Post combustion control technique with chemical reagent other than urea or ammonia
OTHER	Other post combustion control method
NONE	No NOx reduction

**NOx Monitoring System:**

Select the appropriate code to indicate the type of monitoring system used.

For units without a monitoring system:

Code	Description
MERT	Maximum emission rate testing in accordance with 30 TAC § 117.8000

For all other units:

Code	Description
CEMS	Continuous emissions monitoring system
PEMS	Predictive emissions monitoring system
75ARC	CEMS used to comply with 40 CFR Part 75 (pertaining to acid rain) (for SOP applications only)
75ARP	PEMS used to comply with 40 CFR Part 75 (pertaining to acid rain) (for SOP applications only)

- ▼ **Continue only if application type is SOP.**

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**Table 1c: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas**


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**Unit ID No.:**

Enter the identification number (ID No.) for the SRIC engines (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

SOP applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB XXXX]).

GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and numbers, please go to the TCEQ website at

[www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Fuel Flow Monitoring:**

Select one of the following options to indicate how fuel flow is monitored. Enter the code on the form.

<b>Code</b>	<b>Description</b>
X40A	Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a)
X40A2-A	Unit operates with a NO <sub>x</sub> and diluents CEMS and monitors stack exhaust flow per 30 TAC §§ 117.140(a)(2)(A), 117.340(a)(2)(A) or 117.440(a)(2)(A)
X40A2-B	Unit vents to a common stack with a NO <sub>x</sub> and diluents CEMS and uses a single totalizing fuel flow meter per 30 TAC §§ 117.140(a)(2)(B), 117.340(a)(2)(B) or 117.440(a)(2)(B).
X40A2-C	The unit is a diesel engine operating with a run time meter and using monthly fuel use records maintained for each engine per 30 TAC §§ 117.340(a)(2)(C) or 117.440(a)(2)(C) [Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour Ozone Nonattainment Areas only]
X40A2-D	The unit is equipped with a continuous monitoring system that continuously monitors horsepower and hours of operation per 30 TAC §§ 117.140(a)(2)(D), 117.340(a)(2)(D) or 117.440(a)(2)(D).

★ **Complete “CO Emission Limitation” only for SOP applications.**

**CO Emission Limitation:**

Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable CO emission specifications of 30 TAC Chapter 117. Select one of the following options. Enter the code on the form.

For SRIC engines located in the Beaumont/Port Arthur Ozone Nonattainment Areas:

<b>Code</b>	<b>Description</b>
105	Title 30 TAC § 117.105(d) or (e) [relating to Emissions Specifications for Reasonably Available Control Technology]
ACSS	Engine is complying with an Alternative Case Specific Specification under 30 TAC § 117.125(a)

For SRIC engines located in the Houston/Galveston/Brazoria Ozone Nonattainment Area:

<b>Code</b>	<b>Description</b>
310C	Title 30 TAC § 117.310(c)(1) 400 ppmv option
310CG	Title 30 TAC § 117.310(c)(1) 3 g/HP-hr option
ACSS	Engine is complying with an Alternative Case Specific Specification under 30 TAC § 117.325(a)

For SRIC engines located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area:

Code	Description
410C	Title 30 TAC § 117.410(c)(1) [relating to Emission Specifications for Eight-Hour Attainment Demonstration]
405D	Title 30 TAC § 117.405(d)(1) [relating to Emission Specifications for Eight-Hour Attainment Demonstration]
ACSS	Engine is complying with an Alternative Case Specific Specification under 30 TAC § 117.425(a)

#### CO Averaging Method:

Select one of the following options for the method used to comply with the applicable emission limitation. Enter the code on the form.

Code	Description
30D	Complying with the applicable emission limit using a 30-day rolling average
1HR	Complying with the applicable emission limits using a block one-hour average

#### CO Monitoring System:

Select one of the following options to indicate how the unit is monitored for CO exhaust emissions. Enter the code on the form.

Code	Description
CEMS	Continuous emissions monitoring system complying
PEMS	Predictive emissions monitoring system complying
OTHER	Other than CEMS or PEMS

★ **Complete “NH<sub>3</sub> Emission Limitation” only for SOP applications and only if “NO<sub>x</sub> Reduction” is “POST1.”**

#### NH<sub>3</sub> Emission Limitation:

Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable NH<sub>3</sub> emission specifications of 30 TAC Chapter 117. Select one of the following options. Enter the code on the form.

For SRIC engines located in the Beaumont/Port Arthur Ozone Nonattainment Areas:

Code	Description
105	Title 30 TAC §§ 117.105(g) [relating to Emissions Specifications for Reasonably Available Control Technology]
ACSS	Engine is complying with an Alternative Case Specific Specification under 30 TAC § 117.125(a)

For SRIC engines located in the Houston/Galveston/Brazoria Ozone Nonattainment Area:

Code	Description
310C	Title 30 TAC § 117.310(c)(2) [relating to Emission Specifications for Attainment Demonstration]
ACSS	Engine is complying with an Alternative Case Specific Specification under 30 TAC § 117.325(a)

For SRIC engines located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area:

Code	Description
410C	Title 30 TAC § 117.410(c)(2) [relating to Emission Specifications for Attainment Demonstration] (use for engines in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area)
405D	Title 30 TAC § 117.405(d)(2) [relating to Emission Specifications for Attainment Demonstration] (use for engines in Wise County in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area)
ACSS	Engine is complying with an Alternative Case Specific Specification under 30 TAC § 117.425(a)

*Note: If using some other alternative, such as an alternate reasonably available control technology, alternate means of control, or emission reduction credit, the type of alternate used will need to be explained in a cover letter or some other attachment to the permit application.*

**NH<sub>3</sub> Monitoring:**

Select one of the following options to indicate how the unit is monitored for NH<sub>3</sub> emissions. Enter the code on the form.

Code	Description
CEMS	Continuous emissions monitoring system
PEMS	Predictive emissions monitoring system
MBAL	Mass balance
OXY	Oxidation of ammonia to nitric oxide (NO)
STUBE	Stain tube

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**Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**

★ **Complete this table for all stationary Reciprocating Internal Combustion Engines (RICE) in GOP and SOP applications that are not being tested at a stationary RICE test cell:**

**Unit ID No.:**

Enter the identification number (ID No.) for the stationary reciprocating internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**HAP Source:**

Select one of the following options to describe the HAP source classification

Code	Description
MAJOR	The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2
AREA	The site is an area source of hazardous air pollutants as defined in 40 CFR § 63.2

**Brake HP:**

Select one of the following options to indicate the brake horsepower (HP). Enter the code on the form.

Code	Description
100-	Stationary RICE with a brake HP less than 100 HP
100-250	Stationary RICE with a brake HP greater than or equal to 100 and less than 250 HP
250-300	Stationary RICE with a brake HP greater than or equal to 250 HP and less than 300 HP
300-500	Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP
500+	Stationary RICE with a brake HP greater than 500 HP
5000+	Stationary RICE with a brake HP of 5,000 HP or greater (use only for 4 stroke spark ignited richburn RICE)

**Construction/Reconstruction Date:**

Select one of the following options that describe the date of commencement of the most recent construction or reconstruction. Enter the code on the form.

Code	Description
02-	Commenced construction or reconstruction before December 19, 2002
02-06	Commenced construction or reconstruction on or after December 19, 2002, but before June 12, 2006



06+ Commenced construction or reconstruction on or after June 12, 2006

- ★ **Complete “Nonindustrial Emergency Engine” only if “HAP Source” is “AREA” and “Construction/Reconstruction Date” is “02-” or “02-06.”**

**Nonindustrial Emergency Engine:**

Enter “YES” if the Stationary RICE is defined in 40 CFR §63.6675 as a residential emergency RICE, a commercial emergency RICE, or an institutional emergency RICE. Otherwise, enter “NO.”

- ▼ **Do not continue if “HAP Source” is “AREA” and:**
- **“Construction/Reconstruction Date” is “06+,” or**
  - **“Nonindustrial Emergency Engine” is “YES.”**

**Service Type:**

Select one of the following options that describe the type of service the stationary RICE is used for. Enter the code on the form. Note: The provisions of 40 CFR §63.6640(f)(2)(ii) and (f)(2)(iii) for emergency engines have been vacated by the U.S. Court of Appeals for the District of Columbia Circuit.

<b>Code</b>	<b>Description</b>
FUEL	Combusts landfill or digester gas equivalent to 10 % or more of the gross heat input on an annual basis
LIM	Limited use
EMER-A	Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii)
EMER-B	Emergency use where the RICE operates for the purpose specified in 40 CFR §63.6640(f)(4)(ii) (Use only for RICE located at an area source)
BLSTRT	Black Start Use (use only for existing RICE, less than 500 HP, located at a major source; or existing RICE located at an area source)
NORMAL	Normal Use

- ▼ **Do not continue if “HAP Source” is “MAJOR” and:**
- **“Brake HP” is “500+” and “Service Type” is “LIM” or “EMER-A;” or**
  - **“Brake HP” is “500+” and “Construction/Reconstruction Date” is “02-,” and “Service Type” is “FUEL;” or**
  - **“Construction/Reconstruction Date” is “06+” and “Brake HP” is “100-,” “100-250,” “250-300,” or “300-500” and “Service Type” is “FUEL,” “LIM,” or “EMER-A,” or “EMER-B”.**

**Stationary Rice Type:**

Select one of the following options that describe the type of stationary RICE that you own or operate. Enter the code on the form.

<b>Code</b>	<b>Description</b>
2SLB	2 stroke spark ignited lean burn engine
4SLB	4 stroke spark ignited lean burn engine
4SLBR	remote 4 stroke spark ignited lean burn engine (use only for existing non-emergency, non-black start 4SLB with a site rating greater than 500 HP, located at an area source, that is a remote stationary RICE as defined in 40 CFR § 63.6675)
4SRB	4 stroke spark ignited rich burn engine
4SRBR	remote 4 stroke spark ignited rich burn engine (use only for existing non-emergency, non-black start 4SRB with a site rating greater than 500 HP, located at an area source, that is a remote stationary RICE as defined in 40 CFR § 63.6675)
CI	Compression ignition engine (use only for CI engines not meeting § 63.6603(d) or § 63.6603(e))
TIER1/2	Existing non-emergency CI RICE with a site rating of more than 300 HP located at an area source that is certified to the Tier 1 or Tier 2 emission standards electing to comply with the management practices as specified in 40 CFR § 63.6603(d)

**TIER3** Existing non-emergency CI RICE with a site rating of more than 300 HP located at an area source that is certified to the Tier 3 (Tier 2 for engines above 560 kilowatt (kW)) emission standards electing to comply with 40 CFR Part 60, Subpart IIII

- ▼ **Do not continue if “HAP Source” is “MAJOR” and “Construction/Reconstruction Date” is “06+” and “Service Type” is “NORMAL,” and:**
  - “Brake HP” is “100-,” “100-250,” “250-300,” or “300-500” and “Stationary RICE Type” is “2SLB,” “4SRB,” or “CI;” or
  - “Brake HP” is “100-” or “100-250” and “Stationary RICE Type” is “4SLB.”
- ▼ **Do not continue if “HAP Source” is “MAJOR” and “Construction/Reconstruction Date” is “02-” and “Brake HP” is “500+” and “Stationary RICE Type” is “2SLB” or “4SLB.”**
- ▼ **Do not continue if “HAP Source” is “MAJOR” and “Construction/Reconstruction Date” is “02-” or “02-06” and:**
  - “Service Type” is “BLSTRT,” “EMER-A,” or “EMER-B” and “Brake HP” is “100-,” “100-250,” “250-300,” or “300-500;” or
  - “Brake HP” is “100-” and “Service Type” is “LIM,” “NORMAL,” or “FUEL.”
- ▼ **Do not continue if “HAP Source” is “AREA” and:**
  - “Service Type” is “BLSTRT;” or
  - “Service Type” is “LIM” or “NORMAL,” and “Stationary RICE Type” is “CI,” and “Brake HP” is “100-,” “100-250,” or “250-300;” or
  - “Service Type” is “LIM” or “NORMAL,” and “Stationary RICE Type” is “2SLB;” or
  - “Service Type” is “LIM” or “NORMAL,” and “Stationary RICE Type” is “4SRB” or “4SLB” and “Brake HP” is “100-,” “100-250,” “250-300,” or “300-500;” or
  - “Brake HP” is “500+,” and “Service Type” is “LIM” or “NORMAL,” and “Stationary RICE Type” is “4SLBR” or “4SRBR;” or
  - “Service Type” is “EMER-A,” and “Stationary RICE Type” is “CI,” and “Brake HP” is “100-,” “100-250,” “250-300,” “300-500,” or “500+;” or
  - “Service Type” is “EMER-A” or “EMER-B,” and “Stationary RICE Type” is “2SLB” or “4SLB” or “4SRB,” and “Brake HP” is “100-,” “100-250,” “250-300,” “300-500,” or “500+;” or
  - “Service Type” is “FUEL.”
- ▼ **Do not continue if “HAP Source” is “MAJOR” and Construction/Reconstruction Date” is “02-,” 02-06,” or “06+,” and “Brake HP” is “500+,” and “Stationary RICE Type” is “2SLB,” “4SRB,” or “4SLB,” and “Service Type” is “EMER-B.”**
- ★ **“HAP Source is “MAJOR” and Construction/Reconstruction Date” is “02-,” 02-06,” or “06+,” and “Brake HP” is “500+,” and “Stationary RICE Type” is “CI,” and “Service Type” is “EMER-B,” complete “Displacement” on Table 2b only. No further information is required.**
- ★ **HAP Source” is “AREA” and Construction/Reconstruction Date” is “02-” or “02-06,” and “Brake HP” is “100-250” or “100-250” or “250-300” or “300-500” or “500+,” and “Stationary RICE Type” is “CI,” and “Service Type” is “EMER-B,” complete “Displacement” on Table 2b only. No further information is required.**

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**Table 2b:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
 

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**Unit ID No.:**

Enter the identification number (ID No.) for the stationary reciprocating internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

- ★ Complete “Manufacture Date” only if “Stationary RICE Type” is “4SLB” and “Brake HP” is “250-300” or “300-500” and “Construction/Reconstruction Date” is “06+.”

**Manufacture Date:**

Enter “YES” if the stationary RICE was manufactured on or after January 1, 2008. Otherwise, enter “NO.”

- ▼ Do not continue if “Manufacture Date” is “NO.”

- ★ Complete “Operating Hours” only if “HAP Source” is “AREA” and “Stationary RICE Type” is “4SLB” or “4SRB,” and “Brake HP” is “500+.”

**Operating Hours:**

Enter “YES” if the stationary RICE is operated less than 24 hours per calendar year. Otherwise, enter “NO.”

- ▼ Do not continue if “Operating Hours” is “YES.”

**Different Schedule:**

Enter “YES” if the Administrator has approved a different schedule for the submission of reports under 40 CFR § 63.10(a). Otherwise, enter “NO.”

- ▼ Do not continue if “HAP Source” is “MAJOR” and “Service Type” is “FUEL.”

**Emission Limitation:**

Select one of the following options for compliance with the emission limitations. Enter the code on the form.

Code	Description
76+	Reducing formaldehyde emission by 76% or greater (use for richburn, spark ignited engines)
76+THC	Complying with reducing formaldehyde emissions by 76% or greater by testing for THC instead of formaldehyde. Average reduction of THC emissions is 30% or greater. (use for non-emergency 4SRB RICE)
REDCO	Reducing carbon monoxide emissions from the stationary RICE
LIMCO	Limiting the concentration of carbon monoxide in the stationary RICE exhaust
CONC	Limiting formaldehyde concentration from the stationary RICE exhaust
REDTHC	Reducing THC emissions from the stationary RICE

- ▼ Continue only for SOP applications.

- ★ Complete “Displacement” and “Crankcase” only if “Service Type” is “NORMAL” or “LIM,” “Stationary RICE Type” is “CI,” “Brake HP” is “300-500” or “500+” and “Construction/Reconstruction Date” is “02-” or “02-06.”

- ★ Complete “Displacement” only if “Service Type” is “EMER-B,” “Stationary RICE Type is “CI,” “Brake HP” is “100-250,” “250-300,” “300-500” or “500+” and “Construction/Reconstruction Date” is “02-,” “02-06” or “06+.”

**Displacement:**

Enter “YES” if the stationary CI RICE has a displacement of less than 30 liters per cylinder and uses diesel fuel. Otherwise, enter “NO.”

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**Table 2c:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

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**Unit ID No.:**

Enter the identification number (ID No.) for the stationary reciprocating internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Crankcase:**

Enter “YES” if the stationary CI RICE is equipped with a closed crankcase ventilation system. Otherwise, enter “NO.”

**Performance Test:**

Enter “YES” if a performance test has been previously conducted that meets the conditions in 40 CFR § 63.6610(d)(1)-(5) or § 63.6612(b)(1)-(4). Otherwise, enter “NO.”

**Control Technique:**

Select one of the following options to indicate the type of control device used. Enter the code on the form.

For 4 strokes spark ignited rich burn engines (4 SRB):

Code	Description
NSCR	Non-selective catalytic reduction
OTHER1	Control technique other than non-selective catalytic reduction

For 2 strokes spark ignited lean burn engines (2 SLB), 4 strokes spark ignited lean burn engines (4 SLB), and compression ignition engines (CI):

Code	Description
OXCAT	Oxidation catalyst
OTHER2	Control technique other than an oxidation catalyst

- ★ Complete “Operating Limits” only if “Control Technique” is “OTHER1” or “OTHER2.”

**Operating Limits:**

Enter “YES” if the Administrator has been petitioned to establish operating limitations during the initial performance test. Otherwise, enter “NO.”

**Monitoring System:**

Select one of the following options to indicate the type of monitoring used. Enter the code on the form.

<b>Code</b>	<b>Description</b>
CEMS	Continuous emission monitoring system
CPMS	Continuous parameter monitoring system
OTHER	The owner or operator has chosen to use a monitoring system that is not a CEMS or CPMS.
SHUT1	The owner or operator has installed a system to shutdown the engine when the catalyst inlet temperature exceeds 1350°F (use only for existing non-emergency, non-remote 4SLB engines greater than 500 brake HP located at an area source)
SHUT2	The owner or operator has installed a system to shutdown the engine when the catalyst inlet temperature exceeds 1250°F (use only for existing non-emergency, non-remote 4SRB engines greater than 500 brake HP located at an area source)

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**Table 3:** Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117),  
Subchapter E: Multi-Region Combustion Control, Division 4: East Texas Combustion

- ★ Complete Table 3 only for stationary, gas-fired reciprocating internal combustion engines.
- ★ Complete Table 3 only for facilities located in Anderson, Brazos, Burleson, Camp, Cass, Cherokee, Franklin, Freestone, Gregg, Grimes, Harrison, Henderson, Hill, Hopkins, Hunt, Lee, Leon, Limestone, Madison, Marion, Morris, Nacogdoches, Navarro, Panola, Rains, Robertson, Rusk, Shelby, Smith, Titus, Upshur, Van Zandt, and Wood Counties.

**Unit ID No.:**

Enter the identification number (ID No.) for the stationary reciprocating internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Unit Type:**

Select one of the following options that describes the unit type. Enter the code on the form.

<b>Code</b>	<b>Description</b>
240-	The engine has a maximum rated horsepower capacity less than 240 HP.
RESEARCH	The engine is use for research and testing.
PERFV	The engine is used for purposes of performance verification and testing.
START	The engine is used solely to power other engines or gas turbines during startup.
EMERG	The engine is operated exclusively in emergency situations, except that operation for testing or maintenance purposes is allowed for up to 100 hours per year, based on a rolling 12-month average
DISASTER	The engine is used in response to and during the existence of any officially declared disaster or state of emergency.
AG	The engine is used directly and exclusively by the owner or operator for agricultural operations necessary for the growing of crops or raising of fowl or animals.
DIESEL	The engine is a diesel engine.
DUAL	The engine is a dual-fuel engine.
LEANBN	The engine is a gas-fired lean burn engine
NONE	The unit does not qualify for any exemptions under the rule.

▼ **Continue only if “Unit Type” is “NONE.”****Horsepower Rating:**

Select one of the following options to indicate the horsepower (HP). Enter the code on the form.

Code	Description
500-	Stationary gas-fired rich-burn RICE with a HP less than 500 HP.
500+	Stationary gas-fired rich-burn RICE with a HP equal to or greater than 500 HP.

★ **Complete “Landfill” only if “Horsepower Rating” is “500+.”****Landfill:**

Enter “YES” if the gas-fired rich-burn engine is fired on landfill gas. Otherwise, enter “NO.”

**Control Operations:**

Select one of the following options to indicate NO<sub>x</sub> operational control requirements. Enter the code on the form.

Code	Description
POST1	Post combustion control technique with urea or ammonia injection
POST2	Post combustion control technique with chemical reagent other than urea or ammonia
NSCR	The engine is controlled with nonselective catalytic reduction.
NONE	The engine is not using any of the above control operations.

**NO<sub>x</sub> and O<sub>2</sub> Monitoring:**

Select one of the following options to indicate NO<sub>x</sub> and O<sub>2</sub> monitoring used. Enter the code on the form.

Code	Description
CEMSNOX	The engine is using a CEMS to monitor NO <sub>x</sub> emissions
PEMSNOX	The engine is using a PEMS to monitor NO <sub>x</sub> emissions.
CEMSBOTH	The engine is using a CEMS to monitor both NO <sub>x</sub> and O <sub>2</sub> emissions.
NONE	The engine is not using any of the above methods (unit is complying with § 117.3330(b)(3) monitoring).

**Ammonia Use:**

Enter “YES” if urea or ammonia injection is used to control NO<sub>x</sub> emissions. Otherwise, enter “NO.”

▼ **Continue only if “Ammonia Use” is “YES.”****NH<sub>3</sub> Emission Limitation:**

Title 30 TAC Chapter 117 provides two methods to be in compliance with the applicable NH<sub>3</sub> limitation standards listed in 30 TAC Chapter 117, Subchapter E. Select one of the following options. Enter the code on the form.

Code	Description
3310	Title 30 TAC § 117.3310(e) [relating to Emission Specifications for Eight-Hour Attainment Demonstration]
ACSS	Unit is complying with an Alternative Case Specific Specification under 30 TAC § 117.3325

**Ammonia Monitoring:**

Select one of the following options that describes the ammonia monitoring used. Enter the code on the form.

Code	Description
CEMS	A continuous emissions monitoring system is used to monitor ammonia emissions.
PEMS	A parametric emissions monitoring system is used to monitor ammonia emissions.
MBAL	Mass balance
OXY	Oxidation of ammonia to nitric oxide (NO)
STUBE	Stain tube

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**Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines**


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**Unit ID No.:**

Enter the identification number (ID No.) for the stationary spark ignited internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Construction/Reconstruction/Modification Date:**

Enter "YES" if you own or operate a stationary spark ignition (SI) internal combustion engine (ICE) that commenced construction, reconstruction, or modification after June 12, 2006.

▼ **Do not continue if "Construction/Reconstruction/Modification Date" is "NO."**

**Test Cell:**

Enter "YES" if the SI ICE is being tested at an engine test cell/stand. Otherwise, enter "NO."

▼ **Do not continue if "Test Cell" is "YES."**

**Exemption:**

Select one of the following codes if the SI ICE is exempt from the requirements of NSPS JJJJ as described in 40 CFR Part 1068, Subpart C or 40 CFR Parts 90 and 1048. *Owners and operator, as well as manufactures may be eligible to request an exemption for national security.*

Code	Description
EXEMPT	The SI ICE is exempt as described in 40 CFR Part 1068 Subpart C or 40 CFR Parts 90 and 1048, OR due to national security
NONE	The SI ICE is not exempt

▼ **Do not continue if "Exemption" is "EXEMPT."**

**Temporary Replacement:**

Enter "YES" if the SI ICE is acting as a temporary replacement and is located at a stationary source for less than 1 year and has been properly certified to the standards that would be applicable to such engines under the appropriate non-road engine provisions. Otherwise, enter "NO."

▼ **Do not continue if "Temporary Replacement" is "YES."**

**Horsepower:**

Select one of the following options to indicate the maximum engine power in horsepower (HP). Enter the code on the form.

For SI ICE that are emergency use only

Code	Description
25-E	Maximum engine power less than or equal to 25 HP
25-100E	Maximum engine power greater than 25 HP and less than or equal to 100 HP
100-130E	Maximum engine power greater than 100 HP and less than 130 HP
130-500E	Maximum engine power greater than or equal to 130 HP and less than 500 HP
500+E	Maximum engine power greater than or equal to 500 HP

For SI ICE that are non-emergency use only

Code	Description
25-	Maximum engine power less than or equal to 25 HP
25-100	Maximum engine power greater than 25 HP and less than 100 HP
100-500	Maximum engine power greater than or equal to 100 HP and less than 500 HP
500-1350	Maximum engine power greater than or equal to 500 HP and less than 1350 HP
1350+	Maximum engine power greater than or equal to 1350 HP

#### Fuel:

Select one of the following options to indicate what fuel the SI ICE is using. Enter the code on the form.

Code	Description
GASO	SI ICE that uses gasoline
NATGAS	SI ICE that uses natural gas
RBLPG	SI ICE that is a rich-burn engine that uses liquefied petroleum gas (LPG)
LBLPG	SI ICE that is a lean-burn engine that uses liquefied petroleum gas (LPG)
LAND	SI ICE that is a landfill/digester gas engine
WELL	SI ICE that is a wellhead gas engine that cannot meet natural gas emission limits (use only for SOP applications and only if you are petitioning the EPA per § 60.4233(g); otherwise use "NATGAS")

★ Complete "AEL No." only if "FUEL" is "WELL."

#### AEL No.:

Enter the date of the Alternative Emission Limit approval letter from the EPA.

▼ Do not continue if "Fuel" is "WELL."

★ Complete "Lean Burn" only if BOTH of the following conditions are met:

- "Fuel" is "NATGAS" or "LAND" or "LBLPG;" and
- "Horsepower" is "500-1350."

#### Lean Burn:

Enter "YES" if the SI ICE is a lean-burn engine. Otherwise, enter "NO."

#### Commencing:

Select one of the following options to indicate the type of construction the SI ICE is commencing. Enter the code on the form.

Code	Description
CON	SI ICE was newly constructed after 06/12/2006
MOD	SI ICE was modified after 06/12/2006 (per §60.14)
RECON	SI ICE was reconstructed after 06/12/2006 (per §60.15)

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### **Table 4b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines**

#### Unit ID No.:

Enter the identification number (ID No.) for the stationary spark ignited internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).



**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Manufacture Date:**

Select one of the following options to indicate the date of manufacture of the SI ICE. Enter the code on the form. Please read each date and be careful in choosing the correct date code as each code is very specific to a certain type of SI ICE.

For SI ICE that is commencing *New Construction Only*

For SI ICE that is less than or equal to 25 HP (emergency or non-emergency)

Code	Description
N25-0708-	Date of manufacture is prior to July 1, 2008 (use for any cc)
N25-1211-	Date of manufacture is on or after July 1, 2008 to December 31, 2011 (use only for SI ICE that is less than 225cc)
N25-0112+	Date of manufacture is on or after January 1, 2012 (use only for SI ICE that is less than 225cc)
N25-1210-	Date of manufacture is on or after July 1, 2008 to December 31, 2010 (use only for SI ICE that is greater than or equal to 225cc)
N25-0111+	Date of manufacture is on or after January 1, 2011 (use only for SI ICE that is greater than or equal to 225cc)

For SI ICE that is greater than 25 HP (non-emergency only)

Code	Description
N0708-	Date of manufacture is prior to July 1, 2008 (use only for SI ICE that is less than 500 HP)
N0708+	Date of manufacture is on or after July 1, 2008 (use only for SI ICE that is less than 100 HP)
N08-10	Date of manufacture is on or after July 1, 2008 to December 31, 2010 (use only for SI ICE that is greater than or equal to 100 HP and less than 500 HP)
N0111+	Date of manufacture is on or after January 1, 2011 (use only for SI ICE that is greater than or equal to 100 HP and less than 500 HP)
N0707-	Date of manufacture is prior to July 1, 2007 (use only for SI ICE that is greater than or equal to 500 HP; except lean-burn SI ICE greater than or equal to 500 HP and less than 1350 HP)
N0108-	Date of manufacture is prior to January 1, 2008 (use only if "Lean Burn" is "YES")
N07-0610-	Date of manufacture is on or after July 1, 2007 to June 30, 2010 (use only for SI ICE that is greater than or equal to 500 HP; except lean-burn SI ICE greater than or equal to 500 HP and less than 1350 HP; as stated in Table 1 of 40 CFR 60 Subpart JJJJ)
N08-0610-	Date of manufacture is on or after January 1, 2008 to June 30, 2010 (use only if "Lean Burn" is "YES")
N0710+	Date of manufacture is on or after July 1, 2010 (use only for SI ICE that is greater than or equal to 500HP as stated in Table 1 of 40 CFR 60 Subpart JJJJ)
N08-	Date of manufacture is on or after July 1, 2007 to July 1, 2008 (use only if "Fuel" is "GASO" or "RBLPG" and SI ICE is greater than or equal to 500 HP) [as stated in § 60.4243(h)]
N08+	Date of manufacture is on or after July 1, 2008 (use only if "Fuel" is "GASO" or "RBLPG" and SI ICE is greater than or equal to 500 HP) [as stated in § 60.4243(h)]

For SI ICE that is greater than 25 HP (emergency only)

Code	Description
N0109-E	Date of manufacture is prior to January 1, 2009
N0109+E	Date of manufacture is on or after January 1, 2009 (use only for SI ICE that is greater than 25 HP and less than 130 HP)

N09-10E	Date of manufacture is on or after January 1, 2009 to December 31, 2010 (use only for SI ICE that is greater than or equal to 130 HP and less than 500 HP)
N0111+E	Date of manufacture is on or after January 1, 2011 (use only for SI ICE that is greater than or equal to 130 HP and less than 500 HP)
N09-610-E	Date of manufacture is on or after January 1, 2009 to June 30, 2010 (use only for SI ICE that is greater than or equal to 500 HP)
N0710+E	Date of manufacture is on or after July 1, 2010 (use only for SI ICE that is greater than or equal to 500HP)

For SI ICE that is commencing **Modification or Reconstruction Only**

For SI ICE that is less than or equal to 25 HP (emergency or non-emergency)

Code	Description
R25-0112-	Date of manufacture of SI ICE is prior to January 1, 2012(use only for SI ICE that is less than 225cc)
R25-0112+	Date of manufacture of SI ICE is on or after January 1, 2012(use only for SI ICE that is less than 225cc)
R25-0111-	Date of manufacture of SI ICE is prior to January 1, 2011(use only for SI ICE that is greater than or equal to 225cc)
R25-0111+	Date of manufacture of SI ICE is on or after January 1, 2011(use only for SI ICE that is greater than or equal to 225cc)

For SI ICE that is greater than 25 HP (non-emergency only)

Code	Description
R0708-	Date of manufacture is prior to July 1, 2008 (use only for SI ICE that is less than 500 HP)
R0708+	Date of manufacture is on or after July 1, 2008 (use only for SI ICE that is less than 500 HP)
R0707-	Date of manufacture is prior to July 1, 2007(use only for SI ICE that is greater than or equal to 500 HP; except lean-burn SI ICE greater than or equal to 500 HP and less than 1350 HP)
R0707+	Date of manufacture is on or after July 1, 2007 (use only for SI ICE that is greater than or equal to 500 HP; except lean-burn SI ICE greater than or equal to 500 HP and less than 1350 HP)
R0108-	Date of manufacture is prior to January 1, 2008 (use only if “Lean Burn” is “YES”)
R0108+	Date of manufacture is on or after January 1, 2008 (use only if “Lean Burn” is “YES”)

For SI ICE that is greater than 25 HP (emergency only)

Code	Description
R0708-E	Date of manufacture is prior to July 1, 2008 (use only for SI ICE that is less than 130 HP)
R0708+E	Date of manufacture is on or after July 1, 2008 (use only for SI ICE that is less than 130 HP)
R0109-E	Date of manufacture is prior to January 1, 2009(use only for SI ICE that is greater than or equal to 130 HP and less than 500 HP)
R09-10E	Date of manufacture is on or after January 1, 2009 to December 31, 2010 (use only for SI ICE that is greater than or equal to 130 HP and less than 500 HP)
R0111+E	Date of manufacture is on or after January 1, 2011 (use only for SI ICE that is greater than or equal to 130 HP and less than 500 HP)
R09-610-E	Date of manufacture is on or after January 1, 2009 to June 30, 2010 (use only for SI ICE that is greater than or equal to 500HP)
R0710+E	Date of manufacture is on or after July 1, 2010 (use only for SI ICE that is greater than or equal to 500HP)

▼ **Do not continue if “Manufacture Date” is “N25-0708-,” “N0708-,” “N0707-,” “N0109-E,” or “N0108-.”**

★ **Complete “Displacement” only if “Horsepower” is “25-” or “25-E.”**

#### Displacement:

Select one of the following options to indicate the engine displacement in cubic centimeters (cc). Enter the code on the form.

Code	Description
66-	Engine displacement is less than 66cc
66-100	Engine displacement is greater than or equal to 66cc and less than 100cc
100-225	Engine displacement is greater than or equal to 100cc and less than 225cc
225+	Engine displacement is greater than or equal to 225cc

★ **Complete “Certified” only if “Commencing” is “CON.”**

**Certified:**

Enter “YES” if you purchased a certified SI ICE. Otherwise, enter “NO.”

★ **Complete “Operation” only if “Certified” is “YES.”**

**Operation:**

Enter “YES” if you are operating and maintaining the certified SI ICE and control device according to manufacturer’s written instructions. Otherwise, enter “NO.”

★ **Complete “Certified Modification” only if “Commencing” is “MOD” or “RECON.”**

**Certified Modification:**

Enter “YES” if you purchased, or otherwise own/operate, a modified/reconstructed SI ICE that is certified. Otherwise, enter “NO.”

**Service:**

Select one of the following options to indicate what type of service the SI ICE is performing. Enter the code on the form.

Code	Description
EMERG	SI ICE is an emergency engine
NON	SI ICE is a non-emergency engine

★ **Complete “Severe Duty” only if either of the following conditions are met:**

- “Fuel” is “GASO” or “RBLPG,” and “Service” is “NON,” and “Horsepower” is greater than 25 HP; or
- “Fuel” is not “GASO” or “RBLPG” and “Service” is “NON,” and “Horsepower” is “25-100.”

**Severe Duty:**

Enter “YES” if the SI ICE is a severe-duty engine. Otherwise, enter “NO.”

★ **Complete “Optional Compliance” only if “Horsepower” is “500-1350” or “1350+” and “Fuel” is “GASO” or “RBLPG” and “Manufacture Date” is “N08-”.**

**Optional Compliance:**

Select one of the following options to indicate the optional compliance requirements you are choosing to perform.

Code	Description
PURCH	Choosing to purchase an engine certified according to 40 CFR Part 1048 and install and configure the engine according to manufacturer’s specifications.
RECORD	Choosing to keep records as indicated in § 60.4243(h)(1), (h)(2), or (h)(3)

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**Table 5a:** Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart III: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

**Unit ID No.:**

Enter the identification number (ID No.) for the stationary compression ignition internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60III-XX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Applicability Date:**

Select one of the following options to indicate the construction, reconstruction, or modification date of the stationary compression ignition (CI) internal combustion engine (ICE). Enter the code on the form.

Code	Description
2005+	Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005
2005-	Stationary CI ICE commenced construction, reconstruction, or modification on or before 07/11/2005

▼ **Do not continue if “Applicability Date” is “2005-.”****Exemptions:**

Select one of the following options to indicate which exemption could apply to the CI ICE. Enter the code on the form.

Code	Description
TEST	The CI ICE is being tested at an engine test cell/stand
NATSEC	The CI ICE is exempt due to national security
TEMP	The CI ICE is acting as a temporary replacement and is located at a stationary source for less than 1 year and has been properly certified to the standards that would be applicable to such engines under the appropriate non-road engine provisions
NONE	The CI ICE is not eligible for any of these exemptions

▼ **Continue only if “Exemptions” is “NONE.”****Service:**

Select one of the following options to indicate what type of service the CI ICE is performing. Enter the code on the form.

Code	Description
NON	CI ICE is a non-emergency engine
EMERG	CI ICE is an emergency engine
FIRE	CI ICE is a fire-pump engine (an emergency engine certified to National Fire Protection Association requirements)

**Commencing:**

Select one of the following options to indicate what type of construction occurred after 07/11/2005. Enter the code on the form.

Code	Description
CON	CI ICE was newly constructed after 07/11/2005
MOD	CI ICE was modified after 07/11/2005 (per §60.14)
RECON	CI ICE was reconstructed after 07/11/2005 (per §60.15)

★ **Complete “Manufacture Date” only if “Commencing” is “CON.”****Manufacture Date:**

Select one of the following options to indicate when the CI ICE was manufactured. Enter the code on the form.

For CI ICE for which “Service” is “NON” or “EMERG”

Code	Description
0406-	Date of manufacture was on or prior to 04/01/2006.
0406+	Date of manufacture was after 04/01/2006.

For CI ICE for which “Service” is “FIRE”

Code	Description
0706-	Date of manufacture was on or prior to 07/01/2006.
0706+	Date of manufacture was after 07/01/2006.

▼ **Do not continue if “Manufacture Date” is “0406-” or “0706-.”**

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**Table 5b:** Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart III: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

**Unit ID No.:**

Enter the identification number (ID No.) for the stationary compression ignition internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60III-XX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Diesel:**

Select one of the following codes to indicate fuel being used. Enter the code on the form.

Code	Description
DIESEL	Diesel fuel is used
AES	Alternative Emission Standard has been approved by the EPA Administrator

★ **Complete “AES No.” only if “Diesel” is “AES.”**

**AES No.:**

If an AES has been approved by the EPA administrator, enter the corresponding AES unique identifier for each unit (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the AES approval letter in the table column. The unique identifier and/or the date of the approval letter are contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

▼ **Do not continue if “Diesel” is “AES.”**

**Displacement:**

Select one of the following options to indicate the displacement of the CI ICE (expressed in liters per cylinder). Enter the code on the form.

Code	Description
10-CS	Displacement is less than 10 liters per cylinder and is a constant-speed engine. <i>(Use only if “Service” is “NON” or “EMERG.”)</i>
10-	Displacement is less than 10 liters per cylinder.
10-15	Displacement is greater than or equal to 10 and less than 15 liters per cylinder.
15-20	Displacement is greater than or equal to 15 and less than 20 liters per cylinder.
20-25	Displacement is greater than or equal to 20 and less than 25 liters per cylinder.
25-30	Displacement is greater than or equal to 25 and less than 30 liters per cylinder.
30+	Displacement is greater than or equal to 30 liters per cylinder.

★ **Complete “Generator Set” only if “Service” is “NON” and “Displacement” is “10-.”**

**Generator Set:**

Enter “YES” if the CI ICE is a generator set engine. Otherwise, enter “NO.”

★ Do not complete “Model Year” if “Displacement” is “30+.”

**Model Year:**

Select one of the following options to indicate what model year the CI ICE was manufactured in. Enter the code on the form.

Code	Description
2007-	CI ICE was manufactured prior to model year 2007.
2007	CI ICE was manufactured in model year 2007.
2008	CI ICE was manufactured in model year 2008.
2009	CI ICE was manufactured in model year 2009.
2010	CI ICE was manufactured in model year 2010.
2011	CI ICE was manufactured in model year 2011.
2012	CI ICE was manufactured in model year 2012.
2013	CI ICE was manufactured in model year 2013.
2014	CI ICE was manufactured in model year 2014.
2015	CI ICE was manufactured in model year 2015.
2016	CI ICE was manufactured in model year 2016.
2017+	CI ICE was manufactured in model year 2017 or later.

★ Complete “Install Date” only if “Displacement” is “30+.”

**Install Date:**

Select one of the following options to indicate what year the CI ICE was installed. Enter the code on the form.

Code	Description
2012-	The CI ICE was installed prior to 2012.
2012+	The CI ICE was installed in 2012 or later (use only if “Service” is “EMERG” or “FIRE”).
2012-2015	The CI ICE was installed in 2012 through 2015.
2016+	The CI ICE was installed in 2016 or later.

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**Table 5c:** Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

**Unit ID No.:**

Enter the identification number (ID No.) for the stationary compression ignition internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60IIII-XX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

★ Do not complete “Kilowatts” if “Displacement” is “30+.”

**Kilowatts:**

Select one of the following options to indicate the power rating of the CI ICE expressed in Kilowatts (KW). Enter the code on the form.

For non-emergency and emergency (NOT fire pump) CI ICE manufactured prior to model year 2007

<b>Code</b>	<b>Description</b>
8-	Power rating is less than 8 KW.
8-19	Power rating is greater than or equal to 8 KW and less than 19 KW.
19-37	Power rating is greater than or equal to 19 KW and less than 37 KW.
37-75	Power rating is greater than or equal to 37 KW and less than 75 KW.
75-130	Power rating is greater than or equal to 75 KW and less than 130 KW.
130-2237	Power rating is greater than or equal to 130 KW and less than or equal to 2237 KW.
2237+	Power rating is greater than or equal to 2237 KW.

For non-emergency CI ICE manufactured in model year 2007 and later

For CI ICE with a displacement less than 10 liters per cylinder

<b>Code</b>	<b>Description</b>
N8-	Power rating is less than 8 KW.
N8-19	Power rating is greater than or equal to 8 KW and less than 19 KW.
N19-37	Power rating is greater than or equal to 19 KW and less than 37 KW.
N37-56	Power rating is greater than or equal to 37 KW and less than 56 KW.
N56-75	Power rating is greater than or equal to 56 KW and less than 75 KW.
N75-130	Power rating is greater than or equal to 75 KW and less than 130 KW.
N130-368	Power rating greater than or equal to 130 KW and less than or equal to 368 KW.
N368-560	Power rating is greater than 368 KW and less than 560 KW.
N560-900	Power rating greater than or equal to 560 KW and less than or equal to 900 KW.
N900-2237	Power rating is greater than 900 KW and less than or equal to 2237 KW.
N2237+	Power rating is greater than 2237 KW.

For CI ICE with a displacement greater than or equal to 10 and less than 30 liters per cylinder

<b>Code</b>	<b>Description</b>
N368-3300	Power rating is greater than 368 KW and less than 3300KW (use only if “Displacement” is “15-20” and “Model Year” is “2007” through “2013”).
N3300+	Power rating is greater than or equal to 3300 KW (use only if “Displacement” is “15-20” and “Model Year” is “2007” through “2013”).
N75-	Power rating is less than 75 KW.
N75-368	Power rating is greater than or equal to 75 KW and less than or equal to 368 KW.
N368-600	Power rating is greater than 368 KW and less than 600 KW.
N600-1400	Power rating is greater than or equal to 600 KW and less than 1400 KW.
N1400-2000	Power rating is greater than or equal to 1400 KW and less than 2000 KW.
N2000-3700	Power rating is greater than or equal to 2000 KW and less than 3700 KW.
N3700+	Power rating is greater than or equal to 3700 KW.

For emergency (NOT fire pump) CI ICE manufactured in model year 2007 and later

For CI ICE with a displacement less than 10 liters per cylinder

<b>Code</b>	<b>Description</b>
E8-	Power rating is less than 8 KW.
E8-19	Power rating is greater than or equal to 8 KW and less than 19 KW.
E19-37	Power rating is greater than or equal to 19 KW and less than 37 KW.
E37-75	Power rating is greater than or equal to 37 KW and less than 75 KW.
E75-130	Power rating is greater than or equal to 75 KW and less than 130 KW.
E130-368	Power rating greater than or equal to 130 KW and less than or equal to 368 KW.
E368-560	Power rating greater than or equal to 368 KW and less than or equal to 560KW.
E560-2237	Power rating is greater than 560 KW and less than or equal to 2237 KW.
E2237+	Power rating is greater than 2237 KW.

For CI ICE with a displacement greater than or equal to 10 and less than 15 liters per cylinder

<b>Code</b>	<b>Description</b>
E75-	Power rating is less than 75 KW.
E75-368	Power rating is greater than or equal to 75 KW and less than or equal to 368 KW.
E368-600	Power rating is greater than 368 KW and less than 600 KW.
E600-1400	Power rating is greater than or equal to 600 KW and less than 1400 KW.
E1400-2000	Power rating is greater than or equal to 1400 KW and less than 2000 KW.
E2000-3700	Power rating is greater than or equal to 2000 KW and less than 3700 KW.
E3700+	Power rating is greater than or equal to 3700 KW.

For CI ICE with a displacement greater than or equal to 15 and less than 20 liters per cylinder

<b>Code</b>	<b>Description</b>
E368-3300	Power rating is greater than 368 KW and less than 3300 KW (use only if “Model Year” is 2013).
E75-	Power rating is less than 75 KW.
E75-368	Power rating is greater than or equal to 75 KW and less than or equal to 368 KW.
E368-600	Power rating is greater than 368 KW and less than 600 KW.
E600-1400	Power rating is greater than or equal to 600 KW and less than 1400 KW.
E1400-2000	Power rating is greater than or equal to 1400 KW and less than 2000 KW.
E2000-3300	Power rating is greater than or equal to 2000 KW and less than 3300 KW.
E3300+	Power rating is greater than or equal to 3300 KW.

For CI ICE with a displacement greater than or equal to 20 and less than 30 liters per cylinder

<b>Code</b>	<b>Description</b>
E75-	Power rating is less than 75 KW.
E75-368	Power rating is greater than or equal to 75 KW and less than or equal to 368 KW.
E368-600	Power rating is greater than 368 KW and less than 600 KW.
E600-1400	Power rating is greater than or equal to 600 KW and less than 1400 KW.
E1400-2000	Power rating is greater than or equal to 1400 KW and less than 2000 KW.
E2000+	Power rating is greater than or equal to 2000 KW.



For ALL fire pump CI ICE less than 30 liters per cylinder

<b>Code</b>	<b>Description</b>
F8-	Power rating is less than 8 KW.
F8-19	Power rating is greater than or equal to 8 KW and less than 19 KW.
F19-37	Power rating is greater than or equal to 19 KW and less than 37 KW.
F37-75	Power rating is greater than or equal to 37 KW and less than 75 KW.
F75-130	Power rating is greater than or equal to 75 KW and less than 130 KW.
F130-368	Power rating is greater than or equal to 130 KW and less than or equal to 368 KW.
F368-450	Power rating is greater than 368 KW and less than 450 KW.
F450-560	Power rating is greater than or equal to 450 KW and less than or equal to 560 KW.
F560+	Power rating is greater than 560 KW.

★ **Complete “Filter” only if “Service” is “NON.”**

**Filter:**

Enter “YES” if the CI ICE is equipped with a diesel particulate filter. Otherwise, enter “NO.”

★ **Complete “AECD” only if “Service” is “NON” or “EMERG.”**

**AECD:**

Enter “YES” if the CI ICE is equipped with auxiliary emission control devices (AECDs) pursuant to the requirements of 40 CFR 1039.665. Otherwise, enter “NO”.

★ **Complete “Standards” only if “Service” is “EMERG” or “FIRE.”**

**Standards:**

Enter “YES” if the emergency CI ICE meets the Tier 1, 2, 3, or 4 standards applicable to non-emergency engines (for the same KW and model year). Otherwise, enter “NO.”

**Compliance Option:**

Select one of the following options to indicate how compliance is being demonstrated. Enter the code on the form.

Select one of the following two options only if “Commencing” is “MOD” or “RECON.”

<b>Code</b>	<b>Description</b>
CERT	Engine certified to meet the emission standards in §60.4204(e) or §60.4205(f), as applicable.
NONCERT	Engine not certified to meet the emission standards in §60.4204(e) or §60.4205(f), as applicable.

Select one of the following five options only if “Commencing” is “CON:” **and**

- “Service” is “NON” or “EMERG” and “Displacement” is NOT “30+” and “Model Year” is “2007-”; **or**
- “Service” is “FIRE;” **and**
  - “Kilowatts” is “F8-”, “F8-19”, “F19-37”, or “F37-75” **and** “Model Year” is “2010” or prior; or
  - “Kilowatts” is “F75-130” **and** “Model Year” is “2009” or prior; or
  - “Kilowatts” is “F130-368”, “F368-450”, or “F450-560” **and** “Model Year” is “2008” or prior; or
  - “Kilowatts” is “F560+” **and** “Model Year” is “2007” or prior.

<b>Code</b>	<b>Description</b>
PURCH	Certified engine according to § 60.4211(b)(1).
SIMILAR	Records are kept on a similar engine according to § 60.4211(b)(2).
MDATA	Records are kept of manufacturer data according to § 60.4211(b)(3).
CDDATA	Records are kept of control device data according to § 60.4211(b)(4).
TEST	Performance test conducted according to § 60.4211(b)(5).

Select one of the following two options only if “Commencing” is “CON:” **and**

- “Service” is “NON” or “EMERG” and “Displacement” is **not** “30+” and “Model Year” is **not** “2007-”; **or**
- “Service” is “FIRE;” **and**
  - “Kilowatts” is “F8-”, “F8-19”, “F19-37”, or “F37-75” **and** “Model Year” is “2011” or later; **or**
  - “Kilowatts” is “F75-130” **and** “Model Year” is “2010” or later; **or**
  - “Kilowatts” is “F130-368”, “F368-450”, or “F450-560” **and** “Model Year” is “2009” or later; **or**
  - “Kilowatts” is “F560+” **and** “Model Year” is “2008” or later.

Code	Description
MANU YES	The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer’s emission-related written instructions.
MANU NO	The CI ICE and control device IS NOT installed, configured, operated, and maintained according to the manufacturer’s emission-related written instructions.

- ★ **Complete “PM Compliance” only if “Commencing” is “CON” and “Service” is “NON,” and “Displacement” is “30+.”**

#### PM Compliance:

Select one of the following options to indicate which Particulate Matter compliance option you are using. Enter the code on the form.

Code	Description
PM60	Particulate matter emissions are reduced by 60% or more
PM15	Particulate matter emissions are limited in the engine exhaust to 0.15 g/KW-hr

- ★ **Complete “Options” only if “Service” is “FIRE” and if one of the following conditions are met:**

- “Kilowatts” is “F37-75” and “Model Year” is “2011”, “2012,” or “2013”; **or**
- “Kilowatts” is “F75-130” and “Model Year” is “2010,” “2011”, or “2012”; **or**
- “Kilowatts” is “F130-368” or “F368-450” and “Model Year” is “2009,” “2010”, or “2011”

#### Options:

Select one of the following options to indicate the rated speed (in RPMs) and whether or not you are choosing to alternatively comply with the previous model year’s emission limits as stated in 40 CFR 60, Subpart IIII-Table 4 (Footnotes 1-3). Enter the code on the form.

Code	Description
2650-	The CI ICE rated speed is less than 2650 RPMs (Not allowed to comply with the previous model year’s emission limits).
2650+YES	The CI ICE rated speed is greater than 2650 RPMs and is complying with the previous model year’s emission limits.
2650+NO	The CI ICE rated speed is greater than 2650 RPMs but is not complying with the previous model year’s emission limits.

**Stationary Reciprocating Internal Combustion Engine Attributes**

**Form OP-UA2 (Page 1)**

**Federal Operating Permit Program**

**Table 1a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)**

**Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Horsepower Rating	RACT Date Placed in Service	Functionally Identical Replacement	Type of Service	Fuel Fired	Engine Type	ESAD Date Placed in Service	Diesel HP Rating

**Stationary Reciprocating Internal Combustion Engine Attributes  
Form OP-UA2 (Page 2)**

**Federal Operating Permit Program**

**Table 1b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)**

**Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	NO <sub>x</sub> Emission Limitation	23-C Option	30 TAC Chapter 116 Limit	EGF System CAP Unit	NO <sub>x</sub> Averaging Method	NO <sub>x</sub> Reduction	NO <sub>x</sub> Monitoring System

**Stationary Reciprocating Internal Combustion Engine Attributes  
Form OP-UA2 (Page 3)**

**Federal Operating Permit Program**

**Table 1c: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)**

**Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Fuel Flow Monitoring	CO Emission Limitation	CO Averaging Method	CO Monitoring System	NH <sub>3</sub> Emission Limitation	NH <sub>3</sub> Monitoring

**Stationary Reciprocating Internal Combustion Engine Attributes  
Form OP-UA2 (Page 4)**

**Federal Operating Permit Program**

**Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
1/23/2025	O-01631	100222488

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
61EMERGG1	63ZZZZ-61-EG1	MAJOR	500+	06+	NO	EMER-A	N/A
61EMERGG2	63ZZZZ-61-EG2	MAJOR	500+	06+	NO	EMER-A	N/A

**Stationary Reciprocating Internal Combustion Engine Attributes  
Form OP-UA2 (Page 5)**

**Federal Operating Permit Program**

**Table 2b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Manufacture Date	Operating Hours	Different Schedule	Emission Limitation	Displacement

**Stationary Reciprocating Internal Combustion Engine Attributes  
Form OP-UA2 (Page 6)**

**Federal Operating Permit Program**

**Table 2c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary 32B Reciprocating Internal Combustion Engines  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Crankcase	Performance Test	Control Technique	Operating Limits	Monitoring System



**Stationary Reciprocating Internal Combustion Engine Attributes  
Form OP-UA2 (Page 7)**

**Federal Operating Permit Program**

**Table 3: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117) Subchapter E: Multi-Region Combustion Control  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Unit Type	Horsepower Rating	Landfill	Control Operations	NO <sub>x</sub> and O <sub>2</sub> Monitoring	Ammonia Use	NHR <sub>3</sub> Emission Limitation	Ammonia Monitoring

**Stationary Reciprocating Internal Combustion Engine Attributes**  
**Form OP-UA2 (Page 8)**  
**Federal Operating Permit Program**  
**Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Construction/ Reconstruction/ Modification Date	Test Cell	Exemption	Temp Replacement	Horsepower	Fuel	AEL No.	Lean Burn	Commencing

**Stationary Reciprocating Internal Combustion Engine Attributes**  
**Form OP-UA2 (Page 9)**  
**Federal Operating Permit Program**  
**Table 4b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Manufacture Date	Displacement	Certified	Operation	Certified Modification	Service	Severe Duty	Optional Compliance

**Stationary Reciprocating Internal Combustion Engine Attributes  
Form OP-UA2 (Page 10)**

**Federal Operating Permit Program**

**Table 5a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
1/23/2025	O-01631	100222488

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
61EMERGG1	60IIII-61-EG1	2005+	None	EMERG	CON	0406+
61EMERGG2	60IIII-61-EG1	2005+	None	EMERG	CON	0406+

**Stationary Reciprocating Internal Combustion Engine Attributes  
Form OP-UA2 (Page 11)**

**Federal Operating Permit Program**

**Table 5b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
1/14/2025	O-01631	100222488

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
61EMERGG1	60IIII-61-EG1	DIESEL	N/A	10-CS	N/A	2012	2012-2015
61EMERGG2	60IIII-61-EG1	DIESEL	N/A	10-CS	N/A	2012	2012-2015

**Stationary Reciprocating Internal Combustion Engine Attributes  
Form OP-UA2 (Page 12)**

**Federal Operating Permit Program**

**Table 5c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
1/14/2025	O-01631	100222488

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
61EMERGG1	60IIII-61-EG1	E560-2237	N/A	YES	Yes	MANU YES	N/A	N/A
61EMERGG2	60IIII-61-EG1	E560-2237	N/A	YES	Yes	MANU YES	N/A	N/A

**Form OP-UA16**  
**Solvent Degreasing Machine Attributes**  
**Texas Commission on Environmental Quality**

**General:**

This form is used to provide a description and data pertaining to all solvent degreasing machines with potentially applicable requirements associated with a particular regulated entity number and application. Each table number, along with the possibility of a corresponding letter (i.e., Table 1a, Table 1b), corresponds to a certain state or federal rule. If the rule on the table is not potentially applicable to a solvent degreasing machine, then it should be left blank and need not be submitted with the application. The following solvent degreasing machines are considered off-permit sources and do not need to be listed:

- A. In counties not affected by title 30 TAC Chapter 115, remote reservoir or immersion type cold solvent degreasers which do not use solvent with methylene chloride, perchloroethylene, trichloroethylene, 1,1,1-Trichloroethane, carbon tetrachloride, chloroform, or any combination of these solvent in a total concentration greater than or equal to 5% by weight.
- B. In counties affected by 30 TAC Chapter 115, remote reservoir cold solvent cleaners which use solvents with a typ equal to or less than 0.6 psia measured at 100 degrees Fahrenheit, which do not use solvents with methylene chloride, perchloroethylene, trichloroethylene, 1,1,1-Trichloroethane, carbon tetrachloride, chloroform, or any combination of these solvent in a total concentration greater than or equal to 5% by weight, and which have a drain area of less than 16 in 2, provided waste solvent is disposed of in enclosed containers.

If the codes entered by the applicant show negative applicability to the rule or sections of the rule represented on the table, then the applicant need not complete the remainder of the table(s) that corresponds to the rule. Further instruction as to which questions should be answered and which questions should not be answered are located in the “Specific” section of the instruction text. The following is included in this form:

**Table 1:**                      **Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115) Subchapter E: Degreasing Processes**

**Tables 2a - 2c:**            **Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart T: National Emission Standards for Halogenated Solvent Cleaning**

The application area name from Form OP-1 entitled, “Site Information Summary” must appear in the header of each page for the purpose of identification for the initial submittal. The date of the initial form submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). **Leave the permit number blank for the initial form submittal.** If this form is included as part of the permit revision process, enter the permit number assigned by the TCEQ, the area name (from Form OP-1), and the date of the revision submittal.

Unit attribute questions that do not require a response from all applicants are preceded by qualification criteria in the instructions. If the unit does not meet the qualification criteria, a response to the question is not required. **Anytime a response is not required based on the qualification criteria, leave the space on the form blank.**

**Notwithstanding any qualification criteria in the form instructions or information provided in other TCEQ guidance, the applicant may leave an attribute question blank (or indicate “N/A” for “Not Applicable”) if the attribute is not needed for the applicable requirement determinations of a regulation for a unit.**

In some situations, the applicant has the option of selecting alternate requirements, limitations, and/or practices for a unit. Note that these alternate requirements, limitations, and/or practices must have the required approval from the TCEQ Executive Director and/or the U.S. Environmental Protection Agency Administrator *before* the federal operating permit application is submitted.

The Texas Commission on Environmental Quality (TCEQ) **requires** that a Core Data Form be submitted on **all** incoming registrations unless all of the following are met: The Regulated Entity *and* Customer Reference Numbers have been issued by the TCEQ and no core data information has changed. The Central Registry, a common record area of the TCEQ which maintains information about TCEQ customers and regulated activities, such as company names, addresses, and telephone

numbers. This information is commonly referred as “core data.” The Central Registry provides the regulated community with a central access point within the agency to check core data and make changes when necessary. When core data about a facility is moved to the Central Registry, two new identification numbers are assigned: the *Customer Reference (CN)* number and the *Regulated Entity (RN)* number. The Core Data Form is required if facility records are not yet part of the Central Registry or if core data for a facility has changed. If this is the initial registration, permit, or license for a facility site, then the Core

Data Form must be completed and submitted with application or registration forms. If amending, modifying, or otherwise updating an existing record for a facility site, the Core Data Form is not required, unless any core data information has changed. To review additional information regarding the Central Registry, go to the TCEQ website at [www.tceq.texas.gov/permitting/central\\_registry](http://www.tceq.texas.gov/permitting/central_registry).

### Specific:

#### **Table 1:** Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115), Subchapter E: Degreasing Processes

- ★ **Complete Table 1 only for solvent degreasing machines located in a county subject to 30 TAC Chapter 115 and using a volatile organic compound (VOC).**

#### **Unit ID No.:**

Enter the identification number (ID No.) for the solvent degreasing machine (maximum 10 characters) as listed on Form OP- SUM entitled, “Individual Unit Summary.”

#### **SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB- XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers please refer to the TCEQ guidance document entitled “Federal Operating Permit Application Guidance Document.”

#### **Solvent Degreasing Machine Type:**

Select one of the following options for the solvent degreasing machine type as pertains to 30 TAC Chapter 115. Enter the code on the form.

For SOP applications:

Code	Description
CONV	Conveyorized (vapor or cold) cleaning machine
VOT	Open-top vapor cleaning machine
COLD	Cold solvent cleaning machine
RRC-S	Remote reservoir cold solvent cleaning machine
550-	Degreasing operations located on a property which, when uncontrolled, can emit a combined weight of VOC less than 550 pounds in any consecutive 24-hour period [for degreasing operations located in Gregg, Nueces, or Victoria County and claiming exemption 30 TAC § 115.411(5)]

For GOP applications:

Code	Description
RRC-G	Remote reservoir cold solvent cleaning machine
OTHER	Other than remote reservoir cold solvent cleaning machine

*Note: Open-top vapor or conveyorized degreasing machines subject to 30 TAC Chapter 115 and degreasing machines using halogenated solvents do not qualify for a GOP.*

TCEQ 10030 (APD-ID51v1.0 revised 10/22) OP-UA16

This form is for use by sources subject to air quality permit requirements and may be revised periodically. (Title V Release 10/22)



**Alternate Control Requirement (ACR):**

If the TCEQ Executive Director has approved an ACR as allowed under 30 TAC § 115.413, enter "YES". Otherwise, enter "NO."

**Alternate Control Requirement ID. No.:**

If an ACR allowed under 30 TAC § 115.413 is used, then enter the corresponding ACR unique identifier for each unit (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the ACR approval letter in the table column. The unique identifier and/or the date of approval letter is contained in the compliance file under the appropriate account number. Otherwise, leave this column blank (GOP applicants must leave this column blank).

- ★ **Complete the Rest of Table 1 only if "Alternate Control Requirement" is "NO."**
- ★ **Complete "Solvent Sprayed," "Solvent Vapor Pressure," Solvent Heated or Agitated," "Parts Larger than Drainage," "Drainage Area," and "Disposal in Enclosed Containers" Only if "Solvent Degreasing Machine Type" is "COLD," "RRC-S," "RRC-G," or "OTHER."**

**Solvent Sprayed:**

Enter "YES" if a solvent is sprayed. Otherwise, enter "NO."

**Solvent Vapor Pressure:**

Select one of the following options for solvent vapor pressure (as measured at 100°F). Enter the code on the form.

For SOP applications:

Code	Description
0.6-	Solvent vapor pressure is less than or equal to 0.6 psia as measured at 100 degrees Fahrenheit
0.6+	Solvent vapor pressure is greater than 0.6 psia as measured at 100 degrees Fahrenheit

For GOP applications:

Code	Description
G0.6-	Solvent vapor pressure is less than or equal to 0.6 psia at 100 degrees Fahrenheit
G0.6+	Solvent vapor pressure is greater than 0.6 psia at 100 degrees Fahrenheit

**Solvent Heated:**

Enter "YES" if the solvent is heated to a temperature greater than 120 degrees Fahrenheit. Otherwise, enter "NO."

**Parts Larger Than Drainage:**

Enter "YES" if any cleaned part for which the machine is authorized to clean are larger than the internal drainage facility of the machine. Otherwise, enter "NO."

- ★ **Complete "Drainage Area" only if "Solvent Degreasing Machine Type" is "COLD" or "RRC-S", or if "Solvent Degreasing Machine Type" is "RRC-G" and "Solvent Vapor Pressure" is "G0.6-."**

**DRAINAGE AREA:**

Select one of the following options for drainage area. Enter the code on the form.

Code	Description
16-	Area is less than 16 square inches
16+	Area is greater than or equal to 16 square inches

**Disposal in Enclosed Containers:**

Enter "YES" if the waste solvent is properly disposed of in enclosed containers. Otherwise, enter "NO."

- ★ **Complete "Solvent/Air Interface Area" only if "Solvent Degreasing Machine Type" is "CONV."**

**Solvent/Air Interface Area:**

Select one of the following options for solvent/air interface area as pertains to 30 TAC Chapter 115. Enter the code on the form.

Code	Description
20-	Solvent/air interface is less than 20 square feet
20+	Solvent/air interface is greater than or equal to 20 square feet

- ★ **Complete “Emission Control Combinations” only if “Solvent Degreasing Machine Type” is “CONV” or “VOT.”**

**Emission Control Combinations:**

For solvent degreasing machines subject to the requirements of 30 TAC Chapter 115, select from the following options for emission control combinations. If more than one control technique is used, list each control technique on additional lines.

Code	Description
FBR	Freeboard with the ratio specified in 30 TAC § 115.412(1)(E) or 30 TAC § 115.412(2)(D)(i)
CHILL	Refrigerated chiller achieving 85% or greater control of VOC emissions
ENCL	Enclosed design
CADS	Carbon adsorber with ventilation greater than or equal to 50 cfm/ft <sup>2</sup> and exhausting less than 25 ppm of solvent volume averaged over one adsorption cycle

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**Table 2a:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart T: National Emission Standards for Halogenated Solvent Cleaning

- ★ **Complete for solvent cleaning machines using halogenated solvents.**

**Unit ID No.:**

Enter the identification number (ID No.) for the solvent cleaning machine (maximum 10 characters) as listed on Form OP-SUM entitled, “Individual Unit Summary.”

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB- XXXX]). For additional information relating to SOP index numbers, please refer to the TCEQ guidance document entitled “Federal Operating Permit Application Guidance Document.”

**Solvent Type:**

Enter “YES” if the unit uses one (or any combination) of the following halogenated hazardous air pollutant (HAP) solvents: methylene chloride, perchloroethylene, trichloroethylene, 1,1,1-trichloroethane, carbon tetrachloride, or chloroform in a total concentration greater than 5% by weight. Otherwise, enter “NO.”

**Solvent Cleaning Machine Type:**

Select one of the following options for the solvent cleaning machine type as it pertains to 40 CFR Part 63, Subpart T. Enter the code on the form.

Code	Description
INLN	In-line (vapor or cold) cleaning machine
CWCM	Continuous web cleaning machine
RRCWCM	Remote reservoir continuous web cleaning machine
CRRB	Non-immersion remote reservoir batch cold cleaning machine
CRRBIM	Immersion remote reservoir batch cold cleaning machine
CBAT	Batch cold cleaning machine other than a remote reservoir cold cleaning machine

VOTB	Open-top batch vapor cleaning machine
VBAT	Batch vapor cleaning machine other than open-top vapor
OTHER	Other solvent cleaning machine type

- ★ **Complete “Equivalent Methods of Control” only if “Solvent Cleaning Machine Type” is “INLN,” “CWCM,” “RRCWCM,” “VOTB,” or “VBAT.”**

#### **Equivalent Methods of Control:**

Enter “YES” if using equivalent equipment or procedures approved by the EPA Administrator, under 40 CFR § 63.469, to those prescribed for compliance within a specified paragraph of 40 CFR Part 63, Subpart T. Otherwise, enter “NO.”

#### **EMOC ID NO.:**

If an equivalent method of control (EMOC) has been approved, enter the corresponding EMOC unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the EMOC approval letter. The unique identifier and/or the date of the approval letter is contained in the compliance file under the appropriate account number. Otherwise, leave this column blank.

- ▼ **Do not continue if “Solvent Cleaning Machine Type” is “INLN,” “CWCM,” “RRCWCM,” “VOTB” or “VBAT” and “Equivalent Methods of Control” is “YES.”**

#### **Construction Date:**

Select one of the following options based on the commencement date of the most recent construction, modification, or reconstruction of the solvent degreasing machine. Enter the code on the form.

<b>Code</b>	<b>Description</b>
93-	Unit constructed, modified, or reconstructed on or before November 29, 1993
93+	Unit constructed, modified, or reconstructed after November 29, 1993

- ★ **Complete the remainder of Table 2a only if “Solvent Cleaning Machine Type” is “CRRB,” “CRRBIM,” or “CBAT.” If “Solvent Cleaning Machine Type” is NOT “CRRB,” “CRRBIM,” or “CBAT,” go to Table 2b.**
- ★ **Complete “Cold Cleaning Emission Control” only if “Solvent Cleaning Machine Type” is “CRRBIM” or “CBAT.”**

#### **Cold Cleaning Emission Control:**

For solvent degreasing machines subject to the requirements of 40 CFR Part 63, Subpart T, choose from the following codes to describe emission control. If more than one code is applicable, use additional rows to list each control technique.

<b>Code</b>	<b>Description</b>
FREBRD	Freeboard ratio is greater than or equal to 0.75
WATER	A water layer on the surface with thickness greater than or equal to 2.5 cm

- ★ **Complete “Cold Cleaning Work Practice Alternative” if “Solvent Cleaning Machine Type” is “CRRB” or if “Solvent Cleaning Machine Type” is “CRRBIM” or “CBAT”, and “Cold Cleaning Emission Control” includes “FREBRD.”**

#### **Cold Cleaning Work Practice Alternative:**

Enter “YES” if an alternative to the requirements of 40 CFR § 63.462(c)(1) - (8) have been approved. Otherwise, enter “NO.”

#### **Cold Cleaning Work Practice Alternative ID No.:**

If a work practice alternative has been approved, enter the corresponding unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the approval letter. The unique identifier and/or the date of the approval letter is contained in the compliance file under the appropriate account number. Otherwise, leave this column blank.

- ★ Complete “Additional Emission Control” if “Solvent Cleaning Machine Type” is “CRRB” and “Cold Cleaning Work Practice Alternative” is “NO;” or if “Solvent Cleaning Machine Type” is “CRRBIM” or “CBAT,” and “Cold Cleaning Emission Control” includes “FREBRD” and “Cold Cleaning Work Practice Alternative” is “NO.”

**Additional Emission Control:**

Choose from the following codes to describe emission control. If more than one code is applicable, use additional rows to list each control technique.

Code	Description
FHFD	Flexible hose or flushing device
AGTD	Air or pump-agitated solvent bath
BOTH	Flexible hose or flushing device and Air or pump-agitated solvent bath
NONE	None

- ▼ Continue only if “Solvent Degreasing Machine Type” is “INLN,” “CWCM,” “RRCWCM,” “VBAT,” or “VOTB.”

**Table 2b:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart T: National Emission Standards for Halogenated Solvent Cleaning

**Unit ID No.:**

Enter the identification number (ID No.) for the solvent cleaning machine (maximum 10 characters) as listed on Form OP- SUM entitled, “Individual Unit Summary.”

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB- XXXX]). For additional information relating to SOP index numbers, please refer to the TCEQ guidance document entitled “Federal Operating Permit Application Guidance Document.”

**Alternative Standard:**

Enter “YES” if complying with 40 CFR § 63.464 as an alternative to 40 CFR § 63.463. Otherwise, enter “NO”.

- ★ Complete “Solvent/Air Interface Area” only if “Solvent Cleaning Machine Type” is “VBAT” or “VOTB.”

**Solvent/Air Interface Area:**

Select one of the following options for solvent/air interface area as it pertains to 40 CFR Part 63, Subpart T. Enter the code on the form.

Code	Description
NONE	No solvent/air interface
13-	Solvent/air interface area is less than or equal to 13 ft <sup>2</sup> (1.21 m <sup>2</sup> )
13+	Solvent/air interface area is greater than 13 ft <sup>2</sup> (1.21 m <sup>2</sup> )

- ★ Complete “Machine Cleaning Capacity” Only if “Alternative Standard” is “YES” and “Solvent/Air Interface Area” is “NONE”.

**Machine Cleaning Capacity:**

Enter one of the following codes for solvent degreasing machine capacity.

Code	Description
780-	Capacity is less than or equal to 780 gallons (2.95 cubic meters)
780+	Capacity is greater than 780 gallons (2.95 cubic meters)

- ▼ Continue only if “Alternative Standard” is “NO.”

**Machine Exhaust:**

Select one option that describes the exhaust being used by the solvent cleaning machine. Enter the code on the form.

Code	Description
LIP	Solvent cleaning machine uses a lip exhaust
OTHER	Solvent cleaning machine uses an exhaust, internal to the machine, other than a lip exhaust
NONE	Solvent cleaning machine uses no exhaust internal to the machine

*Note: If "Machine Exhaust" is "LIP" or "OTHER," the "Control Combination" selected must include a carbon adsorption system.*

**Control Combinations:**

Select one option that describes the control combination or compliance option being used by the solvent cleaning machine. Enter the code on the form.

For batch vapor solvent cleaning machines with a solvent air interface of 13 square feet or less complying with the requirements of 40 CFR § 63.463(b)(1)(i) or § 63.463(b)(1)(ii):

Code	Description
TABLE1-1	Solvent cleaning machine uses a working mode cover, freeboard ratio of 1.0 and superheated vapor
TABLE1-2	Solvent cleaning machine uses a freeboard refrigeration device and superheated vapor
TABLE1-3	Solvent cleaning machine uses a working mode cover and freeboard refrigeration device
TABLE1-4	Solvent cleaning machine uses a reduced room draft, freeboard ratio of 1.0 and superheated vapor
TABLE1-5	Solvent cleaning machine uses a reduced room draft and freeboard refrigeration device
TABLE1-6	Solvent cleaning machine uses a freeboard refrigeration device and a freeboard ratio of 1.0
TABLE1-7	Solvent cleaning machine uses a freeboard refrigeration device and dwell
TABLE1-8	Solvent cleaning machine uses a reduced room draft, freeboard ratio of 1.0 and dwell
TABLE1-9	Solvent cleaning machine uses a freeboard refrigeration device and a carbon adsorber
TABLE1-10	Solvent cleaning machine uses a freeboard ratio of 1.0, superheated vapor and a carbon adsorber
IDLE22	Demonstrating compliance with the 0.22 kg/hr per square meter (0.045 lb/hr per square foot) of solvent air interface as specified in 40 CFR § 63.463(b)(1)(ii) or § 63.463(b)(2)(ii)

For batch vapor solvent cleaning machines with a solvent air interface of greater than 13 square feet complying with the requirements of 40 CFR § 63.463(b)(2)(i) or § 63.463(b)(2)(ii):

Code	Description
TABLE2-1	Solvent cleaning machine uses a freeboard refrigeration device, freeboard ratio of 1.0 and superheated vapor
TABLE2-2	Solvent cleaning machine uses a reduced room draft, freeboard refrigeration device and dwell
TABLE2-3	Solvent cleaning machine uses a working mode cover, freeboard refrigeration device and superheated vapor
TABLE2-4	Solvent cleaning machine uses a reduced room draft, freeboard ratio of 1.0 and superheated vapor
TABLE2-5	Solvent cleaning machine uses a reduced room draft, freeboard refrigeration device and superheated vapor
TABLE2-6	Solvent cleaning machine uses a reduced room draft, freeboard ratio of 1.0 and a freeboard refrigeration device
TABLE2-7	Solvent cleaning machine uses a freeboard refrigeration device, superheated vapor and a carbon adsorber
IDLE22	Demonstrating compliance with the 0.22 kg/hr per square meter (0.045 lb/hr per square foot) of solvent air interface as specified in 40 CFR § 63.463(b)(1)(ii) or § 63.463(b)(2)(ii)

For existing in-line solvent cleaning machines:

<b>Code</b>	<b>Description</b>
TABLE3-1	Solvent cleaning machine uses superheated vapor and a freeboard ratio of 1.0
TABLE3-2	Solvent cleaning machine uses a freeboard refrigeration device and a freeboard ratio of 1.0
TABLE3-3	Solvent cleaning machine uses a freeboard refrigeration device and dwell
TABLE3-4	Solvent cleaning machine uses a carbon adsorber and dwell
IDLE10	Demonstrating compliance with the 0.10 kg/hr per square meter (0.021 lb/hr per square foot) of solvent air interface as specified in 40 CFR § 63.463(c)(1)(ii) or § 63.463(c)(2)(ii)

For new in-line solvent cleaning machines:

<b>Code</b>	<b>Description</b>
TABLE4-1	Solvent cleaning machine uses superheated vapor and a freeboard refrigeration device
TABLE4-2	Solvent cleaning machine uses a freeboard refrigeration device and a carbon adsorber
TABLE4-3	Solvent cleaning machine uses superheated vapor and a carbon adsorber
IDLE10	Demonstrating compliance with the 0.10 kg/hr per square meter (0.021 lb/hr per square foot) of solvent air interface as specified in 40 CFR § 63.463(c)(1)(ii) or § 63.463(c)(2)(ii)

For existing continuous web solvent cleaning machines:

<b>Code</b>	<b>Description</b>
SVAPOR+1	Superheated vapor and a freeboard ratio of 1.0
SPART+1	Superheated part technology and a freeboard ratio of 1.0
FRD+1	Freeboard refrigeration device and a freeboard ratio of 1.0
CADS100	Carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
CADS70	Carbon adsorption system demonstrated to have an overall control efficiency of at least 70%

For new continuous web solvent cleaning machines:

<b>Code</b>	<b>Description</b>
SVAPRFRD	Superheated vapor and a freeboard refrigeration device
SPARTFRD	Superheated parts technology and a freeboard refrigeration device
FRDCAD100	Freeboard refrigeration device and a carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
VPRCAD100	Superheated vapor and a carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
PTCAD100	Superheated part technology and a carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
CADS70	Carbon adsorption system demonstrated to have an overall control efficiency of at least 70%

For new remote reservoir continuous web solvent cleaning machines:

<b>Code</b>	<b>Description</b>
SVAPOR	Superheated vapor
SPART	Superheated part technology
CADS100	Carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
CADS70	Carbon adsorption system demonstrated to have an overall control efficiency of at least 70%

For existing remote reservoir continuous web solvent cleaning machines:

Code	Description
NOCAD	Existing remote reservoir continuous web solvent cleaning machine does not have an exhaust and is not required to equip with a carbon adsorption system
CADS100	Carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
CADS70	Carbon adsorption system demonstrated to have an overall control efficiency of at least 70%

#### Alternative Monitoring Procedure:

Enter "YES" if using an alternative monitoring procedure (AMP) approved by the EPA Administrator and using a control device in 40 CFR §§ 63.466(a) through (e). Otherwise, enter "NO."

#### AMP ID No.:

If an AMP has been approved, enter the corresponding AMP unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the AMP approval letter. The unique identifier and/or the date of the approval letter is contained in the compliance file under the appropriate account number. Otherwise, leave this column blank.

- ★ **Complete "Superheated Part Monitoring" only if "Solvent Cleaning Machine Type" is "CWCM" and "Control Combination" is "SPART+1," "SPARTFRD" or "PTCAD100" and "Alternate Monitoring Procedures" is "NO"; or if "Solvent Cleaning Machine Type" is "RRCWCM," and "Control Combination" is "SPART" and "Alternate Monitoring Procedures" is "NO."**

#### Superheated Part Monitoring:

Enter "YES" if compliance with the monitoring provisions of 40 CFR § 63.466(a)(4) is selected. Otherwise, enter "NO."

### **Table 2c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart T: National Emission Standards for Halogenated Solvent Cleaning**

#### Unit ID No.:

Enter the identification number (ID No.) for the solvent cleaning machine (maximum 10 characters) as listed on Form OP- SUM entitled, "Individual Unit Summary."

#### SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB- XXXX]). For additional information relating to SOP index numbers, please refer to the TCEQ guidance document entitled "Federal Operating Permit Application Guidance Document."

- ★ **Complete "Air Disturbance Control Option" only if "Solvent Cleaning Machine Type" is "CWCM," "INLN", "VOTB", or "VBAT."**

#### Air Disturbance Control Option:

Select one option that describes how the solvent cleaning machine is complying with the requirement to control air disturbance as specified in 40 CFR § 63.463(a)(1) or § 63.463(g)(3)(i). Enter the code on the form.

For in-line or batch vapor solvent cleaning machines:

Code	Description
RRD	Using reduced room draft and monitoring and controlling room parameters
RRDENCL	Using reduced room draft achieved through use of a partial or total enclosure
COVER	Using an idling or downtime cover

For continuous web solvent cleaning machines:

Code	Description
RRD	Using reduced room draft and monitoring and controlling room parameters
RRDENCL	Using reduced room draft achieved through use of a partial or total enclosure
COVER	Using an idling or downtime cover
GASKET	Using gasketed or leakproof doors to separate the continuous web part feed and take-up reels from the room atmosphere
PRESS-	Machine is under negative pressure during idling and downtime and is vented to a carbon adsorber meeting the requirements of 40FR § 63.463(e)(2)(vii) or § 63.463(g)(2)

- ★ **Complete “Continuous Web Work Practice Option” only if “Solvent Cleaning Machine Type” is “CWCM” or “RRCWCM.”**

**Continuous Web Work Practice Option:**

Select one option that describes how the solvent cleaning machine is complying with the requirements of 40 CFR § 63.463(g)(3)(iii) or § 63.463(h)(2)(i). Enter the code on the form.

Code	Description
SPEED	Using an automated parts handling system capable of moving parts or parts baskets at a speed of 3.4 meters/minute (11 feet/minute) or less
AKNIFE	Using an air knife system
SQUEEG	Using a squeegee system
BOTH	Using both an air knife and squeegee system

- ★ **Complete “§ 63.466(a)-(e) Control” only if “Control Combination” is “IDLE22” or “IDLE10.”**

**§ 63.466(a)-(e) CONTROL:**

Enter “YES” if the solvent cleaning machine is using any of the controls in 40 CFR § 63.466(a)-(e). Otherwise, enter “NO.”

- ▼ **Continue only if “Control Combination” is “IDLE22” or “IDLE10” and “§ 63.466(a)-(e) Control” is “YES.”**

**Freeboard Refrigeration Device:**

Enter “YES” if the solvent cleaning machine is using a freeboard refrigeration device. Otherwise, enter “NO.”

**Working Mode Cover:**

Enter “YES” if the solvent cleaning machine is using a working mode cover. Otherwise, enter “NO.”

**Dwell:**

Enter “YES” if the solvent cleaning machine is using a dwell. Otherwise, enter “NO.”

**Superheated Vapor:**

Enter “YES” if the solvent cleaning machine is using superheated vapor. Otherwise, enter “NO.”

**Carbon Adsorber:**

Enter “YES” if the solvent cleaning machine is using a carbon adsorber. Otherwise, enter “NO.”



**Solvent Degreasing Machine Attributes**  
**Form OP-UA16 (Page 1) Federal Operating Permit Program**  
**Table 1: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115) Subchapter E: Solvent Using Processes**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
1/23/2025	O-01631	100222488

Unit ID No.	SOP/GOP Index No.	Solvent Degreasing Machine Type	Alternate Control Requirement (ACR)	Alternate Control Requirement ID No.	Solvent Sprayed	Solvent Vapor Pressure	Solvent Heated	Parts Larger Than Drainage	Drainage Area	Disposal in Enclosed Containers	Solvent/Air Interface Area	Emission Control Combinations
CDB2-1	R5412-1	COLD	NO	N/A	NO	0.6-	NO	NO	16+	YES	N/A	N/A

**Solvent Degreasing Machine Attributes**  
**Form OP-UA16 (Page 12) Federal Operating Permit Program**  
**Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart T: National Emission Standards for Halogenated Solvent Cleaning**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Solvent Type	Solvent Cleaning Machine Type	Equivalent Methods of Control	EMOC ID No.	Construction Date	Cold Cleaning Emission Control	Cold Cleaning Work Practice Alternative	Cold Cleaning Work Practice Alternative ID No.	Additional Emission Control

**Solvent Degreasing Machine Attributes**  
**Form OP-UA16 (Page 3) Federal Operating Permit Program**  
**Table 2b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63) Subpart T:**  
**National Emission Standards for Halogenated Solvent Cleaning**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Alternative Standard	Solvent/Air Interface	Machine Cleaning Capacity	Machine Exhaust	Control Combinations	Alternative Monitoring Procedure	AMP ID No.	Superheated Part Monitoring

**Solvent Degreasing Machine Attributes**  
**Form OP-UA16 (Page 4) Federal Operating Permit Program**  
**Table 2c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63) Subpart T:**  
**National Emission Standards for Halogenated Solvent Cleaning**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Air Disturbance Control Option	Continuous Web Work Practice Option	§ 63.466(a) - (e) Control	Freeboard Refrigeration Device	Working Mode Cover	Dwell	Superheated Vapor	Carbon Adsorber

**Texas Commission on Environmental Quality  
Federal Operating Permit Program  
Individual Unit Summary for Revisions  
Form OP-SUMR Instructions**

**General:**

This form is used for federal operating permit (FOP) revision and renewal applications only. FOP revision and renewal applications must include Form OP-2 (Application for Permit Revision/Renewal), at a minimum.

As a general procedure, when applying for a FOP revision or renewal, only the changes that are the subject of the revision need to be addressed in this form. For the preconstruction authorization section, only include information for the new or changed preconstruction authorization numbers.

The term “unit” in these instructions have the meaning of “emission unit” as defined in Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122). The term “process” refers to a collection of units or devices that have a physical relationship, or source cap, where a regulatory requirement is potentially applicable to the process as a whole. Additional information on process is discussed on Form OP-SUM. Units and processes must be identified when they are to be added to or removed from the permit, or when they are to be added to or removed from a group.

For information regarding units, groups and processes that must be addressed in an application and information regarding preconstruction authorizations, refer to Form OP-SUM (Individual Unit Summary), the Unit Attribute (UA) forms (which are located at [www.tceq.texas.gov/permitting/air/nav/air\\_all\\_ua\\_forms.html](http://www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html)), or the TCEQ guidance document located at [www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title\\_V/additional\\_fop\\_guidance.pdf](http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/additional_fop_guidance.pdf).

The Company Name and Area name (from Form OP-1, Section I and X, respectively) must appear in the header of each page for the purpose of identification. The date of submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). Any subsequent submittals must show the date of revision. Also, enter the Regulated Entity Reference Number (RNXXXXXXXX) and (FOP) Permit Number (OXXXX).

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**Specific:**

**Table 1**

*Complete Table 1 if the revision is adding a new emission unit, emission point, or process or deleting an existing emission unit, emission point, or process. Table 2 is not required unless the revision includes an emission unit, emission point, or process being added to or deleted from a group.*

*Deleting a unit on this form will also serve to delete the unit from a group as well as delete any associated requirements in the Applicable Requirements Summary in the issued permit. These deletions will not need to be represented on Form OP-REQ3 (Applicable Requirements Summary).*

**Unit/Process**

**Action Indicator (AI):**

Enter “A” if the emission unit, emission point, or process indicated is an addition to the existing permit. Enter “D” if the existing emission unit, emission point, or process indicated is being deleted from the permit. If an emission unit, emission point, or process is not being added/deleted from the permit, leave blank.

**Revision No.:**

Enter the revision number identified on Form OP-2, Table 2. This number will link the specified change to the appropriate permit revision.

**ID No.:**

For emission units, processes, or emission points with potentially applicable requirements that are being added to the permit, enter the facility identification numbers (FINs) or emission point numbers (EPNs) as listed in the TCEQ State of Texas Air Reporting System (STARS). If the FIN or EPN currently does not exist in the STARS, then a new identification number (ID No.) that is consistent with the existing numbering system must be provided by the applicant. For existing units, enter the ID No. that is currently identified in the issued federal operating permit.

*Note: The ID Nos. listed in the "ID No." column cannot begin with "GRP," the character sequence reserved for group ID Nos.*

**Applicable Form:**

Enter the number of the UA form which contains the specific information regarding the corresponding emission unit, emission point, or process (i.e., for flares, enter OP-UA7 entitled "Flare Attributes"). See [www.tceq.texas.gov/permitting/air/nav/air\\_all\\_ua\\_forms.html](http://www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html) for a list of UA forms. Enter the UA Form number if the UA form is used in conjunction with Form OP-REQ2 for negative applicability or if the emission unit, emission point, or process has positive applicability in addition to the negative applicability. Enter "OP-REQ2" if all of the following are true:

1. negative applicability is shown through the use of Form OP-REQ2;
2. no unit attribute information is used to substantiate the negative applicability; and
3. the emission unit, emission point, or process has no positive applicability.

The applicable form entered on Form OP-REQ2 must match the applicable form entered on Form OP-SUMR for the emission unit, emission point, or process.

**Name/Description:**

For emission units, emission points, or processes being added to the permit, enter a text name or description for the unit from the STARS whenever possible (maximum 50 characters). If no STARS name currently exists, a new name that is consistent with the existing naming convention must be provided by the applicant.

**★ Complete "CAM" only if the revision incorporates requirements for 40 CFR Part 64, Compliance Assurance Monitoring (CAM).**

The following question relating to CAM is for reference only. Certification by the Responsible Official (RO) pursuant to 30 TAC § 22.165 does not extend to the information which is designated on forms as "for reference only."

**CAM:**

Indicate if the unit is subject to CAM, by placing a "Y" in the box next to the unit. Please refer to 40 CFR Part 64 to determine applicability.

*Note: For each new emission unit or emission point, at least one preconstruction authorization must be indicated; however, an emission unit or emission point may have multiple authorizations. Preconstruction authorizations listed on this form should also be identified on Form OP-REQ1.*

**30 TAC Chapter 116/30 TAC Chapter 106:**

List all 30 TAC Chapter 116 or 30 TAC Chapter 106 preconstruction authorizations, including PBR registration numbers, under which the unit or process is operating. Use additional lines to list multiple authorizations.

1. **Permit Number:** Enter the TCEQ NSR permit number(s) (XXXXX), for example, 12345. This includes special permits and standard permit registrations. Do not enter PSD permits and nonattainment permits.
2. **Permit by Rule (previously called Standard Exemption):** For each PBR claimed or registered under 30 TAC Chapter 106, and each standard exemption claimed or registered previously under 30 TAC Chapter 116, enter the number and effective date in the appropriate format shown below.

*Note: If units authorized by PBRs are being added or deleted or PBR registration numbers are being added or deleted, these changes must also be identified on Form OP-PBR SUP.*

**Format**

106.XXX/MM/DD/YYYY[rrrr]

XXX/MM/DD/YYYY[rrrr]

Format

**PBR/Standard Exemption Claimed or Registered Date**

Authorized on or after March 14, 1997 (except 106.181 is on or after December 27, 1996)

Authorized prior to March 14, 1997

XXX = 30 TAC Chapter 116 standard exemption number or 30 TAC Chapter 106 PBR number.

MM/DD/YYYY = Standard exemption or PBR effective date, approval date, or modification completion date.

Information on Chapter 116 version dates is available at

[www.tceq.texas.gov/permitting/air/permitbyrule/historical\\_rules/oldselist/se\\_index.html](http://www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/oldselist/se_index.html).

Information on Chapter 106 version dates is available at

[www.tceq.texas.gov/permitting/air/permitbyrule/historical\\_rules/old106list/index106.html](http://www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/old106list/index106.html).

[rrrr] = Registration number for the authorization. If multiple registration numbers apply, list them separated by commas. Examples: Standard exemptions and PBRs would be reflected in Form OP-SUMR as follows:

Authorization	Std. Ex./PBR No.	Date Authorized	Format
Authorized on or after March 14, 1997	106.473	July 25, 1997	106.473/03/14/1997[1010, 2020]
Authorized prior to March 14, 1997	53	October 20, 1990	53/09/12/1989[1010, 2020]

Please note that prior to March 14, 1997, a standard exemption list was incorporated by reference into 30 TAC Chapter 116, and each standard exemption had an assigned number (e.g., 112). Standard exemptions moved into 30 TAC Chapter 106 on March 14, 1997. Each standard exemption now resides in a section of 30 TAC Chapter 106 (e.g., 30 TAC § 106.148) and is now referred to as a PBR. Information regarding PBRs may be found on the TCEQ website at [www.tceq.texas.gov/permitting/air/nav/air\\_pbr.html](http://www.tceq.texas.gov/permitting/air/nav/air_pbr.html).

The applicant has the option of claiming a newer and more stringent version of the standard exemption or PBR if the original applicable version of the standard exemption or PBR cannot easily be determined. As an example of a standard exemption authorized before March 14, 1997, Standard Exemption No. 6 had an effective date of August 30, 1988. It was then amended with a new effective date of July 20, 1992. The standard exemption identifier for a compressor engine constructed in 1993 and registered under Standard Exemption No. 6 would be represented as 6/07/20/1992[rrrr], where [rrrr] is the registration number. As an example of a PBR authorized on or after March 14, 1997, Standard Exemption No. 6 had an effective date of June 7, 1996. It was then amended and moved to 30 TAC § 106.512 with an effective date of March 14, 1997. The PBR identifier for a compressor engine constructed in 1998 and registered under 30 TAC § 106.512 would be represented as 106.512/03/14/1997[rrrr], where [rrrr] is the registration number.

Also, please note that as of August 1, 2020, PBR registration numbers are required to be submitted on this form.

**Title I:**

List all Title I preconstruction authorization (PSD and nonattainment permits) for which the unit is operating. Use multiple lines to list all authorizations. If no Title I preconstruction authorizations apply to the unit, please leave this field blank.

- Prevention of Significant Deterioration (PSD) Permit:** Enter the PSD permit number (PSDTXXXX), for example, PSDTX123. If the PSD permit has been modified, include the "M" suffix (PSDTXXXXMXX), for example, PSDTX123M5.
- Nonattainment Permit:** Enter each nonattainment permit number (NXXXXX), for example, N123. If the nonattainment permit has been modified, include the "M" suffix (NXXXMXX), for example, N123M5.

**Table 2**

Complete Table 2 only if an emission unit, emission point, or process is being added to or deleted from a group.

**Revision No.:**

Enter the revision number identified on Form OP-2, Table 2. This number will link the specified change to the appropriate permit revision.

**ID No.:**

Enter the identification numbers (ID No.) as listed on Table 1 for the emission units, processes, or emission points. If Table 1 is not required, for emission units, processes, or emission points being added to the permit, enter the FINs or EPNs as listed in the STARS for emission units, processes, or emission points with potentially applicable requirements. If the FIN or EPN currently does not exist in the STARS, then a new ID No. that is consistent with the existing numbering system must be provided by the applicant. For existing units, enter the ID No. that is currently identified in the issued federal operating permit.

*Note: The ID Nos. listed in the "ID No." column cannot begin with "GRP," the character sequence reserved for group ID Nos.*

**Applicable Form:**

Enter the number of the UA form which contains the specific information regarding the corresponding emission unit, emission point, or process (i.e., for flares, enter OP-UA7 entitled "Flare Attributes"). See [www.tceq.texas.gov/permitting/air/nav/air\\_all\\_ua\\_forms.html](http://www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html) for a list of UA forms. Enter "OP-ACPS," if the unit ID No. is entered on this form, strictly as a result of completing Form OP-ACPS and no UA form is submitted (see Form OP-ACPS instructions for additional guidance). Enter the UA form number if the UA form is used in conjunction with Form OP-REQ2 for negative applicability, or if the emission unit, emission point, or process has positive applicability in addition to the negative applicability. Enter "OP-REQ2" if all of the following are true:

1. negative applicability is shown through the use of Form OP-REQ2;
2. no unit attribute information is used to substantiate the negative applicability; and
3. the emission unit, emission point, or process has no positive applicability.

The applicable form entered on Form OP-REQ2 must match the applicable form entered on form OP-SUMR for the emission unit, emission point, or process.

**Group AI:**

Enter "A" if the emission unit, emission point, or process identified in the "ID No." column is being added to a group. Enter "D" if the existing emission unit, emission point, or process identified in the "ID No." column is being deleted from a group. If the revision item does not add or delete an emission unit, emission point, or process to or from a group, leave blank.

**Group ID No.:**

If applicable, enter the unique ID No. for the group (for purposes of completing the unit attribute and applicable requirement forms) in the appropriate format. If the revision item does not add or delete an emission unit, emission point or process to or from a group, leave blank.

Code Format	Description
GRPXXXXXX	Identification number of the group for which the unit is a member

*(First three characters must be "GRP")*



**Table 3**

**Complete Table 3 only for Affected Sources that are subject to the following Program(s): Acid Rain, Cross-State Air Pollution Rule (CSAPR), and/or Texas SO<sub>2</sub> Trading Program.**

**General:**

The Acid Rain Program Permit Requirements, as defined in 30 TAC Chapter 122, Subchapter E, require that the Designated Representative (DR) or Alternate Designated Representative (ADR) submit a permit application for each facility (affected source) with an affected unit. A complete permit application is binding on the owners and operators of the affected source and is enforceable in the absence of a permit until the permitting authority either issues a permit to the source or disapproves the application. The responsibilities of the Designated Representative and Alternate Designated Representative of a CSAPR source, as defined in 40 CFR Part 97 (CSAPR NO<sub>x</sub> and SO<sub>2</sub> Trading Programs), require that each submission under an applicable CSAPR Trading Program shall be made, signed, and certified by the Designated Representative or Alternate Designated Representative for each CSAPR source and CSAPR unit for which the submission is made.

Any reference in these instructions to the Designated Representative (DR) means the Acid Rain Designated Representative and/or the CSAPR Designated Representative, as applicable. Any reference to the Alternate Designated Representative (ADR) means the Alternate Acid Rain Designated Representative and/or the Alternate CSAPR Designated Representative, as applicable. As reflected in this form, the Acid Rain Designated Representative and the CSAPR Designated Representative for a facility (source) must be the same individual, and the Alternate Acid Rain Designated Representative and the Alternate CSAPR Designated Representative for a facility (source) must be the same individual, if such a facility (source) has units subject to the Acid Rain and CSAPR Programs.

**Affected Source Plant Code:**

A plant code is a 4 or 5 digit number assigned by the Department of Energy (DOE) Energy Information Administration (EIA) to plants that generate electricity. For older plants, "plant code" is synonymous with "ORISPL" and "facility" codes. If the facility generates electricity but no plant code has been assigned, or if there is uncertainty regarding what the plant code is, send an email to the EIA at [EIA-860@eia.gov](mailto:EIA-860@eia.gov). For plants that do not produce electricity, use the plant identifier assigned by EPA (beginning with "88"). If the plant does not produce electricity and has not been assigned a plant identifier, contact Laurel DeSantis at [desantis.laurel@epa.gov](mailto:desantis.laurel@epa.gov).

**Specific:****Unit ID No.:**

Each affected unit must be assigned an identification number (maximum 10 characters). The identification number listed on Table 3 must be the same as the identification number listed on Table 1 of this form for the same unit.

*Note: There may be differences between the Unit ID No. on the OP-SUMR and unit names from other sources such as EPA COR, EIA (ORIS), TCEQ SIP lists, etc. However, the Unit ID No. utilized for OP-SUMR, Table 3 must be consistent with those given on the OP-SUMR, Table 1.*

**Applicable Form:**

Enter the number of the applicable UA form used on the first table of the OP-SUMR for the corresponding Unit ID No. If there is no applicable form listed on the first table of the OP-SUMR for the corresponding Unit ID, enter OP-UA1.

**COR Unit ID No.:**

Enter the unit identification number (maximum 10 characters) that is listed on the EPA Certificate of Representation (COR).

**Acid Rain:**

Enter YES for an affected unit subject to the Acid Rain Program (ARP). Otherwise, enter NO.

**ARP Status:**

Select one of the following options that describe the ARP status for that unit. Enter the code on the form.

<b>Code</b>	<b>Description</b>
EU	An existing affected unit with an existing Acid Rain permit
NEW	A new affected unit that does not have an existing Acid Rain permit (Applicant must also submit Form OP-AR1.)
RENEW	An existing affected unit with existing Acid Rain and/or CAIR permits for which the applicant is applying for a renewal (Applicant must also submit Form OP-AR1.)
NEXM	Applying for a new unit exemption under 40 CFR 72.7 (Applicant must also submit required additional information in a separate cover letter.)
REXM	Applying for a retired unit exemption under 40 CFR 72.8 (Applicant must also submit required additional information in a separate cover letter.)
OPT	A unit that is not an affected unit requiring an Acid Rain permit, but applicant is electing to become an affected unit as an "OPT-IN" in the Acid Rain program under 40 CFR Part 74 (Applicant must also submit required additional information in a separate cover letter.)

**CSAPR:**

Enter "YES," if the unit is subject to the requirements of 40 CFR Part 97, Subpart EEEEE (CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program). Otherwise, enter "NO."

**CSAPR Monitoring:**

Select one of the following options that describe the CSAPR NO<sub>x</sub> Ozone Season Group 2 monitoring for that unit. Enter the code on the form.

<b>Code</b>	<b>Description</b>
CEMS	A unit that is complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO <sub>x</sub> and heat input.
CEMSD	A gas or oil-fired unit that is complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO <sub>x</sub> , and with the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.
PEAK	A gas or oil-fired peaking unit that is complying with the monitoring requirements of 40 CFR Part 75, Appendix E for NO <sub>x</sub> , and with the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.
LME	A gas or oil-fired unit that is complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for NO <sub>x</sub> and heat input.
ALTMON	A unit that is complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for NO <sub>x</sub> and heat input.
REXM	Applying for a retired unit exemption under 40 CFR Part 97, Subpart EEEEE (CSAPR NO <sub>x</sub> Ozone Season Group 2 Trading Program) (Applicant must also submit required additional information in a separate cover letter.)

**Texas SO<sub>2</sub>:**

Enter "YES," if the unit is complying with the requirements of 40 CFR Part 97, Subpart FFFFF (Texas SO<sub>2</sub> Trading Program). Otherwise, enter "NO."

**Texas SO<sub>2</sub> Monitoring:**

Select one of the following options that describe the Texas SO<sub>2</sub> monitoring for that unit. Enter the code on the form.

<b>Code</b>	<b>Description</b>
CEMS	A unit that is complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO <sub>2</sub> and 40 CFR Part 75, Subpart H for heat input.
CEMSD	A gas or oil-fired unit that is complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO <sub>2</sub> and heat input.
LME	A gas or oil-fired unit that is complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for SO <sub>2</sub> and heat input.

## Form OP-SUMR Instructions

ALTMON	A unit that is complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for SO <sub>2</sub> and heat input.
REXM	Applying for a retired unit exemption under 40 CFR Part 97, Subpart FFFFFF (Texas SO <sub>2</sub> Trading Program) (Applicant must also submit required additional information in a separate cover letter.)

### **COR:**

Enter YES to indicate that the applicant has submitted the COR to the EPA for the Acid Rain and CSAPR programs, as applicable, and has included a copy of the required COR to the TCEQ with this submittal. (Providing the required COR copy to TCEQ authorizes the DR (or ADR) to sign Form OP-CRO1, page 2, to certify Acid Rain and CSAPR program application submittals.)

**Texas Commission on Environmental Quality  
Federal Operating Permit Program  
Individual Unit Summary for Revisions  
Form OP-SUMR**

**Table 1**

Date		Permit No.			Regulated Entity No.		
1/23/2025		O-01631			100222488		
Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	1	26EMERGG1	OP-UA2	Bldg 26 Emergency Generator	N	106.511/09/04/2000	N/A
D	2	53	OP-UA6	HOLMAN BOILER	N	7/10/04/1995	N/A
D	3	1-BLR1	OP-UA6	Bldg 1 Weil Mclain Boiler #1	N	<b>106.183/09/04/2000</b>	N/A
D	4	1-BLR2	OP-UA6	Bldg 1 Weil Mclain Boiler #2	N	106.183/09/04/2000	N/A
D	5	1-BLR3	OP-UA6	Bldg 1 Weil Mclain Boiler #3	N	106.183/09/04/2000	N/A
D	6	1-BLR4	OP-UA6	Bldg 1 Weil Mclain Boiler #4	N	106.183/09/04/2000	N/A
D	7	51	OP-UA6	EAST BIRCHFIELD BOILER	N	7/01/08/1980	N/A
D	8	52	OP-UA6	WEST SELLERS BOILER	N	7/01/08/1980	N/A
D	9	45	OP-UA6	EAST BIRCHFIELD BOILER	N	8/05/08/1972	N/A
D	10	46	OP-UA6	WEST BIRCHFIELD BOILER	N	8/05/08/1972	N/A
D	11	47	OP-UA6	NORTH SELLERS BOILER	N	8/05/08/1972	N/A
D	12	48	OP-UA6	MIDDLE SELLERS BOILER	N	8/05/08/1972	N/A
D	13	49	OP-UA6	SOUTH SELLERS BOILER	N	8/05/08/1972	N/A

**Table 1 Cont.**

<b>Unit/Process AI</b>	<b>Unit/Process Revision No.</b>	<b>Unit/Process ID No.</b>	<b>Unit/Process Applicable Form</b>	<b>Unit/Process Name/ Description</b>	<b>Unit/Process CAM</b>	<b>Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106</b>	<b>Preconstruction Authorizations Title I</b>
<b>D</b>	<b>14</b>	<b>BLDG1CTA</b>	<b>OP-UA13</b>	<b>BUILDING 1 COOLING TOWER A</b>	<b>N</b>	<b>8/05/05/1976</b>	<b>N/A</b>
<b>D</b>	<b>15</b>	<b>BLDG1CTB</b>	<b>OP-UA13</b>	<b>BUILDING 1 COOLING TOWER B</b>	<b>N</b>	<b>106.371/09/04/2000</b>	<b>N/A</b>
<b>A</b>	<b>16</b>	<b>BDG26BCT</b>	<b>OP-UA13</b>	<b>BUILDING 24 COOLING TOWER</b>	<b>N</b>	<b>106.371/09/04/2000</b>	<b>N/A</b>
<b>A</b>	<b>17</b>	<b>BLDG24CT</b>	<b>OP-UA13</b>	<b>BUILDING 26 COOLING TOWER</b>	<b>N</b>	<b>106.371/09/04/2000</b>	<b>N/A</b>
<b>A</b>	<b>18</b>	<b>BLDG29CT</b>	<b>OP-UA13</b>	<b>BUILDING 29 COOLING TOWER</b>	<b>N</b>	<b>8/01/08/1980</b>	

**Texas Commission on Environmental Quality**  
**Federal Operating Permit Program**  
**Individual Unit Summary for Revisions**  
**Form OP-SUMR**  
[Table 2](#)

Date	Permit No.	Regulated Entity No.

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.

**Texas Commission on Environmental Quality  
Federal Operating Permit Program  
Individual Unit Summary for Revisions  
Form OP-SUMR**

**Table 3: Acid Rain, Cross-State Air Pollution Rule (CSAPR), and Texas SO<sub>2</sub> Trading Program**

Date	Permit No.	Regulated Entity No.

Unit ID No.	Applicable Form	COR Unit ID No.	Acid Rain	ARP Status	CSAPR	CSAPR Monitoring	Texas SO <sub>2</sub>	Texas SO <sub>2</sub> Monitoring	COR



**Form OP-REQ2**  
**Negative Applicable/Superseded Requirement Determinations**  
**Texas Commission on Environmental Quality**

**General:**

The purpose of this form is to document negative applicability from potentially applicable requirements or to document duplicative, redundant, and or contradicting requirements that have been superseded by a more stringent or equivalent requirement for units, groups, and processes when a permit shield is requested. Negative applicability or superseded requirement determinations when a permit shield is NOT requested may be documented on this form OR the appropriate OP-UA form.

A negative applicability determination is any regulatory citation that provides the basis whereby every operating condition of an emission unit is not subject to a regulation. For example; Title 40 Code of Federal Regulation § 60.110b(a) [40 CFR § 60.110b(a)] could be the regulatory basis for a negative applicability determination for a VOC storage tank of less than 75 cubic meters; therefore, the storage tank is completely exempt from 40 CFR Part 60, Subpart Kb.

*Note: Numerous regulatory citations appear to authorize exemptions to qualifying units from those regulations. However, closer examination typically reveals that there are still some requirements which must still be met (such as monitoring and/or recordkeeping).*

For certain emission units subject to certain 40 CFR Part 63 standards, other federal regulations may apply. In many instances one of the overlapping regulations may specify which rule supersedes the other. The regulation may state that the owner or operator only has to comply with a specific subpart after the compliance date or it may state that compliance with the subpart is deemed to be in or constitute compliance with other subparts. Although superseded rules do not qualify as negative applicability determinations, it has been determined that these instances can be documented on the Form OP-REQ2, if the applicant elects to comply only with the superseding requirement. For example; a Group 1 or Group 2 Storage Tank, subject to 40 CFR Part 63, Subpart G, may not be required to comply with 40 CFR Part 60, Subpart Kb due to rule overlap of 40 CFR Part 63, Subpart G. In this case, the permit applicant may request a permit shield from 40 CFR Part 60, Subpart Kb. In this case, the applicant must submit the superseding requirement citation, § 63.110(b), and a textual description of the superseding determination, if they elect to comply with only the superseding requirement.

When this form is used for an emission unit which has one or more potential applicable requirements, the applicant must list all the requirements for which negative applicability or superseded requirement determinations can be made. Once the negative applicability or superseded requirement determinations have been made, indicate the citation and reason for the non-applicability or superseded requirement in the appropriate columns. Indicate the determinations for all potentially applicable requirements for each emission unit before listing the next unit.

Negative applicability or superseded requirement determinations for potentially applicable requirements, confirmed by the TCEQ, may be approved as a permit shield (see instructions outlined in Area Wide Applicability Determinations, Form OP-REQ1, to request a permit shield). However, if a permit shield is requested, an OP-REQ2 is always required. For additional information relating to permit shields, refer to the TCEQ guidance document entitled "Permit Shield Guidance ([www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title\\_V/permit\\_shield.pdf](http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/permit_shield.pdf))".

The Company Name and Area Name (from Form OP-1, Section I and X, respectively) must appear in the header block of each page for purposes of identification. The date of submittal must also be included, and should be consistent throughout the application (MM/DD/YYYY). Any subsequent submittals must show the date of revision. Also enter the Regulated Entity Number (RNXXXXXXXX) and Permit Number (OXXXX), if assigned.

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**Specific:****Unit Action Indicator (AI):**

Only complete this section for the permit revision/renewal. Enter “A” if the entry is a permit addition. Otherwise, enter “D” to indicate a deletion.

**Revision No.:**

Complete this section only for the permit revision/renewal. Enter the number identified on Form OP-2 (Application for Permit Revision). This number will link the specific negative applicable requirement determination to the appropriate revision.

**Unit/Group/Process:****ID NO.:**

Enter the identification number (ID No.) (maximum 10 characters) of the unit, group, or process as listed on Form OP-SUM (Individual Unit Summary).

**Applicable Form:**

Enter the number of the UA form which contains the specific information for the corresponding emission unit, emission point, or process (i.e., for flares enter “OP-UA7” entitled “Flares”) if the unit/emission point, process has other applicable requirements. If negative applicability determinations are only being substantiated on this form by a textual description of the reason, and the emission unit, emission point, or process has no other positive applicability, enter “OP-REQ2.” The Applicable Form entered on OP-REQ2 must match the applicable form entered on OP-SUM for the emission unit, emission point, or process.

**Potentially Applicable Regulatory Name:**

Enter the name of the potentially applicable requirement (maximum 25 characters) for which negative applicability or superseded requirement is being demonstrated.

*Note: Permit shields cannot be granted for permit authorizations of any kind (i.e. - PSD, NSR permit, Acid Rain, etc.).*

**Negative Applicability or Superseded Requirement Citation:**

Enter the citation of the paragraph of the rule that was used to determine negative applicability or superseded requirements. Provide the citation detail to the level of the paragraph allowing the exemption, exclusion, or non-applicability. If there is more than one citation for determining negative applicability or superseded requirements, select the most appropriate or the clearest (least likely to be misinterpreted). Negative applicability or superseded requirement determinations by the applicant are subject to auditing during the permit application review. The applicant must always indicate the negative applicability or superseded requirement citation on the OP-REQ2. For examples on the level of detail for citations, see table below (maximum 36 characters).

## Example Applicable Regulatory Requirements\*

Regulation	Name (Input Format)	Citation (Input Format)
30 TAC Chapters 111, 112, 113, 115 and 117	Chapter 111	§ 111.XXX(x)(yy)(zz)
	Chapter 112	§ 112.XXX(x)(yy)(zz)
	Chapter 113	§ 113.XXX(x)(yy)(zz)
	Chapter 115, Storage of VOCs	§ 115.XXX(x)(yy)(zz)
	Chapter 117, ICI	§ 117.XXX(x)(yy)(zz)
40 CFR Part 60, Subparts A-WWW, New Source Performance Standards (NSPS)**	NSPS XXX	§ 60.XXX(x)(yy)(zz)
40 CFR Part 61, Subparts A-FF National Emission Standards for Hazardous Air Pollutants (NESHAP)	NESHAP XX	§ 61.XX(x)(yy)(zz)
40 CFR Part 63, Subparts A-Y+, NESHAP by source category, including hazardous organic NESHAP (HON)	MACT XX	§ 63.XXX(x)(yy)(zz)

\* This list is not intended to be exhaustive

\*\* The inclusion of 40 CFR Part 60, Subpart A is only for those requirements contained in 40 CFR § 60.18

**Negative Applicability/Superseded Requirement Reason:**

Enter a textual description indicating the reason for the negative applicability or superseded requirement determination. If a permit shield is requested, the textual description provided will be recreated as the *Basis of Determination* for the permit shield in the permit. The description may include rule text, rule preamble, or other text resulting from a historical rule interpretation, EPA applicability determination Index (ADI), or case law. Use multiple lines if necessary (maximum 250 characters).

**Form OP-REQ2**  
**Negative Applicable/Superseded Requirement Determinations**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
1/23/2025	O-01631	100222488

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
A	16	BDG26BCT	OP-UA13	MACT Q	§ 63.400(a)	Non-Contact Cooling towers that do not contain a HAP.
A	17	BLDG24CT	OP-UA13	MACT Q	§ 63.400(a)	Non-Contact Cooling towers that do not contain a HAP.
A	18	BLDG29CT	OP-UA13	MACT Q	§ 63.400(a)	Non-Contact Cooling towers that do not contain a HAP.

**Texas Commission on Environmental Quality**  
**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1**  
**Federal Operating Permit Program**

Date:	01/14/2025
Permit No.:	O-01631
RN No.:	100222488

*For SOP applications, answer ALL questions unless otherwise directed.*

◆ *For GOP applications, answer ONLY these question unless otherwise directed.*

<b>Form OP-REQ1: Page 88</b>	
<b>XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)</b>	
◆ <b>I. Permits by Rule (30 TAC Chapter 106) for the Application Area</b>	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 106.454	Version No./Date: 11-1-2001
PBR No.: 106.231	Version No./Date: 9-4-2000
PBR No.: 106.433	Version No./Date: 9-4-2000
PBR No.: 106.375	Version No./Date: 9-4-2000
PBR No.: 106.261	Version No./Date: 11-1-2003
PBR No.: 106.262	Version No./Date: 11-1-2003
PBR No.: 106.265	Version No./Date: 9-4-2000
PBR No.: 106.263	Version No./Date: 11-1-2001
PBR No.: 106.227	Version No./Date: 9-4-2000
PBR No.: 106.451	Version No./Date: 9-4-2000
PBR No.: 106.452	Version No./Date: 9-4-2000
PBR No.: 106.183	Version No./Date: 11-1-2001
PBR No.: 106.532	Version No./Date: 9-4-2000
PBR No.: 106.371	Version No./Date: 9-4-2000
PBR No.: 106.511	Version No./Date: 9-4-2000
PBR No.: 106.472	Version No./Date: 9-4-2000
◆ <b>J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum</b>	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

This is an addendum to Page 88 of OP-REQ1 - There are not any duplicates on this page only additional PBR's

**Form OP-REQ1: Page 88**

**XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)**

**◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area**

*A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.*

PBR No.:	106.392	Version No./Date:	9/4/2000
PBR No.:	106.432	Version No./Date:	9/4/2000
PBR No.:	106.102	Version No./Date:	9/4/2000
PBR No.:	106.372	Version No./Date:	9/4/2000
PBR No.:	106.122	Version No./Date:	9/4/2000
PBR No.:	106.412	Version No./Date:	9/4/2000
PBR No.:	106.316	Version No./Date:	9/4/2000
PBR No.:	106.317	Version No./Date:	9/4/2000
PBR No.:	106.471	Version No./Date:	9/4/2000
PBR No.:	106.373	Version No./Date:	9/4/2000
PBR No.:	SE5	Version No./Date:	5/5/1976
PBR No.:	SE7	Version No./Date:	4/4/1975
PBR No.:	SE7	Version No./Date:	1/8/1980
PBR No.:	SE7	Version No./Date:	11/25/1985
PBR No.:	SE7	Version No./Date:	11/5/1986
PBR No.:	SE8	Version No./Date:	4/4/1975
PBR No.:	SE8	Version No./Date:	1/8/1980
PBR No.:	SE8	Version No./Date:	9/23/1982
PBR No.:	SE8	Version No./Date:	8/30/1988
PBR No.:	SE15	Version No./Date:	9/17/1973
PBR No.:	SE34	Version No./Date:	3/15/1985
PBR No.:	SE58	Version No./Date:	9/23/1982
PBR No.:	SE60	Version No./Date:	5/8/1972
PBR No.:	SE61	Version No./Date:	3/15/1985
PBR No.:	SE69	Version No./Date:	9/17/1973
PBR No.:	SE69	Version No./Date:	5/5/1976
PBR No.:	SE89	Version No./Date:	4/4/1975
PBR No.:	SE89	Version No./Date:	9/23/1982
PBR No.:	SE101	Version No./Date:	3/15/1985
PBR No.:	SE101	Version No./Date:	9/12/1989
PBR No.:	SE106	Version No./Date:	8/30/1988
PBR No.:	SE106	Version No./Date:	4/5/1995
PBR No.:	SE107	Version No./Date:	9/12/1989
PBR No.:	SE118	Version No./Date:	8/30/1988
PBR No.:	SE118	Version No./Date:	4/5/1995
PBR No.:	SE119	Version No./Date:	5/12/1981

Permit By Rule Supplemental Table (Page 2)  
Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area  
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
01/23/2025	01631	100222488

Unit ID No.	PBR No.	Version No./Date
14-BLR1	106.183	9/4/2000
25PNT1	106.433	9/4/2000
28-CLAVE-1	106.183	9/4/2000
2SPARCELL-BLRA	106.183	9/4/2000
2SPARCELL-BLRB	106.183	9/4/2000
2SPARCELL-BLRC	106.183	9/4/2000
2SPARCELL-BLRD	106.183	9/4/2000
2SPARCELL-BLRE	106.183	9/4/2000
30-AMU1	106.183	9/4/2000
30-AMU2	106.183	9/4/2000
30-AMU3	106.183	9/4/2000
30-TRCB-BLR1	106.183	9/4/2000
31	106.183	9/4/2000
32	106.183	9/4/2000
36-1	106.183	9/4/2000
36-1A	106.261/106.262	9/4/2000
36-2	106.183	9/4/2000
36-2A	106.261/106.262	9/4/2000
36-PNT1	106.183	9/4/2000
36-PNT2	106.183	9/4/2000
36-PNT3	106.183	9/4/2000
36-PNT4	106.183	9/4/2000
36-PNT5	106.183	9/4/2000
36-PNT6	106.183	9/4/2000
36AB	106.183	9/4/2000
36Q	106.183	9/4/2000
36R	106.183	9/4/2000
56-ABPRIME-AMU	106.183	9/4/2000
56-ABPRIME-PNT	106.183	9/4/2000
56-BLR1	106.183	9/4/2000
56-BLR2	106.183	9/4/2000
61EMERGG1	106.183	9/4/2000
61EMERGG2	106.183	9/4/2000
7235302	106.183	9/4/2000
7235302A	106.261	9/4/2000
99013	106.472	9/4/2000
99014	106.472	9/4/2000
99017	106.261/106.262	9/4/2000
99018	106.261/106.262	9/4/2000
99019	106.261/106.262	9/4/2000
B36PRSBRL1	106.183	9/4/2000
B36PRSBRL2	106.183	9/4/2000
BDG36CTB	106.371	9/4/2000
BDG36CTC	106.371	9/4/2000
BLD36VP1	106.261/106.262	9/4/2000
BLD36VP2	106.261/106.262	9/4/2000
BLD36VPF	106.261/106.262	9/4/2000
BLD36VPG	106.261/106.262	9/4/2000
BLDG1CTB	106.371	9/4/2000
BLDG2-CLAVEVP	106.261/106.262	9/4/2000
BLDG24CT	106.371	9/4/2000
BLDG26CT	106.371	9/4/2000
BLDG28-CLAVEVP	106.261/106.262	9/4/2000
BLDG2CTA	106.371	9/4/2000
BLDG30 CT1	106.371	9/4/2000
BLDG30-CLAVEVP	106.261/106.262	9/4/2000
BLDG36PRSBRL1	106.183	9/4/2000
BLDG36PRSBRL2	106.183	9/4/2000
PROB29PNT3	106.433	9/4/2000
PROB43-PNT	106.433	9/4/2000
PROPLT1FUG	106.183	9/4/2000
VWWTANK1	106.532	36773
VWWTANK2	106.532	36773
VWWTANK3	106.532	36773
VWWTANK4	106.532	36773
VWWTANK4	106.532	36773

Permit By Rule Supplemental Table (Page 3)  
 Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area  
 Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
01/23/2025	0-1631	100222488

PBR No.	Version No./Date
SE34	3/15/1985
SE58	9/23/1982
SE60	5/8/1972
SE61	3/15/1985
SE69	9/17/1973
SE69	5/5/1976
SE89	4/4/1975
SE89	9/23/1982
SE101	3/15/1985
SE101	9/12/1989
SE106	8/30/1988
SE106	4/5/1995
SE107	9/12/1989
SE118	8/30/1988
SE118	4/5/1995
SE119	5/12/1981



**Permit By Rule Supplemental Table (Page 4)**  
**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
14-BLR1	106.183	9/4/2000	None
25PNT1	106.433	9/4/2000	None
28-CLAVE-1	106.183	9/4/2000	None
2SPARCELL-BLRA	106.183	9/4/2000	None
2SPARCELL-BLRB	106.183	9/4/2000	None
2SPARCELL-BLRC	106.183	9/4/2000	None
2SPARCELL-BLRD	106.183	9/4/2000	None
2SPARCELL-BLRE	106.183	9/4/2000	None
30-AMU1	106.183	9/4/2000	None
30-AMU2	106.183	9/4/2000	None
30-AMU3	106.183	9/4/2000	None
30-TRCB-BLR1	106.183	9/4/2000	None
31	106.183	9/4/2000	None
32	106.183	9/4/2000	None
36-1	106.183	9/4/2000	None
36-1A	106.261/106.262	9/4/2000	None
36-2	106.183	9/4/2000	None
36-2A	106.261/106.262	9/4/2000	None
36-PNT1	106.183	9/4/2000	None
36-PNT2	106.183	9/4/2000	None
36-PNT3	106.183	9/4/2000	None
36-PNT4	106.183	9/4/2000	None
36-PNT5	106.183	9/4/2000	None
36-PNT6	106.183	9/4/2000	None
36AB	106.183	9/4/2000	None
36Q	106.183	9/4/2000	None
36R	106.183	9/4/2000	None
56-ABPRIME-AMU	106.183	9/4/2000	None
56-ABPRIME-PNT	106.183	9/4/2000	None
56-BLR1	106.183	9/4/2000	None
56-BLR2	106.183	9/4/2000	None
61EMERGG1	106.183	9/4/2000	None
61EMERGG2	106.183	9/4/2000	None
7235302	106.183	9/4/2000	None
7235302A	106.261	9/4/2000	None
99013	106.472	9/4/2000	None
99014	106.472	9/4/2000	None
99017	106.261/106.262	9/4/2000	None
99018	106.261/106.262	9/4/2000	None

99019	106.261/106.262	9/4/2000	None
B36PRSBRL1	106.183	9/4/2000	None
B36PRSBRL2	106.183	9/4/2000	None
BDG36CTB	106.371	9/4/2000	None
BDG36CTC	106.371	9/4/2000	None
BLD36VP1	106.261/106.262	9/4/2000	None
BLD36VP2	106.261/106.262	9/4/2000	None
BLD36VPF	106.261/106.262	9/4/2000	None
BLD36VPG	106.261/106.262	9/4/2000	None
BLDG1CTB	106.371	9/4/2000	None
BLDG2-CLAVEVP	106.261/106.262	9/4/2000	None
BLDG24CT	106.371	9/4/2000	None
BLDG26CT	106.371	9/4/2000	None
BLDG28-CLAVEVP	106.261/106.262	9/4/2000	None
BLDG2CTA	106.371	9/4/2000	None
BLDG30 CT1	106.371	9/4/2000	None
BLDG30-CLAVEVP	106.261/106.262	9/4/2000	None
BLDG36PRSBRL1	106.183	9/4/2000	None
BLDG36PRSBRL2	106.183	9/4/2000	None
PROB29PNT3	106.433	9/4/2000	None
PROB43-PNT	106.433	9/4/2000	None
PROPLT1FUG	106.183	9/4/2000	None
WWTANK1	106.532	9/4/2000	None
WWTANK2	106.532	9/4/2000	None
WWTANK3	106.532	9/4/2000	None
WWTANK4	106.532	9/4/2000	None
WWTANK4	106.532	9/4/2000	None

**Form OP-PBRSUP - Instructions**  
**Permits By Rule Supplemental Table**  
**Texas Commission on Environmental Quality**

**General:**

The form is used to provide supplemental information for all Permits by Rule (PBRs) that authorize emission units for a site (or area) subject to the requirements of the Federal Operating Permit (FOP) Program. For emission units identified on Form OP-SUM or Form OP-SUMR, the PBR registration number identified in Section A must also be included on Form OP-SUM or Form OP-SUMR.

The Texas Commission on Environmental Quality (TCEQ) regulated entity reference number (RNXXXXXXXXXX), if assigned, and the application area name from Form OP-1 (Site Information Summary) must appear on the header of each page for purposes of identification for the initial submittal. The date of the initial submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). The date on each table should be revised with any updated submittal provided during the review process. Leave the permit number blank only if the initial form submittal accompanies an initial application. If this form is included as part of the permit renewal or revision process, enter the FOP permit number assigned by the TCEQ, the area name from Form OP-1, the date of the renewal or revision submittal, and the regulated entity reference number. The form OP-PBRSUP should be submitted for any PBR authorization updates with each revision and renewal application.

The TCEQ requires that a Core Data Form be submitted on all incoming applications/registrations unless a regulated entity reference number and customer reference number have been issued by the TCEQ and no core data information has changed. If a regulated entity reference number or customer reference number has been issued, then the number must be noted on the request or applicable form. For more information regarding the Core Data Form, call (512) 239-5175 or go to the TCEQ website at: [www.tceq.texas.gov/permitting/central\\_registry/guidance.html](http://www.tceq.texas.gov/permitting/central_registry/guidance.html)

**Specific:**

Permits by Rule (30 TAC Chapter 106) for the Application Area

**Emission units authorized under the following PBRs and any corresponding historical (pre-March 1997) SEs are required to be listed in sections A, B, and D:**

PBR No.	Name or Subject	PBR No.	Name or Subject
106.124	Pilot Plants	106.373	Refrigeration Systems
106.142	Rock Crushers	106.374	Lime Slaking
106.144	Bulk Mineral Handling	106.375	Aqueous Electrolytic
106.145	Bulk Sand Handling	106.376	Decorative Chrome Plating
106.146	Soil Stabilization Plants	106.392	Thermoset Resin
106.147	Asphalt Concrete Plants	106.393	Convey/Storage Plastic/Rubber
106.150	Asphalt Silos	106.395	Plastic/Rubber Mix (No Solvent)
106.181	Used Oil Combustion Units	106.396	Plastic Rubber Mix (Solvent)
106.182	Ceramic Kilns	106.411	Steam or Dry Cleaning Equipment
106.183	Boilers, Heaters, and Other Combustion Units	106.412	Fuel Dispensing
106.221	Extrusion Presses	106.416	Uranium Recovery

PBR No.	Name or Subject	PBR No.	Name or Subject
106.223	Sawmills	106.417	Ethylene Oxide Sterilizers
106.224	Aerospace	106.418	Printing Presses
106.225	Semiconductor	106.419	Photographic Process Equipment
106.226	Coating Manufacturing	106.433	Surface Coat
106.227	Soldering, Brazing, Welding	106.434	Powder Coating Facility
106.231	Wood Products	106.435	Classic or Antique Auto Restoration Facility
106.245	Ethyl Alcohol Facilities	106.436	Auto Body Refinishing
106.261	Facility; Emission Limits	106.452	Dry Abrasive Cleaning
106.262	Facility; Emission/Distance	106.454	Degreasing
106.263	Repairs and Maintenance	106.472	Organic/Inorganic Liquid Loading and Unloading
106.264	Replacements of Facilities	106.473	Organic Liquid Loading and Unloading
106.265	Hand-Held/Manually Operated Machines	106.474	Hydrochloric Acid Storage
106.281	Feed Milling	106.475	Pressure Tank or Vent to Firebox
106.283	Grain Handling	106.476	Pressure Tank or Vent to Control
106.311	Crucible or Pot Furnace	106.477	Anhydrous NH <sub>3</sub> Storage
106.314	Shell Core and Mold Machines	106.478	Storage Tank and Change Service
106.315	Sand or Investment Molds	106.491	Dual Chamber Incinerators
106.320	Miscellaneous Metallic Treatment	106.492	Flares
106.321	Metal Melting and Holding Furnace	106.493	Direct Flame Incinerators
106.322	Furnace to Reclaim Aluminum or Copper	106.494	Pathological Waste Incinerators
106.332	Chlorine Repackaging	106.495	Heat Cleaning Devices
106.351	Salt Water Disposal	106.496	Air Curtain Incinerators
106.352	Oil and Gas Production	106.511	Portable and Emergency Engines and Turbines

PBR No.	Name or Subject	PBR No.	Name or Subject
106.353	Temporary Oil and Gas Facilities	106.512	Stationary Engines and Turbines
106.354	Iron Sponge Gas-Treating Unit	106.513	Natural Gas-Fired Combined Heat and Power Units
106.355	Pipeline Metering, Purging, and Maintenance	106.532	Water/Wastewater Treatment
106.359	Planned Maintenance, Startup, and Shutdown (MSS) at Oil and Gas Handling and Production Facilities	106.533	Water and Soil Remediation
106.371	Cooling Water Units	106.534	Municipal Solid Waste Landfills and Transfer Stations

**A. Registered Permits by Rule (30 TAC Chapter 106) for the Application Area**

This section provides all PBR authorized emission units for the application area that require registration with the TCEQ.

**Unit ID No.:**

Enter the identification number (ID No.) for the emission unit authorized by the registered PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

**Registration No.:**

Enter the registration number provided by TCEQ upon authorization.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Registration Date:**

Enter the date (MM/DD/YYYY) the authorization was issued to the site. This is the date of the PBR authorization letter.

**B. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**

This section provides all PBR authorized emission units for the application area that are claimed (and not registered).

**Unit ID No.:**

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Version No./Date:**

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

**C. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area**

This section provides all PBR authorizations for the application area that are not identified in the table above and are considered insignificant sources.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Version No./Date:**

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

**D. Monitoring Requirements for registered and claimed PBRs for the Application Area**

This section provides the monitoring and/or record keeping requirements sufficient to demonstrate compliance for the registered and claimed PBRs identified in sections A and B.

**Unit ID No.:**

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Version No./Date:**

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

**Monitoring Requirement:**

Provide the monitoring and/or record keeping requirements used to demonstrate compliance with the applicable PBR conditions, general requirements of 30 TAC §106.4 or general requirements (if any) in effect at the time of the claim, and any certified registration of emission limits as applicable for the emission units. The specificity of the monitoring and/or recordkeeping requirements is required to be consistent with the [Periodic Monitoring Guidance](#) and include the following:

- Identify one or more indicators of emission control performance for the control device, or the parameter to be monitored if a control device is not utilized. Indicators may include, but are not limited to, direct or predicted emissions (including visible emissions or opacity), control device parameters, process parameters which are correlated to an emission rate through performance testing or AP-42 emission factors, or recorded finding of inspection and maintenance activities conducted by the owner or operator.
- Identify the frequency of conducting the monitoring. The monitoring frequencies should be consistent with the minimum monitoring frequency found in the applicable PM guidance document. For example, control device parameters may be monitored once per week.
- If applicable, identify the period over which discrete data points will be averaged.

**Permit By Rule Supplemental Table (Page 1)**  
**Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

Unit ID No.	Registration No.	PBR No.	Registration Date
27PB3	167705	106.433	3/2/2022
27PB4	167705	106.433	3/2/2022
27OVEN3	167705	106.183	3/2/2022
27OVEN4	167705	106.183	3/2/2022

**Permit By Rule Supplemental Table (Page 2)**  
**Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

Unit ID No.	PBR No.	Version No./Date
Hand Operated Drills, Grinders, CNC, Mills, Sanders Etc.	106.265	11/1/2003
Hand Brazing & Soldering Equipment	106.227	9/4/2000
Dry Abrasive Blasting: Aluminum Oxide	106.452	9/4/2000
Dry Abrasive Blasting: Garnet	106.452	9/4/2000
Dry Abrasive Blasting: Steel Shot	106.452	9/4/2000
Dry Abrasive Blasting: Soda	106.452	9/4/2000
Dry Abrasive Blasting: Dry Ice	106.452	9/4/2000
CD B2-1	106.454	11/1/2001
CD B27-1	106.454	11/1/2001
CD B5-1	106.454	11/1/2001



**Permit By Rule Supplemental Table (Page 3)**  
**Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

PBR No.	Version No./Date
SE5	5/5/1976
SE7	4/4/1975
SE7	1/8/1980
SE7	11/25/1985
SE7	11/5/1986
SE8	4/4/1975
SE8	1/8/1980
SE8	9/23/1982
SE8	8/30/1988
SE15	9/17/1973

**Permit By Rule Supplemental Table (Page 4)**  
**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
Hand Operated Drills, Grinders, CNC, Mills, Sanders Etc.	106.265	11/1/2003	None
Hand Brazing & Soldering Equipment	106.227	9/4/2000	None
Dry Abrasive Blasting: Aluminum Oxide	106.452	9/4/2000	None
Dry Abrasive Blasting: Garnet	106.452	9/4/2000	None
Dry Abrasive Blasting: Steel Shot	106.452	9/4/2000	None
Dry Abrasive Blasting: Soda	106.452	9/4/2000	None
Dry Abrasive Blasting: Dry Ice	106.452	9/4/2000	None
CD B2-1	106.454	11/1/2001	Quarterly Inspection
CD B27-1	106.454	11/1/2001	Quarterly Inspection
CD B5-1	106.454	11/1/2001	Quarterly Inspection

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2 Instructions  
Texas Commission on Environmental Quality**

*Please note that a Change of Name/Ownership should be submitted on TCEQ Form Number 20405 to ensure that all affected federal operating permits and new source review pre-construction authorizations are updated with the Air Permits Division. If there is no other change to the FOP or any underlying requirements of the FOP, then Form OP-2 is not required. Form Number 20405 is located on the TCEQ website at [www.tceq.texas.gov/assets/public/permitting/air/Forms/20405.pdf](http://www.tceq.texas.gov/assets/public/permitting/air/Forms/20405.pdf).*

**General:**

Owners or operators of a site having a federal operating permit (FOP), in accordance with Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), must complete and submit an FOP revision application for those activities at a site which change, add, or remove one or more permit terms or conditions (or changes any underlying requirements in the FOP).

In addition, these owners or operators must complete and submit an application for renewal of a Site Operating Permit (SOP) or authorization to operate (ATO) under a General Operating Permit (GOP) at least 6 months, but no earlier than 18 months, before the date of expiration of the SOP or ATO under a GOP. Permit holders applying for renewal may include revisions during the application processing.

The FOP revision/renewal application must be submitted to the Texas Commission on Environmental Quality (TCEQ), Office of Air, Air Permits Division (APD), and a copy must be submitted to the appropriate TCEQ regional office. The TCEQ requires that a Core Data Form be submitted on all incoming applications unless a Regulated Entity and Customer Reference Number have been issued by the TCEQ and no core data information has changed. For more information regarding the Core Data Form, call (512) 239-5175 or visit the TCEQ website at [www.tceq.texas.gov/permitting/central\\_registry/index.html](http://www.tceq.texas.gov/permitting/central_registry/index.html).

Title 30 Texas Administrative Code § 122.132(c) [30 TAC § 122.132(c)] (relating to “Application and Required Information for Initial Permit Issuance, Reopening, Renewal, or General Operating Permits”) and 30 TAC § 122.134(c) (relating to “Complete Application”) authorize an applicant to submit an abbreviated initial application. Abbreviated revision and renewal applications are not authorized under 30 TAC Chapter 122 and will not be accepted as complete and/or timely applications.

**For submissions to EPA:**

EPA Region 6 office has requested that all applications, including any updates, submitted to EPA be provided in electronic format via email to [R6AirPermitsTX@epa.gov](mailto:R6AirPermitsTX@epa.gov). Microsoft Word for text, Excel for spreadsheets, and a searchable Adobe Acrobat (pdf) file are the preferred formats. Do not submit any compressed or zip files, or files with a “.exe” extension. Do not submit any individual files larger than 10 megabytes via email, and the total size of all attachments cannot exceed 25 megabytes per email. EPA will accept larger files via FTP transfer. Send an email to [wilson.aimee@epa.gov](mailto:wilson.aimee@epa.gov) to request an FTP link for submittals. Submit confidential information as a separate file and clearly label it with “confidential” or “CBI” in the filename. Identify the associated permit number when submitting information. No hard copies of the information contained in the application should be submitted to EPA.

Please contact Ms. Aimee Wilson ([wilson.aimee@epa.gov](mailto:wilson.aimee@epa.gov)) at (214) 665-7596 if you have any questions pertaining to electronic submittals.

**Permit Revision Types:**

The three permit revision types for an SOP are as follows: administrative revision, minor revision, and significant revision. The type of permit revision that is required will depend on the type of change at the site or to the SOP. Additional information on SOP revisions and application requirements can be found in the SOP Revision Application Guidance, which is located on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_site\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_site_guidance.html).

For administrative revisions, 30 TAC § 122.213(a)(1) requires the permit holder to record and maintain the information required in 30 TAC § 122.212 with the permit before the change is operated.

For minor revisions due to changes at a site, 30 TAC § 122.217(a)(2) requires the permit holder to submit an application containing the information required in 30 TAC § 122.216 before the change is operated. This information must also be maintained with the permit.

For significant revisions, 30 TAC § 122.221(a)(2) requires the permit holder to submit the information in 30 TAC § 122.220 and obtain a revised permit before the change is operated.

For revisions to an ATO under a GOP due to changes at a site, 30 TAC § 122.503(c)(2) requires the permit holder to submit an application that contains information required in 30 TAC § 122.503(b) before the change is operated. This information must also be maintained with the permit. When a GOP is revised or repealed, the applicant must record and maintain the information required in 30 TAC §§ 122.504(a)(1)(A)-(E) before the compliance date of the new requirement or the effective date of the repealed requirement. This application must be submitted no later than 90 days after the compliance date of the new requirement or the effective date of the repealed requirement.

Further information regarding GOP application requirements can be found in the GOP Revision Application Guidance, which is located on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_gop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_gop_guidance.html).

### Form Page Header:

Enter the following information in the header of each page: Date (MM/DD/YYYY) of application submission, Permit Number, Regulated Entity Number, and Company Name.

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## Table 1

### Specific:

#### I. Application Type:

Indicate the type of application by checking the appropriate box. Please choose only one.

##### Renewal:

The application is for a renewal of an SOP or ATO under a GOP. The permit holder may include any revisions on this form to be processed under the renewal application. For renewals, the application type will be handled as a renewal regardless of the type of revisions that are included. If a Streamlined Revision (as explained below) is included in the renewal, all applicable provisional terms, and conditions must be included in the application. If a Significant Revision is included with the renewal, the information in Table 3, Section I of this form must be completed.

##### Significant Revision:

The application contains significant permit revisions as defined in 30 TAC § 122.219. Applicants must revise the permit before operating.

##### Administrative Revision:

The application contains administrative permit revisions as defined in 30 TAC § 122.211.

##### Streamlined Revision:

The application contains either **minor permit revisions** as defined in 30 TAC § 122.215 or **revisions to an ATO under a GOP** as defined in 30 TAC § 122.503 or § 122.504, and in which the applicant intends to begin operation prior to updating the permit.

For Streamlined Revision applications, the permit holder must establish and submit provisional terms and conditions as defined in 30 TAC § 122.10. The provisional terms and conditions must include complete identification of all applicable requirements resulting from the change(s) at the site, or any other action, that trigger the requirement for a permit revision (i.e. require the permit holder to apply for a revision of the SOP or revision of the ATO under a GOP). Provisional terms and conditions must also include, where applicable, specific

regulatory citations identifying any requirements that no longer apply. Provisional terms and conditions cannot be established and submitted for any change(s) that trigger a significant revision of the SOP.

When an applicant identifies and submits provisional terms and conditions as part of a permit revision application, or an FOP renewal application that includes revisions to the applicable requirements, these terms and conditions become applicable requirements for the permit area/site. This means that provisional terms and conditions established in this manner are considered as applicable requirements for the permit area/site, after the permit revision or permit renewal application is submitted by the permit holder. The permit holder shall comply with these provisional terms and conditions and meet the requirements of 30 TAC Chapter 122, including deviation and compliance reporting, after the permit revision or permit renewal application is submitted. Note that the choice to establish provisional terms and conditions applies to all requested changes within a Streamlined Revision application.

SOP holders must establish provisional terms and conditions (detailed regulatory citations) and submit this information on Table 2 (of this form) or Form OP-REQ3.

GOP holders must establish provisional terms and conditions (detailed regulatory citations) and submit this information on Table 2 (of this form) or Form OP-REQ3. As an alternative, if the provisional terms and conditions are specified in an applicable GOP Index Number, the appropriate Unit Attribute form may be completed and submitted.

If the applicant does not elect to establish provisional terms and conditions in their application, then the change cannot be operated until the FOP is revised or renewed to codify the applicable requirements into the FOP.

**Revision Requesting Prior Approval:**

The application contains either minor permit revisions as defined in 30 TAC § 122.215 or revisions to an ATO under a GOP as defined in 30 TAC § 122.503 and in which the applicant elects to update the permit prior to operating the change.

**Response to Reopening:**

The application contains changes needed to the permit as a result of a reopening notice by the TCEQ. (These changes will be processed under the reopening procedures outlined in 30 TAC Chapter 122, Subchapter C, Division 3.)

**II. Qualification Statement**

*Note: These questions refer to the permit being revised.*

**For SOP Revisions Only:**

Check the “YES” box if the referenced changes qualify for the marked revision type. Otherwise, check the “NO” box.

**For GOP Revisions Only:**

Check the “YES” box if the referenced changes do not affect the site’s authorization to operate under a GOP. Otherwise, check the “NO” box.

**III. Major Source Pollutants:**

*(Complete this section if the permit revision is due to a change at the site or change in regulations.)*

Indicate all pollutants for which the site is a major source based on the site’s potential to emit after the change is operated:

Enter “YES” below all the pollutants for which the site is classified as a major source, as defined in 30 TAC § 122.10, based on the site’s potential to emit. Enter “NO” below all the pollutants for which the site is not a major source. Do not leave any spaces blank.

The column “Other” is provided for a listing of non-criteria regulated air pollutants for which a site is a major source. (Example: chlorinated compounds, inorganic acids). List the pollutant name in the space provided (maximum 20 characters). If there are none, leave this space blank.

Further information regarding the potential to emit can be found in the Potential to Emit Guidance, which is located on the TCEQ website at [tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**IV. Reference Only Requirements:** *(For reference only.)*

**Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)?**

Check the “YES” box if the applicant has paid all emissions fees due during the most recent agency fiscal year (September 1 through August 31). Otherwise, check the “NO” box. If the applicant is not required to pay emissions fees, check the “N/A” box.

*Note: If the answer to IV Fee Information is “NO,” the applicant is required to contact the Industrial Emissions Assessment Section at (512) 239-1459. For further information regarding inspection fees and emission fees, please refer to 30 TAC § 101.24 and § 101.27.*

**V. Delinquent Fees and Penalties**

Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ is paid in accordance with the “Delinquent Fee and Penalty Protocol.” For more information regarding Delinquent Fees and Penalties, go to the TCEQ website at [www.tceq.texas.gov/agency/financial/fees/delin](http://www.tceq.texas.gov/agency/financial/fees/delin).

**Table 2**

**I. Description of Revision**

**Revision Number:**

The revision number uniquely identifies each revision item within the application and may not be reused within the same revision application. Each revision item will be identified by a revision number, which should be assigned sequentially (i.e., “1”, “2”, “3”). The same revision number will be used on Forms OP REQ2 (Negative Applicable Requirement Determinations) and OP-REQ3 (Applicable Requirements Summary) to identify related changes resulting from the corresponding revision item. Enter a unique number for each revision.

**Revision Code:**

The revision code determines how each revision will be processed by the APD. Select one of the following options for revision code. Enter the code on the form. For **renewal applications**, select all codes that apply.

**Significant Revision (SOPs only):**

Code	Description
SIG-A	A significant change to existing monitoring, recordkeeping, reporting, or testing terms or conditions.
SIG-B	Change requiring a case-by-case determination of an emission limit or other standard, or source specific determination for temporary sources of ambient impacts, or a visibility or increment analysis.
SIG-C	Affects or adds a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject.
SIG-D	Is a modification under provisions of FCAA, Title 1.
SIG-E	Any other change that does not qualify for an administrative or minor revision.

**Administrative Revision (SOPs only):**

Code	Description
ADMIN-A	Corrects typographical errors.
ADMIN-B	Identifies a change in the name, address, or phone number of any person identified in the permit or provides a similar administrative change at the site.

ADMIN-C	Increases the frequency of monitoring or reporting requirements without changing any existing emission limitations or standards.
ADMIN-D	Changes the permit identification of ownership or operational control of a site where the TCEQ Executive Director determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the old and new permit holder is maintained with the permit. <i>For Change of Name/Ownership revision only (no other change to the SOP or any underlying requirements), submit TCEQ Form Number 20405; Form OP-2 is not required. Form Number 20405 is located on the TCEQ website at <a href="http://www.tceq.texas.gov/assets/public/permitting/air/Forms/20405.pdf">www.tceq.texas.gov/assets/public/permitting/air/Forms/20405.pdf</a>.</i>
ADMIN-E	Affects or adds a state-only requirement.
ADMIN-F	Changes the location of an off-site permit location.
ADMIN-G	Changes that have been approved by EPA to be administrative revisions. <i>Further information may be found in the SOP Revision Application Guidance, which is located on the TCEQ website at <a href="http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html">www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html</a>.</i>

**Minor Revision (for SOP Streamlined Revision and Revision Requesting Prior Approval):**

Code	Description
MS-A	Adds or modifies a minor New Source Review (NSR) pre-construction authorization.
MS-B	Adding or deleting a Compliance Assurance Monitoring or Periodic Monitoring option number to a unit in an SOP.
MS-C	All other changes qualify for a minor revision.

**Revision to an ATO under a GOP due to changes at a site (for Streamlined Revision and Revision Requesting Prior Approval):**

Code	Description
GS-A	A change, addition, or removal of any applicability determinations or the basis of any determinations in the original GOP application.
GS-B	A correction of typographical errors.
GS-C	A change in the permit identification of ownership or operational control of a site where the TCEQ Executive Director determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the old and new permit holder is maintained with the permit. <i>For Change of Name/Ownership revision only (no other change to the ATO under a GOP or any underlying requirements), submit TCEQ Form Number 20405; Form OP-2 is not required. Form Number 20405 is located on the TCEQ website at <a href="http://www.tceq.texas.gov/assets/public/permitting/air/Forms/20405.pdf">www.tceq.texas.gov/assets/public/permitting/air/Forms/20405.pdf</a>.</i>

**Revision to an ATO under a GOP due to changes in a rule (for Streamlined Revision and Revision Requesting Prior Approval):**

Code	Description
GR-A	A revision when a GOP is revised or repealed.
GR-B	A regulation is revised.
GR-C	Adding or deleting a Compliance Assurance Monitoring or Periodic Monitoring option number to a unit in an ATO under a GOP.

**Revision Due to a Reopening (SOPs only):**

Code	Description
REO	A change, addition, or removal of any applicable requirement resulting from a reopening. Use this code only when revising your permit in response to a permit reopening letter from the TCEQ.



**Unit/Group/Process****New Unit:**

Enter “YES” if this revision is identifying the addition of a new emission unit not previously identified on any other revision application for this permit. Otherwise, enter “NO.”

**ID No.:**

Enter the identification number (ID No.) of the unit, group, or process as listed on Form OP-SUM (Individual Unit Summary) or Form OP-SUMR (Individual Unit Summary for Revisions) (maximum 10 characters).

*Note: Only use group identification numbers when updating existing group information contained on Unit Attribute forms or Form OP REQ3 (Applicable Requirements Summary).*

**Applicable Form:**

Enter the number of the Unit Attribute (UA) form which contains the specific information regarding the corresponding emission unit, emission point, or process (i.e., for flares, enter OP-UA7 entitled “Flares”). A complete list of all available UA forms is located on the TCEQ website at [www.tceq.texas.gov/permitting/air/nav/air\\_all\\_ua\\_forms.html](http://www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html). Enter “OP ACPS,” if the unit ID No. is entered on this form, strictly as a result of completing Form OP-ACPS (Application Compliance Plan and Schedule) and no UA form is submitted (see Form OP-ACPS instructions for additional guidance). Enter the UA form number if the UA form is used in conjunction with Form OP-REQ2 for negative applicability, or if the emission unit, emission point, or process has positive applicability in addition to the negative applicability. Enter “OP-REQ2” if negative applicability is shown through the use of Form OP-REQ2, no UA information is used to support the negative applicability, and the emission unit, emission point, or process has no positive applicability.

**NSR Authorization:**

Identify the NSR authorizations (permit by rule (PBR) registration number, PBR number (if registration was not required), NSR permit number, standard permit registration number, etc.) for changes requiring authorization pursuant to 30 TAC Chapter 106 or Chapter 116. If an NSR authorization was not required for the change, enter N/A.

**Description of Change and Provisional Terms and Conditions:**

Enter a description of the change for which this application is being submitted and list the provisional terms and conditions as applicable. The provisional terms and conditions may be submitted on Form OP-REQ3 instead. For GOP applications, if the provisional terms and conditions are specified in an applicable GOP Index Number, the appropriate Unit Attribute form may be completed and submitted to reference the provisional terms and conditions.

**Table 3**

**I. Significant Revision** *(Complete this section if you are submitting a significant revision application or a **renewal application** that includes a significant revision.)*

**A. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?**

Check the “YES” box if the site is subject to the bilingual notice requirements pursuant to 30 TAC § 122.322. Otherwise, check the “NO” box.

The requirements of 30 TAC § 122.322 are applicable when either the elementary school or the middle school located nearest to the facility, or proposed facility, provides a bilingual education program, as required by Texas Education Code § 29.053, and 19 TAC § 89.1205(a) (relating to Required Bilingual Education and English as a Second Language Programs), or if either school has waived out of such a required bilingual education program under the provisions of 19 TAC § 89.1205(g). Schools not governed by the provisions of 19 TAC § 89.1205 should not be considered when determining the applicability of 30 TAC § 122.322 requirements.



Elementary or middle schools that offer English as a second language under 19 TAC § 89.1205(d) and are otherwise not affected by 19 TAC § 89.1205(a), will not trigger the requirements of 30 TAC § 122.322(a).

If the notices required by 30 TAC § 122.320 and § 122.340 are combined, the combined notice is subject to the requirements of this 30 TAC § 122.322.

**B. Indicate the alternate language(s) in which public notice is required:**

If the answer to the previous question is “YES,” enter the alternate language(s) for which public notice is required in the space provided. Each space should only contain one alternate language. Please use a separate page to indicate the alternate languages if additional space is required. If the answer to the previous question is “NO,” enter “NONE” in the first space provided and leave the others blank.

**C. Will there be a change in air pollutant emissions as a result of the significant revision?**

Public Notice requirements in 30 TAC §122.320(b)(5) require the air pollutants with emission changes to be listed in the notice. Check the “YES” box if there will be a change in air pollutant emissions as a result of the significant revision. If there will not be a change in emissions, check the “NO” box and skip question I.D below.

**D. Indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:**

Enter this information if the answer to I.C is “YES.” Spell out the air pollutant names; for example, nitrogen oxides, volatile organic compounds, lead, and benzene. This information will be used to determine the pollutant names to be included in the public notice.

Enter a descriptive phrase to reflect an addition, increase, decrease, or deletion of an air pollutant emission change as a result of the significant revision.

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 1  
Texas Commission on Environmental Quality**

Date: 1/23/2025	
Permit No.: O-01631	
Regulated Entity No.: 100222488	
Company Name: Bell Textron Inc.	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA? <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>	
<b>I. Application Type</b>	
Indicate the type of application:	
<input checked="" type="checkbox"/> Renewal	
<input type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
<input type="checkbox"/> Significant Revision	
<input type="checkbox"/> Revision Requesting Prior Approval	
<input type="checkbox"/> Administrative Revision	
<input type="checkbox"/> Response to Reopening	
<b>II. Qualification Statement</b>	
For SOP Revisions Only	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
For GOP Revisions Only	<input type="checkbox"/> YES <input type="checkbox"/> NO

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 1 (continued)  
Texas Commission on Environmental Quality**

**III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)**

Indicate all pollutants for which the site is a major source based on the site's potential to emit:  
(Check the appropriate box[es].)

☒ VOC      ☐ NO<sub>x</sub>      ☐ SO<sub>2</sub>      ☐ PM<sub>10</sub>      ☐ CO      ☐ Pb      ☐ HAP

Other:

**IV. Reference Only Requirements (For reference only)**

Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? ☒ YES ☐ NO ☐ N/A

**V. Delinquent Fees and Penalties**

Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 2  
Texas Commission on Environmental Quality**

Date: 1/23/2025
Permit No.: O-o1631
Regulated Entity No.: 100222488
Company Name: Bell Textron Inc.

Using the table below, provide a description of the revision.

Revision No.	Revision Code		Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
1	MS-C	No	26EMERGG1	OP-UA2	106.511/09/04/2000	Unit Demolished and removed from Site
2	MS-C	No	53	OP-UA6	7/10/04/1995	Unit Demolished and removed from Site
3	MS-C	No	1-BLR1	OP-UA6	106.183/09/04/2000	Unit Demolished and removed from Site
4	MS-C	No	1-BLR2	OP-UA6	106.183/09/04/2000	Unit Demolished and removed from Site
5	MS-C	No	1-BLR3	OP-UA6	106.183/09/04/2000	Unit Demolished and removed from Site
6	MS-C	No	1-BLR4	OP-UA6	106.183/09/04/2000	Unit Demolished and removed from Site
7	MS-C	No	51	OP-UA6	7/01/08/1980	Unit Demolished and removed from Site
8	MS-C	No	52	OP-UA6	7/01/08/1980	Unit Demolished and removed from Site
9	MS-C	No	45	OP-UA6	8/05/08/1972	Unit Demolished and removed from Site
10	MS-C	No	46	OP-UA6	8/05/08/1972	Unit Demolished and removed from Site

**Table 2 Cont.**

Revision No.	Revision Code		Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
11	MS-C	No	47	OP-UA6	8/05/08/1972	Unit Demolished and removed from Site
12	MS-C	No	48	OP-UA6	8/05/08/1972	Unit Demolished and removed from Site
13	MS-C	No	49	OP-UA6	8/05/08/1972	Unit Demolished and removed from Site
14	MS-C	No	BLDG1CTA	OP-UA13	8/05/05/1976	Unit Demolished and removed from Site
15	MS-C	No	BLDG1CTB	OP-UA13	106.371/09/04/2000	Unit Demolished and removed from Site
16	MS-C	No	BDG26BCT	OP-UA13	106.371/09/04/2000	Added to Permit Shield – Neg Applicability
17	MS-C	No	BLDG24CT	OP-UA13	106.371/09/04/2000	Added to Permit Shield – Neg Applicability
18	MS-C	No	BLDG29CT	OP-UA13	8/01/08/1980	Added to Permit Shield – Neg Applicability

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 3  
Texas Commission on Environmental Quality**

Date:
Permit No.:
Regulated Entity No.:
Company Name:
<b>I. Significant Revision</b> <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i>
A. Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
B. Indicate the alternate language(s) in which public notice is required:
C. Will, there be a change in air pollutant emissions as a result of the significant revision? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 3  
Texas Commission on Environmental Quality**

Using the table below, indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:

Pollutant	Description of the Change in Pollutant Emissions

**Form OP-UA6 - Instructions**  
**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Texas Commission on Environmental Quality**

**General:**

This form is used to provide a description and data pertaining to all combustion equipment used to produce steam including, but not limited to, boilers, steam generators, and steam generating units with potentially applicable requirements associated with a particular regulated entity number and application. Some data items must be completed for all boilers, steam generators, and steam generating units. Other items are only required to be completed for boilers, steam generators, and steam generating units meeting the specific criteria shown in the instructions below.

For each steam generating unit which is potentially applicable to a subpart of the D-Series, the applicant need only complete the table to which they are potentially subject. The other D-series tables need not be submitted; however, notes are included in the instructions which may give direction to other tables applicable to the unit if certain codes or instructions are given. The notes can be used as a road map to follow in deciding which tables must be filled out and which ones should be omitted.

Each table number, along with the possibility of a corresponding letter (i.e., Table 1a, Table 1b), corresponds to a certain state or federal rule. If the rule on the table is not potentially applicable to a combustion unit, then it should be left blank and need not be submitted with the application. The following boilers, steam generators, and steam generating units are considered off-permit sources and do not need to be listed:

- A. In counties affected by Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), boilers and water heaters that do not fire liquid or solid fuel and have a maximum rated capacity less than 1.0 MMBtu/hr, unless the unit is placed in service after June 9, 1993, as a functionally identical replacement for existing units subject to the provisions 30 TAC Chapter 117, Subchapter B.
- B. In counties not affected by 30 TAC Chapter 117, boilers, and water heaters with a heat input capacity less than 10 MMBtu/hr and do not fire liquid or solid fuel.

If the codes entered by the applicant show negative applicability to the rule or sections of the rule represented on the table, then the applicant need not complete the remainder of the table(s) that correspond to the rule. Further instruction as to which questions should be answered and which questions should not be answered are located in the "Specific" section of the instruction text. The following is included in this form:

<b><u>Table 1a - 1b:</u></b>	<b>Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart D: Standards of Performance for Fossil Fuel-Fired Steam Generators</b>
<b><u>Table 2a - 2c:</u></b>	<b>Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Da: Standards of Performance for Electric Utility Steam Generating Units</b>
<b><u>Table 3a - 3e:</u></b>	<b>Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units</b>
<b><u>Table 4a - 4b:</u></b>	<b>Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Dc: Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units</b>
<b><u>Table 5a - 5c:</u></b>	<b>Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas</b>



<a href="#"><u>Table 6a - 6b:</u></a>	Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter C: Combustion Control at Major Utility Electric Generation Sources in Ozone Nonattainment Areas
<a href="#"><u>Table 7:</u></a>	Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 112), Subchapters A–D: Control of Air Pollution from Sulfur Compounds
<a href="#"><u>Table 8a - 8c:</u></a>	Title 30 Texas Administrative Code Chapter 113 (30 TAC Chapter 113), Subchapter D: Hospital/Medical Infectious Waste Incinerators
<a href="#"><u>Table 9a - 9b:</u></a>	Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter E: Division 1: Utility Electric Generation in East and Central Texas
<a href="#"><u>Table 10a - 10b:</u></a>	Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart EEE: Hazardous Waste Combustors
<a href="#"><u>Table 11:</u></a>	Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111), Subchapter A: Division 2: Incineration
<a href="#"><u>Table 12:</u></a>	Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111), Subchapter A: Division 5: Emission Limits on Nonagricultural Sources
<a href="#"><u>Table 13a - 13i:</u></a>	Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal-and Oil-Fired Electric Utility Steam Generating Units
<a href="#"><u>Table 14a - 14g:</u></a>	Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDDD: Industrial, Commercial, and Institutional Boilers
<a href="#"><u>Table 15a – 15b:</u></a>	Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart TTTT: Standards of Performance for Greenhouse Gas Emissions for Electric Utility Generating Units

*Note: Form OP-UA15 (Emission Point/Stationary Vent, Distillation Vent/VOC Process Vent Attributes) Emission Points, Table 1: Title 30 TAC Chapter 111 must also be completed for all combustion units operated to generate steam.*

The Texas Commission on Environmental Quality (TCEQ) Regulated Entity Number (RNXXXXXXXXXX) and the application area name from Form OP-1 (Site Information Summary) must appear in the header of each page for the purpose of identification for the initial submittal. The date of the initial form submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). **Leave the permit number blank for the initial form submittal.** If this form is included as part of the permit revision process, enter the permit number assigned by the TCEQ, the area name (from Form OP-1), the date of the revision submittal, and the regulated entity number.

Unit attribute questions that do not require a response from all applicants are preceded by qualification criteria in the instructions. If the unit does not meet the qualification criteria, a response to the question is not required. **Anytime a response is not required based on the qualification criteria, leave the space on the form blank.**

**Notwithstanding any qualification criteria in the form instructions or information provided in other TCEQ guidance, the applicant may leave an attribute question blank (or indicate “N/A” for “Not Applicable”) if the attribute is not needed for the applicable requirement determinations of a regulation for a unit.**

In some situations, the applicant has the option of selecting alternate requirements, limitations, and/or practices for a unit. Note that these alternate requirements, limitations, and/or practices must have the required approval from the TCEQ Executive Director and/or the U.S. Environmental Protection Agency (EPA) Administrator before the federal operating permit application is submitted.

The Texas Commission on Environmental Quality (TCEQ) requires that a Core Data Form be submitted on all incoming registrations unless all of the following are met: The Regulated Entity and Customer Reference Numbers have been issued by the TCEQ and no core data information has changed. The Central Registry, a common record area of the TCEQ, maintains information about TCEQ customers and regulated activities, such as company names, addresses, and telephone numbers. This information is commonly referred to as “core data.” The Central Registry provides the regulated community with a central access point within the agency to check core data and make changes when necessary. When core data about a facility is moved to the Central Registry, two new identification numbers are assigned: The Customer Reference (CN) number and the Regulated Entity (RN) number. The Core Data Form is required if facility records are not yet part of the Central Registry or if core data for a facility has changed. If this is the initial registration, permit, or license for a facility site, then the Core Data Form must be completed and submitted with application or registration forms. If amending, modifying, or otherwise updating an existing record for a facility site, the Core Data Form is not required, unless any core data information has changed. To review additional information regarding the Central Registry, go to the TCEQ website at [www.tceq.texas.gov/permitting/central\\_registry/index.html](http://www.tceq.texas.gov/permitting/central_registry/index.html).

### Specific:

#### **Table 1a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart D: Standards of Performance for Fossil Fuel-Fired Steam Generators**

#### ★ Complete for site operating permit (SOP) applications only.

*Note: Per TCEQ Rule Interpretation Number 60D.004, steam generating units greater than 73 MW (250 MMBtu/hr) and constructed after June 19, 1986, are not subject to 40 CFR Part 60, Subpart D. Therefore, Tables 1a - 1b should not be completed for these units. However, these units are potentially subject to 40 CFR Part 60, Subpart Db. Tables 3a - 3d should be completed as necessary.*

#### Unit ID No.:

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

#### SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

#### Construction/Modification Date:

Select one of the following options that describe the date of commencement of the most recent construction, modification, or reconstruction. Enter the code on the form.

Code	Description
71-	On or before August 17, 1971
71-76	After August 17, 1971, and on or before December 22, 1976
76-78	After December 22, 1976, and on or before September 18, 1978
78+	After September 18, 1978

#### ▼ Continue only if “Construction/Modification Date” is “71-76,” “76-78,” or “78+.”

**Covered Under Subpart Da or KKKK:**

Enter "YES" if the steam generating unit is covered under 40 CFR Part 60, Subpart Da or 40 CFR Part 60, Subpart KKKK. Otherwise, enter "NO."

- ▼ **Continue only if "Covered Under Subpart Da or KKKK" is "NO." If "Covered under Subpart Da or KKKK" is "YES," complete Table 2a of this unit attribute form or Table 6a of Form OP-UA11, as applicable.**

**Changes to Existing Affected Facility:**

Enter "YES" if a change has been made to the existing fossil fuel-fired steam generating unit, which was not previously subject to Subpart D, to accommodate the use of combustible materials other than fossil fuels. Otherwise, enter "NO."

- ▼ **Continue only if "Changes to Existing Affected Facility" is "NO."**

**Heat Input Rate:**

Select one of the following options for the heat input rate. Enter the code on the form.

Code	Description
250-	Heat Input Rate is less than or equal to 250 MMBtu/hr (73 MW)
250+	Heat Input Rate is greater than 250 MMBtu/hr (73 MW)

- ★ **Complete Table 3a if "Construction/Modification Date" is "78+" and "Heat Input Rate" is "250-."**

- ▼ **Continue only if "Heat Input Rate" is "250+."**

**Alternate 42C:**

Enter "YES" if the facility is meeting § 60.42Da(a) [per § 60.42(c)] as an alternate to meeting the requirements of § 60.42(a) for PM. Otherwise, enter "NO."

**PM CEMS:**

Enter "YES" if the facility uses a CEMS to measure PM. Otherwise, enter "NO."

- ★ **Complete "Opacity Monitoring" only if "PM CEMS" is "NO."**

**Opacity Monitoring:**

Select one of the following options for complying with the opacity monitoring requirement. Enter the code on the form.

<b>Code</b>	<b>Description</b>
COMS	Continuous opacity monitoring system for measuring the opacity of emissions
BLDS	Bag leak detection system to monitor performance of a fabric filter (baghouse) according to requirements in § 60.48Da
ESPMOD	Electrostatic precipitator (ESP) predictive model to monitor performance of an ESP according to requirements in § 60.48Da
PMCPMS	Continuous parametric monitoring system for PM operated according to requirements in 40 CFR Part 63, Subpart UUUUU
OTHER	Facility meets exemption from COMS in § 60.45(b)(1) or (b)(6)
NONE	Opacity limit is not applicable

**Gas/Liquid Fuel:**

Enter “YES” if the facility burns only gaseous or liquid fossil fuel (excluding residual oil) with potential SO<sub>2</sub> emissions rates of 0.060 lb/MMBtu or less and does not use post combustion technology to reduce emissions of SO<sub>2</sub> or PM. Otherwise, enter “NO.”

**Fuels with 0.30 Percent or Less Sulfur:**

Enter “YES” if the facility does not use post combustion technology (except a wet scrubber) for reducing PM, SO<sub>2</sub>, or CO emissions, burns only gaseous fuels or fuel oils that contain less than or equal to 0.30 weight percent sulfur, and is operated such that emissions of CO are maintained at levels less than or equal to 0.15 lb/MMBtu on a boiler operating day average basis. Otherwise, enter “NO.”

**Specific Site:**

Enter “YES” if the facility is Southwestern Public Service Company’s Harrington Station #1 in Amarillo, TX. Otherwise, enter “NO.” (Please note this question refers only to Unit #1 at Harrington Station. For additional steam generating facilities at Harrington Station, enter “NO.”)

**Table 1b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart D: Standards of Performance for Fossil Fuel-Fired Steam Generators**

★ **Complete for SOP applications only.**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**D-Series Fuel Type:**

Select one or more of the following options for fuel type(s) used to fire the boiler, steam generator, or steam generating unit. Enter the code(s) on the form. In some cases, several fuel type code options could appropriately describe a single fuel being combusted (e.g., distillate oil). In these instances, select one fuel type code which best represents the fuel being combusted. Enter the code on the form.

Code	Description
WD	Wood-residue
LG	Lignite
CR25	Fossil fuel containing at least 25%, by weight, of coal refuse
LG25	Fossil fuel containing at least 25% of lignite mined in North Dakota, South Dakota, or Montana
GFF	Gaseous fossil fuel other than natural gas
SFF	Solid fossil fuel (fuel that is not lignite, at least 25% coal refuse, or at least 25% lignite mined in North Dakota, South Dakota, or Montana)
LFF	Liquid fossil fuel
NFF	Non-fossil fuel other than wood residue
NG	Natural gas

If a fuel-firing option consists of multiple fuel types being combusted simultaneously, enter the D-Series fuel type code for each fuel in a separate column on the same line, with a single SOP index number. If there are more than three fuels being combusted simultaneously, use multiple lines, and start each line with a different SOP index number. Start each additional fuel-firing option on a different line with a different SOP index number. If multiple fuels that use the same code are simultaneously combusted, then enter the code once for each fuel (see "Fuel-firing Option A" for an example of multiple gaseous fossil fuels combusted simultaneously).

*Example:*

Fuel-firing Option A:

SOP Index No.	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type
60D-1A	GFF	GFF	GFF
60D-1B	GFF		
Fuel-firing Option B	60D-2	WD	LG25
Fuel-firing Option C	60D-3	LG	SFF
			NFF

▼ Continue only if "D-Series Fuel Type" is not "WD," "NFF," or "WD," and "NFF" in combination.

**Alternate 43D:**

Select one of the following options for alternate SO<sub>2</sub> requirements. Enter the code on the form.

Code	Description
43DAI3	Facility is meeting § 60.43Da(i)(3) [per § 60.43(d)] as an alternate to meeting the requirements of § 60.43(a) and (b) for SO <sub>2</sub>
42BK4	Facility is meeting § 60.42b(k)(4) [per § 60.43(d)] as an alternate to meeting the requirements of § 60.43(a) and (b) for SO <sub>2</sub>
NONE	No alternative requirement is used) for SO <sub>2</sub>

**Alternate 44E:**

Enter “YES” if the facility is meeting § 60.44Da(e)(3) [per § 60.44(e)] as an alternate to meeting the requirements of § 60.44(a), (b), and (d) for NO<sub>x</sub>. Otherwise, enter “NO.”

**Flue Gas Desulfurization:**

Enter “YES” if the unit utilizes a flue gas desulfurization device. Otherwise, enter “NO.”

**SO<sub>2</sub> Monitoring:**

Select one of the following options for monitoring of sulfur dioxide (SO<sub>2</sub>) emissions. Enter the code on the form.

Code	Description
CEMS	Continuous emissions monitoring system
FLSAMP	Fuel sampling and analysis
FLREC	Fuel receipts
NONE	No monitoring is required for SO <sub>2</sub> emissions because there is no applicable SO <sub>2</sub> emission limit

**Cyclone-Fired Unit:**

Enter “YES” if the unit is a cyclone-fired unit. Otherwise, enter “NO.”

**NO<sub>x</sub> Monitoring Type:**

Enter “YES” if it was demonstrated during the performance test that emissions of NO<sub>x</sub> are less than 70% of applicable standards in 40 CFR § 60.44. Otherwise, enter “NO.”

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**Table 2a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Da: Standards of Performance for Electric Utility Steam Generating Units**

★ **Complete this table for electric utility steam generating units and SOP applications only.**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Construction/Modification Date:**

Select one of the following options that describe the date of commencement of the most recent construction, modification, or reconstruction. Enter the code on the form.

<b>Code</b>	<b>Description</b>
78-	On or before September 18, 1978
78-97	After September 18, 1978, and on or before July 9, 1997
97-05C	Constructed after July 9, 1997, and on or before February 28, 2005
97-05R	Reconstructed after July 9, 1997, and on or before February 28, 2005
05-11C	Constructed after February 28, 2005
05-11R	Reconstructed after February 28, 2005, and on or before May 3, 2011
05-11M	Modified after February 28, 2005, and on or before May 3, 2011
11+C	Constructed on or after May 4, 2011
11+R	Reconstructed on or after May 4, 2011
11+M	Modified on or after May 4, 2011

▼ **Continue only if “Construction/Modification Date” is not “78-.”**

**Heat Input of Fossil Fuel:**

Select one of the following options for the heat input of fossil fuel alone or in combination with any other fuel. Enter the code on the form.

<b>Code</b>	<b>Description</b>
250-	Heat input of fossil fuel is less than or equal to 250 MMBtu/hr (73 MW)
250+	Heat input of fossil fuel is greater than 250 MMBtu/hr (73 MW)

★ **Complete Table 3a if “Heat Input of Fossil Fuel” is “250-.” Do not complete the remainder of Table 2.**

**D-Series Fuel Type:**

Select one or more of the following options for fuel type(s) used to fire the boiler, steam generator, or steam generating unit. Enter the code(s) on the form. In some cases, several fuel type code options could appropriately describe a single fuel being combusted (e.g., distillate oil). In these instances, select one fuel type code which best represents the fuel being combusted. Enter the code on the form.

<b>Code</b>	<b>Description</b>
NG	Natural gas
ACL	Anthracite coal
SRC	Solvent refined coal (SRC-I)
LCL	Liquefied coal
SFF	Solid fossil fuel
LFF	Liquid fossil fuel
GFF	Gaseous fossil fuel
SNFF	Solid non-fossil fuel
LNFF	Liquid non-fossil fuel
GNFF	Gaseous non-fossil fuel
SSDFF	Other solid fossil fuel derived from another solid fossil fuel
LSDFF	Other liquid fossil fuel derived from another solid fossil fuel
GSDFF	Other gaseous fossil fuel derived from another solid fossil fuel
SSDNFF	Solid fuel derived from a solid non-fossil fuel
LSDNFF	Liquid fuel derived from a solid non-fossil fuel
GSDNFF	Gaseous fuel derived from a solid non-fossil fuel

If a fuel-firing option consists of multiple fuel types being combusted simultaneously, enter the D-Series fuel type code for each fuel in a separate column on the same line, with a single SOP index number. If there are more than three fuels being combusted simultaneously, use multiple lines, and start each line with a different SOP index number. Start each additional fuel-firing option on a different line with a different SOP index number. If multiple fuels that use the same code are simultaneously combusted, then enter the code once for each fuel (See Fuel-firing Option A: for an example of multiple gaseous fossil fuels derived from a solid non-fossil fuel combusted simultaneously).

*Example:*

Fuel-firing Option A:

<b>SOP Index No.</b>	<b>D-Series Fuel Type</b>	<b>D-Series Fuel Type</b>	<b>D-Series Fuel Type</b>
60DA-1A	GSDNFF	GSDNFF	GSDNFF
60DA-1B	GSDNFF		
60DA-2	NG	ACL	
60DA-3	LCL	SSDFF	LSDFF

Fuel-firing Option B

Fuel-firing Option C



**Changes to Existing Affected Facility:**

Select one of the following changes to an existing affected facility. Enter the code on the form.

<b>Code</b>	<b>Description</b>
COFF	A change has been made to the existing fossil fuel-fired steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Da, to accommodate the use of combustible materials other than fossil fuels
CFNF	A change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Da and was originally designed to fire gaseous or liquid fossil fuels, to accommodate the use of any other fuel (fossil or non-fossil)
NO	No change as described in COFF and CFNF

▼ **Continue only if “Changes to Existing Affected Facility” is “NO.”**

★ **Complete “Percent (%) Coal Refuse” only if “Construction/Modification Date” is “05-11C,” 05-11R,” 05-11M,” “11+C,” “11+R,” or “11+M.”**

**Percent (%) Coal Refuse:**

Enter “YES” if the facility burns 75% or more coal refuse on a 12-month rolling average basis. Otherwise, enter “NO.”

**Combined Cycle Type:**

Select one of the following combined cycle type options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
IGCC	Integrated gasification combined cycle gas turbine electric utility steam generating unit
COMCYC	Combined cycle gas turbine (other than an IGCC) that is not subject to NSPS KKKK
KKKK	Combined cycle gas turbine (other than an IGCC) that is subject to NSPS KKKK
EB/CCCC	Municipal/commercial/industrial solid waste unit that is subject to NSPS Eb or CCCC
OTHER	Not a combined cycle gas turbine or a unit subject to NSPS Eb or CCCC

▼ **Do not continue if “Combined Cycle Type” is “EB/CCCC” or “KKKK.”**

▼ **Do not continue if “Combined Cycle Type” is “IGCC” and “Construction/Modification Date” is “78-97,” “97-05C,” or “97-05R.”**

**PM Commercial Demonstration Permit:**

Select one of the following exemptions to the particulate matter emission limits. Enter the code on the form.

Code	Description
CDP	The facility is operating under a PM commercial demonstration permit issued by the Administrator according to the provisions of § 60.47Da
EXEMPTF1	Affected facility meets the exemption in 60.42Da(f)(1)
NONE	The facility does not meet the PM exemptions in § 60.42Da(f)(1) or (2)

- ★ **Complete “PM Standard Basis” only if “PM Commercial Demonstration Permit” is “NONE” and “Construction/Modification Date” is “05-11C,” “05-11R,” “05-11M,” “11+M,” “11+C,” or “11+R.”**

**PM Standard Basis:**

Select one of the following PM standards. Enter the code on the form.

For facilities with “Construction/Modification Date” of “05-11C,” “05-11R,” “05-11M,” or “11+M”

Code	Description
ALT-D	§ 60.42Da(d) alternative to § 60.42Da(c)(1) or (2)
PMGEO	Gross energy based output standard
PMHIN	Heat input-based standard

For facilities with “Construction/Modification Date” of “11+C” or “11+R”

Code	Description
PMGEO	Gross energy based output standard
PMNEO	Net energy based output standard

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**Table 2b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Da: Standards of Performance for Electric Utility Steam Generating Units**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

- ★ **Complete “NO<sub>x</sub> Standard” only if “Combined Cycle Type” is “IGCC.”**

**NO<sub>x</sub> IGCC Standard:**

Select one of the following options for NO<sub>x</sub> Standard applicable to the IGCC. Enter the code on the form.

Code	Description
LIQ+50	The facility burns liquid fuel exclusively or in combination with solid-derived fuel such that liquid fuel contributes 50% or more of the total heat input
LIQVAR	The facility, during a 30-day rolling average compliance period, burns liquid fuel in combination with solid-derived fuel such the liquid fuel contributes 50% or more of the total heat input for only a portion of the clock hours in the 30-day period
LIQ-50	Neither of the above (liquid fuel is less than 50% of the total heat input)

★ **Complete “MACT Applicability” only if “Construction/Modification Date” is “11+C,” “11+R,” or “11+M.”**

**MACT Applicability:**

Select one of the following for options compliance with MACT work practice standards. Enter the code on the form.

Code	Description
63UUUUU	Unit is also subject to 40 CFR Part 63, Subpart UUUUU and complies with those work practice standards during startup/shutdown
63DDDDD	Unit is also subject to 40 CFR Part 63, Subpart DDDDD and complies with those work practice standards during startup/shutdown
NONE	Unit is not subject to 40 CFR Part 63, Subpart DDDDD or UUUUU

**Unit Type:**

Select one of the following unit type options. Enter the code on the form.

Code	Description
RESREC	Resource recovery unit
OTHER	Other unit type

**Monitoring Type:**

Designate the monitoring option for each pollutant. Select only the type(s) of monitoring applicable under 40 CFR Part 60, Subpart Da. If no monitoring is required for a specified pollutant, leave the column blank.

**PM Monitoring Type:**

Select one of the following monitoring options for particulate matter. Enter the code on the form.

Note: PM Monitoring type need not be completed if “PM Exemptions” is “CDP,” or “EXEMPTF1.”

<b>Code</b>	<b>Description</b>
PMCEMS	Continuous emission monitoring system (CEMS) per § 60.49Da(v)
EP-PMOD	An electrostatic precipitator is used for PM control and PM monitored using a predictive model per § 60.48Da(o)(3)
BH-LDET	A baghouse is used for PM control and PM monitored using a leak detection per § 60.48Da(o)(4)
EPBH-COMS	An electrostatic precipitator or a baghouse is used for PM control and PM monitored using COMS per § 60.48Da(o)(2)
PMCPMS	Continuous parameter monitoring system (CPMS) per 40 CFR Part 63, Subpart UUUUU per 60.49Da(a)(4)(ii)
OTHERPM	Other than above options

**Opacity Monitoring Type:**

Select one of the following monitoring options for opacity. Enter the code on the form.

Note: “Opacity Monitoring Type” need not be completed if “PM Exemptions” is “CDP,” or “EXEMPTF1.”

<b>Code</b>	<b>Description</b>
CMS	Continuous monitoring system for opacity (COMS)
ALT-A2I	The facility uses a fabric filter with a leak detection system installed per § 60.49Da(a)(2)(i) to meet § 60.42Da and elects to monitor opacity per § 60.49Da(a)(3)
ALT-A2II	The facility does not use a post-combustion technology for SO <sub>2</sub> or PM and burns gaseous or liquid fuels meeting specifications in § 60.49Da(a)(2)(ii) and elects to monitor opacity per § 60.49Da(a)(3)
ALT-A2III	The facility does not use a post-combustion technology (except a wet scrubber) for PM, SO or CO and burns gaseous fuels or fuel oils meeting specifications in § 60.49Da(a)(2)(iii)(A)-(C) and elects to monitor opacity per § 60.49Da(a)(3)
ALT-A2IV	The facility uses an ESP and uses an ESP predictive model to monitor the performance of the ESP developed in accordance and operated according to the most current requirements in section §60.48Da of this part) (use if PM monitoring is EP-PMOD)
ALT-A4I	The affected facility combusts only gaseous and/or liquid fuels (excluding residue oil) where the potential SO <sub>2</sub> emissions rate of each fuel is no greater than 26 ng/J (0.060 lb/MMBtu), and the unit operates according to a written site-specific monitoring plan approved by the permitting authority
ALT-A4II	The affected facility uses a particulate matter continuous parametric monitoring system (PM CPMS) according to the requirements specified in subpart UUUUU of part 63
NONE	No monitoring for opacity (use if PM monitoring is “PMCEMS”)

**SO<sub>2</sub> Monitoring Type:**

Select one of the following monitoring options for sulfur dioxide (SO<sub>2</sub>). Enter the code on the form.

Code	Description
ASFRD-C	As-fired sampling and using continuous emission monitoring system [§ 60.49Da(b)(3)]
ASFRD-C75	As-fired sampling and using continuous emission monitoring system installed to meet the requirements of Part 75 [§ 60.49Da(b)(3)]
CEM	Continuous emission monitoring system [§ 60.49Da(b)(1) or (b)(2)]
CEMS75	Continuous emission monitoring system installed to meet the requirements of Part 75 [§ 60.49Da(b)(4)]
NONE	Only gaseous and/or liquid fuels (excluding residual oil) where the potential SO <sub>2</sub> emissions rate of each fuel is 26 ng/J (0.060 lb/MMBtu) or less are combusted as specified in 60.49Da(b)

**NO<sub>x</sub> Monitoring Type:**

Select one of the following monitoring options for nitrogen oxides (NO<sub>x</sub>). Enter the code on the form.

Code	Description
CEMS	Continuous emission monitoring system
CEMS75	Continuous emission monitoring system installed to meet the requirements of Part 75
PERF	Performance test method per § 60.48Da(j)(1) or (k)(1)

**SO<sub>2</sub> Commercial Demonstration Permit:**

Enter “YES” if the facility is operating under an SO<sub>2</sub> commercial demonstration permit issued by the Administrator according to the provisions of § 60.47Da. Otherwise, enter “NO.”

★ Do not complete “SO<sub>2</sub> Emission Rate” if “D-Series Fuel Type” is only “ACL” or “SRC;” or if “Construction/Modification Date” is “05-11C,” “05-11R,” “05-11M,” “11+C,” “11+R,” or “11+M.”

**SO<sub>2</sub> Emission Rate:**

Select one of the following options for the SO<sub>2</sub> emission rate. Enter the code on the form for each fuel firing option. Do not select a heat input option if complying with lb/MWh limit in 60.43Da(a)(3) that is in lb/MWh heat output. Select the energy input option if complying with lb/MWh limit in 60.43Da(a) that is in lb/MWh heat input.

Code	Description
65-	SO <sub>2</sub> emission rate is less than 0.15 lb/MMBtu (65 ng/J) heat input
65-86	SO <sub>2</sub> emission rate is greater than 0.15 lb/MMBtu, but less than 0.20 lb/MMBtu (86 ng/J) heat input
86-260	SO <sub>2</sub> emission rate is greater than or equal to 0.20 lb/MMBtu (86 ng/J) heat input but less than or equal to 0.60 lb/MMBtu (260 ng/J) heat input
260+	SO <sub>2</sub> emission rate is greater than 0.60 lb/MMBtu (260 ng/J) heat input
180-	SO <sub>2</sub> emission rate is less than 1.4 lb/MWh (180 ng/J) gross energy output

**FGD:**

Enter “YES” if the affected facility has a flue gas desulfurization system. Otherwise, enter “NO.”

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**Table 2c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Da: Standards of Performance for Electric Utility Steam Generating Units**


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**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

- ★ Complete “SO<sub>2</sub> Standard Basis” only if “Construction/Modification Date” is “05-11C,” 05-11R,” 05-11M,” “11+C,” “11+R,” or “11+M.”

**SO<sub>2</sub> Standard Basis:**

Select one of the following SO<sub>2</sub> standards. Enter the code on the form.

Code	Description
SO <sub>2</sub> GEO	The facility meets a standard that is gross energy output-based
SO <sub>2</sub> NEO	The facility meets a standard that is net energy output-based
SO <sub>2</sub> HIN	The facility meets a standard that is heat input-based
NEITHER	The facility meets a standard other than output- or input-based (i.e. percent reduction)

**NO<sub>x</sub> Commercial Demonstration Permit:**

Enter “YES” if the facility is operating under a NO<sub>x</sub> commercial demonstration permit issued by the Administrator according to the provisions of § 60.47Da. Otherwise, enter “NO.”

- ▼ Do not continue if “NO<sub>x</sub> Commercial Demonstration Permit” is “YES.”

- ★ Complete “Alternative Standard for Combined NO<sub>x</sub> and CO” only if “Construction/Modification Date” is “11+C,” “11+R,” or “11+M.”

**Alternative Standards for Combined NO<sub>x</sub> and CO:**

Select one of the following options for the alternative standards for combined NO<sub>x</sub> + CO. Enter the code on the form

Code	Description
NOXGEO	The facility is electing to meet the applicable standard for combined NOX and CO standard that is gross energy output-based
NOXNEO	The facility is electing to meet the applicable standard for combined NOX and CO standard that is net energy output-based
NONE	The facility is not electing to meet the applicable standard for combined NOX and CO

- ★ Complete “NO<sub>x</sub> Standard Basis” only if “Construction/Modification Date” is “05-11R,” 05-11M,” “11+C,” or “11+R” and “Combined Cycle Type” is not “IGCC.”

**NOx Standard Basis:**

Select one of the following NOx standards. Enter the code on the form.

For facilities constructed, reconstructed, or modified on or after May 4, 2011

Code	Description
NOXGEO	The facility meets a standard that is gross energy output-based
NOXNEO	The facility meets a standard that is net energy output-based

For facilities reconstructed after February 28, 2005, and on or before May 3, 2011

Code	Description
NOXGEO	The facility meets a standard that is gross energy output-based
NOXHIN	The facility meets a standard that is heat input-based

- ★ **Complete “Duct Burner” only if “Construction/Modification Date” is “78-97” and if only one “D-Series Fuel Type” was entered; or if “Construction/Modification Date” is “97-05C;” or if “Construction/Modification Date” is “05-11C” and “Combined Cycle Type” is not “IGCC.”**

**Duct Burner:**

Enter “YES” if the unit is a duct burner. Otherwise, enter “NO.”

- ★ **Complete “PM Flow Monitoring System” only if “PM Standard” is “PMGEO” or “PMNEO.”**

**PM Flow Monitoring System:**

Select one of the following options to describe the flow monitoring system required for facility complying with an output-based standard under § 60.42Da. Enter the code on the form.

Code	Description
DA	Continuous flow monitoring system meeting the requirements of Performance Specification 6 of 40 CFR Part 60 Subpart Da: Appendix B and Procedure 1 of Appendix F [in accordance with 40 CFR § 60.49Da(l)]
CFMS75	Continuous flow monitoring system certified according to the requirements of 40 CFR § 75.20, meeting the applicable quality control and quality assurance requirements of 40 CFR § 75.21, and validated according to 40 CFR § 75.23 [in accordance with 40 CFR § 60.49Da(m)]
75D	Fuel flow monitoring system certified and operated according to the requirements of 40 CFR Part 75, Appendix D (gas-fired or oil-fired units only) [in accordance with 40 CFR § 60.49Da(n)]

- ★ **Complete “SO<sub>2</sub> Flow Monitoring” only if “SO<sub>2</sub> Standard Basis” is “SO<sub>2</sub>GEO” or “SO<sub>2</sub>NEO.”**

**SO<sub>2</sub> Flow Monitoring System:**

Select one of the following options to describe the flow monitoring system required for facility complying with an output-based standard under § 60.43Da. Enter the code on the form.

<b>Code</b>	<b>Description</b>
DA	Continuous flow monitoring system meeting the requirements of Performance Specification 6 of 40 CFR Part 60 Subpart Da: Appendix B and Procedure 1 of Appendix F [in accordance with 40 CFR § 60.49Da(l)]
CFMS75	Continuous flow monitoring system certified according to the requirements of 40 CFR § 75.20, meeting the applicable quality control and quality assurance requirements of 40 CFR § 75.21, and validated according to 40 CFR § 75.23 [in accordance with 40 CFR § 60.49Da(m)]
75D	Fuel flow monitoring system certified and operated according to the requirements of 40 CFR Part 75, Appendix D (gas-fired or oil-fired units only) [in accordance with 40 CFR § 60.49Da(n)]

- ★ **Complete “NO<sub>x</sub> Flow Monitoring” only if “Construction/Modification Date” is “97-05C,” “97-05R,” or “05+11C;” or if “Combined Cycle Type” is “IGCC;” or if “NO<sub>x</sub> Standard Basis” is “NOXGEO” or “NOXNEO.”**

**NO<sub>x</sub> Flow Monitoring System:**

Select one of the following options to describe the flow monitoring system required for facility complying with an output-based standard under § 60.44Da. Enter the code on the form.

<b>Code</b>	<b>Description</b>
DA	Continuous flow monitoring system meeting the requirements of Performance Specification 6 of 40 CFR Part 60 Subpart Da, Appendix B and Procedure 1 of Appendix F [in accordance with 40 CFR § 60.49Da(l)]
CFMS75	Continuous flow monitoring system certified according to the requirements of 40 CFR § 75.20, meeting the applicable quality control and quality assurance requirements of 40 CFR § 75.21, and validated according to 40 CFR § 75.23 [in accordance with 40 CFR § 60.49Da(m)]
75D	Fuel flow monitoring system certified and operated according to the requirements of 40 CFR Part 75, Appendix D (gas-fired or oil-fired units only) [in accordance with 40 CFR § 60.49Da(n)]

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**Table 3a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**

- ★ **For units in GOP applications that were constructed, modified, or reconstructed after June 9, 1989, do not complete Table 3. Complete Table 4 as directed.**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to



SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

#### Construction/Modification Date:

Select one of the following options that describe the date of commencement of the most recent construction, modification, or reconstruction. Enter the code on the form.

For units in GOP applications:

Code	Description
G89-	On or before June 9, 1989

For units in SOP applications:

Code	Description
84-	Constructed on or before June 19, 1984
84-86	Constructed after June 19, 1984, and on or before June 19, 1986
86-86	Constructed after June 19, 1986, and before November 25, 1986
86-97	Constructed on or after November 25, 1986, and on or before July 9, 1997
97-05C	Constructed after July 9, 1997, and on or before February 28, 2005
05+CR	Constructed or reconstructed after February 28, 2005
05+M	Modified after February 28, 2005

- ▼ Continue only if “Construction/Modification Date” is “84-86,” “86-86,” “86-97,” “97-05C,” “05+CR,” “05+M,” or “G89-.”

#### Heat Input Capacity:

Select one of the following options for the heat input capacity or the maximum design heat input capacity. Enter the code on the form.

For units in GOP applications:

Code	Description
NA	Not applicable

For units in SOP applications:

Code	Description
100-	Heat input capacity is less than or equal to 100 MMBtu/hr (29 MW)
100-250	Heat input capacity is greater than 100 MMBtu/hr (29 MW) but less than or equal to 250 MMBtu/hr (73 MW)
250+	Heat input capacity is greater than 250 MMBtu/hr (73 MW)

- ▼ Continue only if “Heat Input Capacity” is “100-250,” or “250+.”

- ★ If “Heat Input Capacity” is “100-,” complete Table 4 as directed. If application type is GOP, go to Table 3b and complete “D-Series Fuel Type.” Do not complete the rest of Table 3.

#### Subpart Da:

Enter “YES” if the affected facility meets applicability requirements of 40 CFR Part 60, Subpart Da. Otherwise, enter “NO.”

- ▼ Continue only if “Subpart Da” is “NO.”

**Changes to Existing Affected Facility:**

Enter “YES” if a change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281. Otherwise, enter “NO.”

▼ Continue only if “Changes to Existing Affected Facility” is “NO.”

**Subpart Ea, Eb, AAAA, or CCCC:**

Enter “YES” if the affected facility meets applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb, AAAA, or CCCC. Otherwise, enter “NO.”

▼ Continue only if “Subpart Ea, Eb, AAAA, or CCCC” is “NO.”

**Subpart KKKK:**

Enter “YES” if the affected facility is a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK. Otherwise, enter “NO.”

▼ Continue only if “Subpart KKKK” is “NO.”

**Subpart Cb or BBBB:**

Enter “YES” if the affected facility is covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines. Otherwise, enter “NO.”

▼ Continue only if “Subpart Cb or BBBB” is “NO.”

**Temporary Boiler:**

Enter “YES” if the steam-generating unit is a temporary boiler. Otherwise, enter “NO.”

▼ Continue only if “Temporary Boiler” is “NO.”

**Table 3b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**

★ Complete only if “Heat Input Capacity” is “100-250,” “250+,” or “NA.”

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**D-Series Fuel Type:**

Select one or more of the following options for fuel type(s) used to fire the boiler, steam generator, or steam generating unit. Enter the code(s) on the form. In some cases, several fuel type code options could appropriately describe a single fuel being combusted (e.g., distillate oil). In these instances, select one fuel type code which represents the fuel being combusted. Enter the code on the form.

## Gas Series (Fossil)

<b>Code</b>	<b>Description</b>
NG	Natural gas (GOP applicants may only fire natural gas)
CDSFNG	Coal-derived synthetic fuel meeting the definition of natural gas
GFF	Other gaseous fossil fuel

## Oil Series (Fossil)

<b>Code</b>	<b>Description</b>
PET	Petroleum, crude oil, or liquid fuel derived from crude oil or petroleum other than distillate or residual oil (and not a very low sulfur oil)
PETLSO3	Petroleum, crude oil, or liquid fuel derived from crude oil or petroleum other than distillate or residual oil and that contains no more than 0.3 weight percent sulfur or has a SO <sub>2</sub> emission rate less than 140 ng/J (0.32 lb/MMBtu) heat input (VLS oil post 02/28/05 units)
PETLSO5	Petroleum, crude oil, or liquid fuel derived from crude oil or petroleum other than distillate or residual oil and that contains no more than 0.5 weight percent sulfur or has a SO <sub>2</sub> emission rate less than 215 ng/J (0.5 lb/MMBtu) heat input (VLS oil 02/28/05 or earlier units)
DOIL	Distillate oil (not a very low sulfur oil)
DOILLSO3	Distillate oil that contains no more than 0.3 weight percent sulfur or has a SO <sub>2</sub> emission rate less than 140 ng/J (0.32 lb/MMBtu) heat input (VLS oil post 02/28/05 units)
DOILLSO5	Distillate oil that contains no more than 0.5 weight percent sulfur or has a SO <sub>2</sub> emission rate less than 215 ng/J (0.5 lb/MMBtu) heat input (VLS oil 02/28/05 or earlier units)
ROIL	Residual oil with a nitrogen content less than or equal to 0.30% by weight (and not a very low sulfur oil)
ROILLSO3	Residual oil with a nitrogen content less than or equal to 0.30% by weight and that contains no more than 0.3 weight percent sulfur or has a SO <sub>2</sub> emission rate less than 140 ng/J (0.32 lb/MMBtu) heat input (VLS oil post 02/28/05 units)
ROILLSO5	Residual oil with a nitrogen content less than or equal to 0.30% by weight and that contains no more than 0.5 weight percent sulfur or has a SO <sub>2</sub> emission rate less than 215 ng/J (0.5 lb/MMBtu) heat input (VLS oil 02/28/05 or earlier units)
RO30+	Residual oil with a nitrogen content greater than 0.30% by weight (and not a very low sulfur oil)
RO30+LSO3	Residual oil with a nitrogen content greater than 0.30% by weight and that contains no more than 0.3 weight percent sulfur or has a SO <sub>2</sub> emission rate less than 140 ng/J (0.32 lb/MMBtu) heat input (VLS oil post 02/28/05 units)
RO30+LSO5	Residual oil with a nitrogen content greater than 0.30% by weight and that contains no more than 0.5 weight percent sulfur or has a SO <sub>2</sub> emission rate less than 215 ng/J (0.5 lb/MMBtu) heat input (VLS oil 02/28/05 or earlier units)

## Coal Series

<b>Code</b>	<b>Description</b>
COAL	Coal
LG	Lignite mined in North Dakota, South Dakota, or Montana
OLG	Lignite mined in states other than North Dakota, South Dakota, or Montana
CLR	Coal refuses
CDSF	Coal-derived synthetic fuel not meeting the definition of natural gas
PULV	Pulverized coal
COG	Coke oven gas

## Other Fuels

<b>Code</b>	<b>Description</b>
MSW	Municipal-type solid waste
WD	Wood
BPW	Byproduct/waste
HZW	Hazardous waste
SFF	Other solid fossil fuel
SNFF	Other solid non fossil fuel
NSNFF	Other non-solid non fossil fuel
LFF	Other liquid fossil fuel

If a fuel-firing option consists of multiple fuel types being combusted simultaneously, enter the D-Series fuel type code for each fuel in a separate column on the same line, with a single SOP index number. If there are more than three fuels being combusted simultaneously, use multiple lines, and start each line with a different SOP index number. Start each additional fuel-firing option on a different line with a different SOP index number. If multiple fuels that use the same code are simultaneously combusted, then enter the code once for each fuel (See Fuel-firing Option A: for an example of multiple petroleum fuels fired simultaneously).

*Example:*

	SOP Index No.	D-Series Fuel Type	D-Series Fuel Type	ACF Option		
				S0 <sub>2</sub>	PM	NO <sub>x</sub>
60DB-1A	COAL	PET	PET	F30-CO		
60DB-1B	NG					
60DB-2	WD				F30-WD	
60DB-3	NG	DOIL	ROIL			F10-NG

▼ **Continue only for SOP Applications.**

★ **Complete “Subpart D” only if “Construction/Modification Date” is “84-86.”**

**Subpart D:**

Enter “YES” if the affected facility meets the applicability requirements of 40 CFR Part 60, Subpart D. Otherwise, enter “NO.”

**Additional Applicability Requirement:**

Select one of the following options for the affected facility if the affected facility meets applicability requirements of other 40 CFR Part 60 rules.

<b>Code</b>	<b>Description</b>
J	The affected facility meets the applicability requirements in 40 CFR Part 60, Subpart J
JA	The affected facility meets the applicability requirements in 40 CFR Part 60, Subpart Ja
E	The affected facility meets the applicability requirements in 40 CFR Part 60, Subpart E
BB	The affected facility meets the applicability requirements in 40 CFR Part 60, Subpart BB
NONE	The affected facility does not meet the applicability requirements of 40 CFR Part 60, Subpart J, 40 CFR Part 60, Subpart Ja, 40 CFR Part 60, Subpart E, or 40 CFR Part 60, Subpart BB.

**ACF Option:**

Select one of the following annual capacity factor (ACF) options. Enter the code on the form in the space next to the “D-Series Fuel Type” code (FE = Federally Enforceable).

<b>Pollutant</b>	<b>Code</b>	<b>Description</b>	<b>Citation</b>
<b>SO<sub>2</sub></b>	F30-C	Coal and oil ACF less than or equal to 30% (FE)	[60.42b(d)(1)]
	F10-OIL	Oil ACF less than or equal to 10% (FE)	[60.42b(f)(1)]
	OTHR	Other ACF or no ACF	
<b>PM</b>	10-OTH	Coal with other fuels and other fuels ACF is less than or equal to 10%	[60.43b(a)(1)(ii)]
	F10+OTH	Coal with other fuels and other fuels ACF is greater than 10% (FE)	[60.43b(a)(2)]
	F30-CLO	Coal or coal and other solid fuels ACF less than or equal to 30% (FE)	[60.43b(a)(3)(iii)]
	30+WD	Wood ACF greater than 30%	[60.43b(c)(1)]
	F30-WD	Wood ACF less than or equal to 30% (FE)	[60.43b(c)(2)(i) and (ii)]
	10-OMW	Municipal-type solid waste with other fuels and other fuels ACF is less than or equal to 10%	[60.43b(d)(1)(ii)]
	F30-MSW	Municipal-type solid waste ACF less than or equal to 30% (FE)	[60.43b(d)(2)(i) and (iii)]
	F30-OMW	Municipal-type solid waste and other fuels ACF less than or equal to 30% (FE)	[60.43b(d)(2)(i) and (iii)]
	OTHR	Other ACF or no ACF	

			OP-UA6 Instructions
Pollutant	Code	Description	Citation
NO <sub>x</sub>	F10-MIX	Coal or oil, or mixture of these fuels with natural gas ACF less than or equal to 10% (FE)	[60.44b(c)]
	F10-NGSL	Natural gas and/or distillate oil with wood, municipal-type solid waste, or other solid fuel (except coal) and has an ACF for those fuels, or a mixture of those fuels of 0.10 or less, and has an (FE) limit of less than or equal to 10%.	[60.44b(d)]
	F10-MLT	Coal, oil, or natural gas with byproduct/waste and has a coal, oil, and natural gas ACF of 10 percent (0.10) or less, and has an (FE) limit less than or equal to 10% (FE)	[60.44b(e)]
	F10-NG	Natural gas, distillate oil, and residual oil with a nitrogen content less than or equal to 0.30% combined ACF less than or equal to 10% (FE)	[60.44b(j)(2) and (3)]
	10+RO	Residual oil with a nitrogen content of .30 weight percent or less natural gas, distillate oil, or any mixture of these fuels with an ACF greater than 10%	[60.48b(g)]
	OTHR	Other ACF or no ACF	

**Table 3c:** Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at

[www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

- ★ **Complete “60.42b(k)(2) Low Sulfur Exemption” only if “Construction/Modification Date” is “05+CR” or “05+M,” and the affected facility fires low sulfur oil and/or gaseous fuel, or mixtures that include very low sulfur oil and/or gaseous fuel.**

**60.42b(k)(2) Low Sulfur Exemption:**

Enter “YES” if 60.42b(k)(2) exemption applies. Otherwise, enter “NO.”

- ★ **Complete “60.42b(k)(4) Alternative” only if “Construction/Modification Date” is “05+CR” or “05+M,” and the affected facility fires coal, as defined in 40 CFR § 60.41b, alone or in combination with other fuels.**

**60.42b(k)(4) Alternative:**

Enter “YES” if 60.42b(k)(4) is chosen as an alternative requirement to 60.42b(k)(1). Otherwise, enter “NO.”

- ★ **Complete “Post-combustion Control” only if “D-series Fuel Type” is “COG” alone or in combination with other fuels.**

**Post-Combustion Control:**

Enter “YES” if the affected facility uses a post-combustion technology, other than a wet scrubber, to reduce emissions of particulate matter or sulfur dioxide. Otherwise, enter “NO.”

★ Complete “60.43b(h)(2) Alternative” only if “Construction/Modification Date” is “05+M.”

**60.43b(h)(2) Alternative:**

Enter “YES” if the facility is electing to use the alternative requirements of 60.43b(h)(2) for PM. Otherwise, enter “NO.”

★ Complete “Electrical or Mechanical Output” only if “Construction/Modification Date” is “97-05CR” or “05+CR.”

**Electrical or Mechanical Output:**

Enter “YES” if more than 10% of the annual output is electrical or mechanical. Otherwise, enter “NO.”

★ Complete “Output Based Limit” only if “Electrical or Mechanical Output” is “YES.”

**Output Based Limit:**

Enter “YES” if the facility is electing to comply with the output-based limit in 60.44b(l)(3). Otherwise, enter “NO.”

★ Complete “60.49Da(n) Alternative” only if “Output Based Limit” is “YES.”

**60.49Da(n) Alternative:**

Enter “YES” if the facility is gas- or oil-fired and is using the 60.49Da(n) alternative. Otherwise, enter “NO.”

★ Complete “60.49Da(m) Alternative” only if “60.49Da(n) Alternative” is “NO.”

**60.49Da(m) Alternative:**

Enter “YES” if the facility is using the 60.49Da(m) alternative. Otherwise, enter “NO.”

**Table 3d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

★ Complete “Residual Oil Sampling” only if “D-Series Fuel Type” is “ROIL,” “ROILLSO3,” “ROILLSO5,” “RO30+,” “RO30+LSO3” or “RO30+LSO5.”

**Residual Oil Sampling:**

Enter “YES” if the residual oil is sampled and analyzed for nitrogen content as specified in 40 CFR § 60.49b(e). Otherwise, enter “NO.”

**Monitoring Type:**

Designate the monitoring options for each pollutant. Select only the type(s) of monitoring applicable under 40 CFR Part 60, Subpart Db.

**PM:**

Select one of the following monitoring options for PM. Enter the code on the form.

<b>Code</b>	<b>Description</b>
CEM	Continuous emission monitoring system and the facility is not subject to a federally enforceable PM limit of 0.030 lb/MMBtu or less
CEM030	Continuous emission monitoring system and the facility is subject to a federally enforceable PM limit of 0.030 lb/MMBtu or less
NONE	No particulate monitoring
FLCRT	Fuel certification (maintaining receipts per § 60.49b(r)(1) – use for § 60.43b(h)(5) exemption only)
FLSMP	Fuel certification (based on fuel analysis per § 60.49b(r)(2) – use for § 60.43b(h)(5) exemption only)

**PM (Opacity):**

Select one of the following monitoring options for opacity. Enter the code on the form.

<b>Code</b>	<b>Description</b>
CMS	Continuous opacity monitoring systems (COMS)
CCEM	Continuous emissions monitoring system for carbon monoxide (CO) installed and operated per 40 CFR § 60.48b(j)(4)
NONE	No particulate monitoring

**NOx:**

Select one of the following monitoring options for nitrogen oxides (NOx). Enter the code on the form.

<b>Code</b>	<b>Description</b>
CEM	Continuous emission monitoring system
CEM75	Continuous emission monitoring system used to comply with 40 CFR Part 75
PEM	Predictive emission monitoring system
NONE	No NOx monitoring

**SO<sub>2</sub>:**

Select one of the following monitoring options for SO<sub>2</sub>. Enter the code on the form.

<b>Code</b>	<b>Description</b>
ASFRD	As-fired sampling
MTH6B	Method 6B sampling
FLCRT	Fuel certification (maintaining receipts per § 60.49b(r)(1))
FLSMP	Fuel certification (based on fuel analysis per § 60.49b(r)(2))
CEM	Continuous emission monitoring system
NONE	No SO <sub>2</sub> monitoring (not applicable if the low sulfur exemption applies)



**Technology Type:**

Select one of the following technology type options. Enter the code on the form.

Code	Description
FLDBD	Fluidized bed combustion (conventional technology)
DESLF	Flue gas desulfurization service (conventional technology)
EMRG+	Emerging technology with fuel pretreatment
EMRG-	Emerging technology without fuel pretreatment
CONV	Other conventional technology
NONE	No emerging or conventional technology is used to reduce or control SO <sub>2</sub> emissions

**Unit Type:**

Select one of the following unit type options. Enter the code on the form.

Code	Description
FDSTK	Mass feed stoker
SPDSTK	Spreader stoker
DCTBRN1	Duct burner as part of combined cycle system (compliance with NO <sub>x</sub> limitations is determined by conducting a performance test)
DCTBRN2	Duct burner as part of combined cycle system (compliance on a 30-day rolling average basis determined by using a continuous emission monitoring system)
SLGTP	Slag tap furnace
OTHER	Other unit type

- ★ Complete “Heat Release Rate” only if “Unit Type” is “FDSTK,” “SPDSTK,” “SLGTP,” or “OTHER” and “D series Fuel Type” is, alone or in combination, “NG,” “DOIL,” “DOILLSO<sub>3</sub>,” “DOILLSO<sub>5</sub>,” “ROIL,” “ROILLSO<sub>3</sub>,” “ROILLSO<sub>5</sub>,” “RO30+,” “RO30+LSO<sub>3</sub>,” or “RO30+LSO<sub>5</sub>.”

**Heat Release Rate:**

Select one of the following options for heat release rate. Enter the code on the form for each fuel-firing option.

Code	Description
NGLOW	Natural gas with a heat release rate less than or equal to 70 MBtu/hr/ft <sup>3</sup>
NGHIGH	Natural gas with a heat release rate greater than 70 MBtu/hr/ft <sup>3</sup>
ROLOW	Residual oil with a heat release rate less than or equal to 70 Mbtu/hr/ft <sup>3</sup>
ROHIGH	Residual oil with a heat release rate greater than 70 MBtu/hr/ft <sup>3</sup>
DOLOW	Distillate oil with a heat release rate less than or equal to 70 Mbtu/hr/ft <sup>3</sup>
DOHIGH	Distillate oil with a heat release rate greater than 70 MBtu/hr/ft <sup>3</sup>

- ★ Complete “Heat Input Gas/Oil” only if “Construction/Modification Date” is “97-05CR” or “05+CR.” and “Heat Release Rate” is “NGLOW” or “DOLOW.”

**Heat Input Gas/Oil:**

Enter “YES” if the facility combusts natural gas or distillate oil in excess of 30 % of the heat input from the combustion of all fuels. Otherwise, enter “NO.”

- ★ Complete “Heat Input Wood” only if “Construction/Modification Date” is “05+M.”

TCEQ-10026 (APD-ID 40v3.0, revised 09/24) OP-UA6 Instr.

This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V Release 09/24)

**Heat Input Wood:**

Enter “YES” if the facility combusts over 30% wood by heat input. Otherwise, enter “NO.”

★ **Complete “Fuel Heat Input” only if “Unit Type” is “DCTBRN1” or “DCTBRN2” and combusting coal or oil.**

**Fuel Heat Input:**

Enter “YES” if the heat input is less than or equal to 30% from combustion of coal and oil in the duct burner and heat input is greater than or equal to 70% of the steam generating unit and is from the exhaust gases entering the duct burner. Otherwise, enter “NO.”

**Table 3e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

★ **Complete “Alternate Emission Limit” only if “D-Series Fuel Type” is “BPW.”**

**Alternate Emission Limit (AEL):**

Enter “YES” if the facility combusts byproduct/waste with either natural gas or oil and petitioned the EPA Administrator to establish a NO<sub>x</sub> emission limit that applies specifically when the byproduct/waste is combusted. Otherwise, enter “NO.”

**AEL ID No.:**

If an alternate emission limit has been approved, then enter the corresponding AEL identification number (ID No.) for each unit or process (maximum 10 characters). If the AEL identification number is unavailable, then enter the date of the approval letter. The identification number and/or the date of the approval letter is contained in the compliance file under the appropriate regulated entity number. Otherwise, leave this column blank.

**Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Dc: Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Construction/Modification Date:**

Select one of the following options that describe the date of commencement of the most recent construction, modification, or reconstruction. Enter the code on the form.

Code	Description
89-	On or before June 9, 1989
89-05	After June 9, 1989, but on or before February 28, 2005
05+	After February 28, 2005

▼ **Continue only if “Construction/Modification Date” is “89-05” or “05+.”**

**Maximum Design Heat Input Capacity:**

Select one of the following options for the maximum design heat input capacity. Enter the code on the form.

Code	Description
10-	Maximum design heat input capacity is less than 10 MMBtu/hr (2.9 MW)
10-100	Maximum design heat input capacity is greater than or equal to 10 MMBtu/hr (2.9 MW) but less than or equal to 100 MMBtu (29 MW)
100+	Maximum design heat input capacity is greater than 100 MMBtu/hr (29 MW) (for SOP applications only)

▼ **Continue only if “Maximum Design Heat Input Capacity” is “10-100.”**

**Applicability:**

Select one of the following options for the applicability of other 40 CFR Part 60 Subparts. Enter the code on the form.

Code	Description
KKKK	A heat recovery steam generator associated with a stationary combustion turbine that meets the applicability requirements of 40 CFR Part 60, Subpart KKKK.
AAAA	Steam generating unit that meets the applicability requirements of and is subject to 40 CFR Part 60, Subpart AAAA.
CCCC	Steam generating unit that meets the applicability requirements of and is subject to 40 CFR Part 60, Subpart CCCC
BBBB	Steam generating unit that meets the applicability requirements of and is subject to an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, subpart BBBB.
J/JA	A boiler or steam generating unit located at a refinery that meets the applicability requirements of and is subject to 40 CFR Part 60, Subpart J or Ja.
TEMP	The unit is a temporary boiler.
NONE	Unit is not subject to other 40 CFR Part 60 subparts.

▼ **Continue only if “Applicability” is “NONE” or “J/JA.”**

**Heat Input Capacity:**

Select one of the following options for the heat input capacity. Enter the code on the form.

For units in GOP applications:

Code	Description
NA	Not applicable

For units in SOP applications:

Code	Description
10-	Heat input capacity is less than or equal to 10 MMBtu/hr (2.9 MW)
10-30	Heat input capacity is greater than 10 MMBtu/hr (2.9 MW) but less than 30 MMBtu/hr (8.7 MW)
30-75	Heat input capacity is greater than or equal to 30 MMBtu/hr (8.7 MW) but less than or equal to 75 MMBtu/hr (22 MW)
75-100	Heat input capacity is greater than 75 MMBtu/hr (22 MW)

#### D-Series Fuel Type:

Select one or more of the following options for the fuel type(s) used to fire the boiler, steam generator, or steam generating unit. Enter the code(s) on the form. In some cases, several fuel type code options could appropriately describe a single fuel being combusted (e.g., distillate oil). In these instances, select one fuel type code which best represents the fuel being combusted. Enter the code on the form.

Code	Description
NG	Natural gas (GOP applicants may only fire natural gas)
DOIL	Distillate oil
ROIL	Residual oil
WD	Wood
OIL	Crude oil, petroleum, or liquid fuel derived from crude oil or petroleum other than distillate or residual oil
COAL	Coal, lignite, petroleum coke, or synthetic fuels derived from coal
OTHER	Other fuel
CLR	Coal Refuse

If a fuel-firing option consists of multiple fuel types being combusted simultaneously, enter the D-Series fuel type code for each fuel in a separate column on the same line, with a single SOP index number. If there are more than three fuels being combusted simultaneously, use multiple lines, and start each line with a different SOP index number. Start each additional fuel-firing option on a different line with a different SOP index number. If multiple fuels that use the same code are simultaneously combusted, then enter the code once for each fuel (See Fuel-firing Option A: for an example of multiple types of coal fired simultaneously).

Example:

Fuel-firing Option  
AFuel-firing Option  
BFuel-firing Option  
C

SOP Index No.	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	ACF Option	
				SO <sub>2</sub>	PM
60DC-1A	COAL	COAL	COAL	55-CL	
60DC-1B	COAL				
60DC-2	WD				30+WD
60DC-3	COAL	OIL			10-OTH

## ▼ Continue only for SOP Applications.

**ACF Option:**

Select one of the following ACF options. Enter the code on the form in the space next to the “D-Series Fuel Type” code (FE = Federally Enforceable).

Pollutant	Code	Description	Citation
SO <sub>2</sub>	F55-CL	Coal ACF less than or equal to 55% (FE)	[60.42c(c)(2)]
	55+CL	Coal ACF greater than 55%	[60.42c(e)(1)(iii)]
	55+CL	Other ACF or no ACF	

Pollutant	Code	Description	Citation
PM	10-OTH	Coal with other fuels and other fuels ACF is less than or equal to 10%	[60.43c(a)(1)]
	F10+OTH	Coal with other fuels and other fuels ACF is greater than 10% (FE)	[60.43c(a)(2)]
	30+WD	Wood ACF greater than 30%	[60.43c(b)(1)]
	F30-WD	Wood ACF less than or equal to 30% (FE)	[60.43c(b)(2)]
	OTHR	Other ACF or no ACF	

**30% Coal Duct Burner:**

Enter YES” if the facility combusts coal in a duct burner as part of a combined cycle system where 30% or less of the heat is from combustion of coal and 70% or more is from exhaust gases entering the duct burner. Otherwise, enter “NO.”

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**Table 4b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Dc: Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units**


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- ★ Complete only if “Construction Date” is “89-05 or 05+” and “Maximum Design Heat Input Capacity” is “10-100.” For SOP applications only.

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Monitoring Type:**

Designate the monitoring options for each pollutant. Select only the type(s) of monitoring applicable under 40 CFR Part 60, Subpart Dc.

**PM:**

Select one of the following monitoring options for particulate matter (PM). Enter the code on the form.

Code	Description
CEMS	Continuous monitoring system for PM and the facility is not subject to a federally enforceable PM limit of 0.030 lb/MMBtu or less
CEMS30	Continuous monitoring system for PM and the facility is subject to a federally enforceable PM limit of 0.030 lb/MMBtu or less
MTH+	Method 5, 5B or 17 sampling
NONE	No particulate monitoring because there is no applicable PM emission limit.

**SO<sub>2</sub> Inlet:**

Select one of the following monitoring options for SO<sub>2</sub> at the control device inlet or outlet of the steam generating unit if no SO<sub>2</sub> control device is used. Enter the code on the form.

Code	Description
ASFRD	Daily as-fired sampling
FLTND	Shipment fuel sampling
MTH6B	Method 6B sampling
FLCRT	Fuel certification (or maintaining receipts)
CEM	Continuous emission monitoring system
NONE	No SO <sub>2</sub> monitoring because there is no applicable SO <sub>2</sub> emission limit

**SO<sub>2</sub> Outlet:**

Select one of the following monitoring options for SO<sub>2</sub> at the control device outlet. Enter the code on the form.

Code	Description
CEM	Continuous emission monitoring system
MTH6B	Method 6B sampling
NONE	No SO <sub>2</sub> monitoring because there is no applicable SO <sub>2</sub> emission limit

**Technology Type:**

Select one of the following technology type options. Enter the code on the form.

Code	Description
FLDBD	Fluidized bed combustion (conventional technology)
DESLF	Flue gas desulfurization service (conventional technology)
EMRG	Emerging technology
NONE	No emerging or conventional technology is used to reduce or control SO <sub>2</sub> emissions
CONV	Other conventional technology

- ★ **Complete “43CE-Option” only if “Construction/Modification Date” is “05+” and “Heat Input Capacity” is “30-75” or “75-100” and “D-Series Fuel Type” includes “DOIL,” “ROIL,” “WD,” “OIL,” “COAL” or “CLR.”**

**43CE-Option:**

Select one of the following § 60.43c(e) PM emission options. Enter the code on the form.

Code	Description
43CE-4	Exemption § 60.43c(e)(4) for a facility that combusts only oil that contains no more than 0.50% by weight sulfur or a mixture of 0.50% by weight sulfur oil with other fuels not subject to a PM standard under § 60.43c and not using a post-combustion technology (except a wet scrubber)
43CE-3	§ 60.43c(e)(3) for a facility that has a heat input capacity of 30 MMBtu/hr or greater and that combusts over 30% wood (by heat input) on an annual basis
43CE-1	§ 60.43c(e)(1) for a facility that combusts coal, oil, wood, a mixture of these fuels, or a mixture of these fuels with any other fuels and has a heat input capacity of 30 MMBtu/hr or greater
43CE-2	§ 60.43c(e)(2) as an alternative § 60.43c(e)(1)

- ★ **Do not complete “47C-Option” if any of the following conditions are met: “Monitoring Type – PM” is “CEMS30”; “D-Series Fuel Type” is “NG” and/or “OTHER”; or “Heat Input Capacity” is “10-” or “10-30.”**

**47C-Option:**

Select one of the following § 60.47c PM (Opacity) options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
47C-AB	§ 60.4c(a) and (b) COMS requirements for a facility combusting coal, oil, or wood that is subject to the opacity standards under § 60.43c
47C-C	COMS exemption § 60.47c(c) for a facility that burns only distillate oil that contains no more than 0.5 weight percent sulfur and/or liquid or gaseous fuels with potential sulfur dioxide emission rates of 26 ng/J (0.060 lb/MMBtu) heat input or less and that do not use a post combustion technology
47C-D	§ 60.47c(d) for a facility that complies with the PM emission limit by using a PM CEMS.
47C-E	COMS exemption § 60.47c(e) for a facility that does not use post-combustion technology (except a wet scrubber), burns only gaseous fuels or fuel oils that contain less than or equal to 0.5 weight percent sulfur, and operated such that emissions of CO discharged are maintained at levels less than or equal to 0.15 lb/MMBtu on a boiler operating day average basis
47C-F	COMS exemption § 60.47c(f) for a facility that uses a bag leak detection system to monitor the performance of a fabric filter (baghouse) according to the most recent requirements in section § 60.48Da
47C-G	COMS exemption § 60.47c(f) for a facility that burns only gaseous fuels or fuel oils that contain less than or equal to 0.5 weight percent sulfur and operates according to a written site-specific monitoring plan approved by the permitting authority

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**Table 5a:** Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas

- ★ Complete only for units located at industrial, commercial, and institutional (ICI) major sources of NO<sub>x</sub> as defined in 30 TAC § 117.10, and located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur or Dallas/Fort Worth Eight-Hour ozone nonattainment areas.

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).



**Unit Type:**

Select one of the following options for the type of service. Enter the code on the form.

<b>Code</b>	<b>Description</b>
ICIB-X	Industrial, commercial, or institutional boiler regulated as an existing facility by the EPA at 40 CFR Part 266, Subpart H, as was in effect on June 9, 1993
SULF	Sulfur plant reaction boiler
FCCUB	Fluid catalytic cracking unit boiler (including CO boilers) (Beaumont/Port Arthur ozone nonattainment area only)
CBCOGEN	A cogeneration boiler utilizing heat or fuel from carbon black reactors (Beaumont/Port Arthur ozone nonattainment area)
ICIB	Any other industrial, commercial, or institutional boiler

▼ **Do not continue if “Unit Type” is “SULF,” or “ICIB-X” or if located in the Beaumont/Port Arthur ozone nonattainment area and “Unit Type” is “CBCOGEN.”**

**MRC:**

Select one of the following options for the maximum rated capacity (MRC), as defined in 30 TAC Chapter 117. Enter the code on the form.

For units in GOP applications:

<b>Code</b>	<b>Description</b>
G2-	MRC is less than or equal to 2 MMBtu/hr
G2-40	MRC is greater than 2 MMBtu/hr but less than 40 MMBtu/hr
G40-100	MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr

For units in SOP applications:

For boilers located in the Beaumont/Port Arthur ozone nonattainment area:

<b>Code</b>	<b>Description</b>
40-	MRC is less than 40 MMBtu/hr
40-100	MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr
100-200	MRC is greater than or equal to 100 MMBtu/hr but less than 200 MMBtu/hr
200-250	MRC is greater than or equal to 200 MMBtu/hr but less than 250 MMBtu/hr
250+	MRC is greater than or equal to 250 MMBtu/hr

For boilers located in the Houston/Galveston/Brazoria ozone or the Dallas/Fort Worth Eight-Hour nonattainment areas:

Code	Description
2-	MRC is less than or equal to 2 MMBtu/hr
2-40	MRC is greater than 2 MMBtu/hr but less than 40 MMBtu/hr
40-100	MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr
100-200	MRC is greater than or equal to 100 MMBtu/hr but less than 200 MMBtu/hr
200-250	MRC is greater than or equal to 200 MMBtu/hr but less than 250 MMBtu/hr
250+	MRC is greater than or equal to 250 MMBtu/hr

- ▼ **Do not continue if located in the Beaumont/Port Arthur ozone nonattainment area and “MRC” is “G2-” or “G2-40” for GOP applications; or “40-” for SOP applications.**
- ▼ **Do not continue if located in the Houston/Galveston/Brazoria or the Dallas/Fort Worth Eight-Hour ozone nonattainment areas and “MRC” is “G2-” for GOP applications; or “2-” for SOP applications.**
- ★ **Complete “RACT Date Placed in Service” only if located in the Beaumont/Port Arthur ozone nonattainment area.**

#### **RACT Date Placed in Service:**

Select one of the following options for the date the unit was placed in service. Enter the code on the form.

Code	Description
92-	On or before November 15, 1992
92-93	After November 15, 1992, and on or before June 9, 1993
93-FCD	After June 9, 1993, and before the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020
FCD+	On or after the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020

- ★ **Complete “Functionally Identical Replacement” only if “RACT Date Placed in Service” is “93-FCD.”**

#### **Functionally Identical Replacement:**

Select one of the following options to identify if the unit is a functionally identical replacement for a unit or group of units that were in service on or before November 15, 1992. Enter the code on the form.

Code	Description
YES	Unit is a functionally identical replacement
NO	Unit is not a functionally identical replacement

- ▼ **Do not continue if located in the Beaumont/Port Arthur ozone nonattainment area and “RACT Date Placed in Service” is “92-93” or “FCD+”; or “RACT Date Placed in Service” is “93-FCD” and “Functionally Identical Replacement” is “NO.”**

**Fuel Type:**

Select one of the following options for fuel type. Enter the code on the form.

Code	Description
NG	Natural Gas (GOP applicants for GOPs 511, 512, 513 and 514 must select this option, other applicants may select this option)
GS	Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases (refinery gas or mixtures, etc.)
LFG	Landfill Gas
ORG	Renewable non-fossil fuel gas other than landfill gas
LQD	Liquid
WD	Wood
COKE	Coke (Houston/Galveston/Brazoria ozone Eight-Hour nonattainment areas only)
RICE	Rice Hull (Houston/Galveston/Brazoria ozone Eight-Hour nonattainment areas only)

If a fuel-firing option consists of multiple fuel types being combusted simultaneously, enter the fuel type code for each fuel in a separate column on the same line, with a single SOP index number. If there are more than three fuels being combusted simultaneously, use multiple lines, and start each line with a different SOP index number. Start each additional fuel-firing option on a different line with a different SOP index number. If multiple fuels that use the same code are simultaneously combusted, then enter the code once for each fuel (See Fuel-firing Option C: for an example of multiple types of liquid fuel fired simultaneously).

*Example:*

Fuel-firing Option A

Fuel-firing Option B

Fuel-firing Option C

SOP Index No.	Fuel Type	Fuel Type	Fuel Type
R7ICI-I	GS	LQD	WD
R7ICI-2A	GS	LQD	WD
R7ICI-2B	H50-A		
R7ICI-3	LQD	LQD	

★ **Complete “Annual Heat Input” only if application type is SOP.**

**Annual Heat Input:**

Select one of the following options for the annual heat input. Enter the code on the form.

For units with a “MRC” designation of “40-100:”

Code	Description
28-	Annual Heat Input is less than or equal to 2.8 (10 <sup>11</sup> ) Btu/yr, based on rolling 12-month average (Low annual capacity factor boilers)
28+	Annual Heat Input is greater than 2.8 (10 <sup>11</sup> ) Btu/yr, based on rolling 12-month average

For units with a “MRC” designation of “100-200,” “200-250,” or “250+:”

Code	Description
22-	Annual Heat Input is less than or equal to 2.2 (10 <sup>11</sup> ) Btu/yr, based on rolling 12-month average (Low annual capacity factor boilers)
22+	Annual Heat Input is greater than 2.2 (10 <sup>11</sup> ) Btu/yr, based on rolling 12-month average

**Table 5b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas**

▼ **Continue only if one of the following conditions is met:**

- “Unit Type” is “ICIB-X” or “FCCUB,” and the unit is located in the Beaumont/Port Arthur ozone nonattainment area and the unit is to be included in the Alternative Plant-wide Emission Specifications or Source Cap as an Opt-in Unit, or the “Unit Type” is “ICIB” and the unit is located in the Beaumont/Port Arthur or Dallas/Fort Worth Eight-Hour ozone nonattainment areas
- Unit is located in the Houston/Galveston/Brazoria

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**NO<sub>x</sub> Emission Limitation:**

Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable emission specifications. Select one of the following options. Enter the code on the form.

For GOP applications

Code	Description
X03B	Title 30 TAC §§ 117.103(b)(1) or 117.303(b)(1) exemption (for all GOP boilers potentially subject to RACT)
103A	Title 30 TAC § 117.103(a)(2) exemption (use for boilers located in the Beaumont/Port Arthur ozone nonattainment area and rated less than 40 MMBtu/hr, may be used for exemption from both RACT and ESAD requirements)
103C	Title 30 TAC § 117.103(c) exemption (use for boilers located in the Beaumont/Port Arthur ozone nonattainment area rated greater than 40 MMBtu/hr and qualifies as a low annual capacity boiler under 30 TAC § 117.103(b)(2), use for exemption from ESAD requirements)
110A	Title 30 TAC § 117.110(a)(1) (use for boilers located in the Beaumont/Port Arthur ozone nonattainment area and rated greater than 40 MMBtu/hr and does not qualify as a low annual capacity boiler, for ESAD applicability.)
310A	Title 30 TAC § 117.310(a) (use for boilers located in the Houston/Galveston/Brazoria ozone nonattainment area)
410A	Title 30 TAC § 117.410(a) (use for boilers located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area)

For SOP applications

For boilers located in the Beaumont/Port Arthur ozone nonattainment area:

<b>Code</b>	<b>Description</b>
105	Title 30 TAC § 117.105 (relating to Emission Specifications for Reasonably Available Control Technology)
110A	Title 30 TAC § 117.110(a) (use for boilers located in the Beaumont/Port Arthur ozone nonattainment area and rated greater than 40 MMBtu/hr and does not qualify as a low annual capacity unit.)
APES	Unit is complying with an Alternative Plant-wide Emissions Specification under Title 30 TAC § 117.115
ACSS	Unit is complying with an Alternative Case-specific Specification under Title 30 TAC § 117.125
SC	Unit is complying with a Source Cap under Title 30 TAC § 117.123

For boilers located in the Houston/Galveston/Brazoria ozone nonattainment area:

<b>Code</b>	<b>Description</b>
310D	Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in Chapter 101, Subchapter H: Division 3 and Emission Specifications for Attainment Demonstration]
ACF	Boiler is complying with an annual capacity factor specification under Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(17)

For boilers located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area:

<b>Code</b>	<b>Description</b>
410A	Title 30 TAC § 117.410(a) (use for boilers located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area)
ACF	Boiler is complying with an annual capacity factor specification under Title 30 TAC § 117.410(a)(14)
SC	Unit is complying with a Source Cap under Title 30 TAC § 117.423
405A	Title 30 TAC § 117.405(a) (use for wood-fired boilers located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area)

▼ **Continue only if application type is SOP.**

- ★ **Complete “Opt-in Unit” only if the site is located in the Beaumont-Port Arthur ozone nonattainment area and “Emission Limitation” is “APES” or “SC.”**

**Opt-In Unit:**

Enter “YES” if the unit is an opt-in unit listed in 30 TAC § 117.115(f) that the owner or operator has chosen to include into the Plant-wide emission or Source Cap to comply with § 117.105 or § 117.110 (for FCCU Unit Type only). Otherwise, enter “NO.”

- ★ **Complete “23C-Option” only if “NO<sub>x</sub> Emission Limitation” is “SC.”**

**23C-Option:**

Select one of the following § 117.123(c)(1) or 423(c)(1) options for monitoring. Enter the code on the form.

Code	Description
23C-A	NO <sub>x</sub> , CO, O <sub>2</sub> (or CO <sub>2</sub> ) CEMS and a totalizing fuel flow meter per § 117.123(c)(1)(A) or § 117.423(c)(1)(A).
23C-B	PEMS and a totalizing fuel flow meter per § 117.123(c)(1)(B) or § 117.423(c)(1)(B).
23C-C	Rate measured by hourly emission rate testing per § 117.123(c)(1)(C) or § 117.423(c)(1)(C).

★ **Complete “30 TAC Chapter 116 Permit Limit” only if “NO<sub>x</sub> Emission Limitation” is “105.”**

**30 TAC Chapter 116 Permit Limit:**

Select one of the following options for 30 TAC Chapter 116 permit limit. Enter the code on the form.

For units with a 30 TAC Chapter 116 permit in effect on June 9, 1993:

Code	Description
93Y	NO <sub>x</sub> emission limit in 30 TAC § 117.105 is greater than the NO <sub>x</sub> emission limit in a 30 TAC Chapter 116 permit
93N	NO <sub>x</sub> emission limit in 30 TAC § 117.105 is not greater than the NO <sub>x</sub> emission limit in a 30 TAC Chapter 116 permit

For units placed in service after June 9, 1993, and prior to the final compliance date of 30 TAC § 117.9000 as a functionally identical replacement for an existing unit or group of units and limited to the cumulative MRC of the units replaced:

Code	Description
95Y	Emission limit in 30 TAC § 117.105 is greater than the NO <sub>x</sub> emission limit in any 30 TAC Chapter 116 permit issued after June 9, 1993
95N	Emission limit in 30 TAC § 117.105 is not greater than the NO <sub>x</sub> emission limit in any 30 TAC Chapter 116 permit issued after June 9, 1993

For existing units without a 30 TAC Chapter 116 permit in effect on June 9, 1993, or for units placed in service after the final compliance date of 30 TAC § 117.9000 as a functionally identical replacement for an existing unit or group of units and limited to the cumulative MRC of the units replaced:

Code	Description
N/A	NO <sub>x</sub> emission limit in 30 TAC § 117.105 applies for purposes of 30 TAC Chapter 117

★ **Complete “EGF System Cap Unit” only if located in the Houston/Galveston/Brazoria ozone nonattainment area.**

**EGF System Cap Unit:**

Enter “YES” if the unit is used as an electric generating facility to generate electricity for sale to the electric grid. Otherwise, enter “NO.”

Units with electric output entirely dedicated to industrial customers or that generate electricity primarily for internal use are not considered as electric generating facilities generating electricity for sale to the electric grid and are not subject to the system cap requirements of 30 TAC § 117.320. “Entirely dedicated” may include up to two weeks per year of service to the electric grid when the industrial customer’s load sources are not operating. Units generating electricity primarily for internal use are those that have previously or will transfer generated electricity to a utility power distribution system at a rate less than 3.85% of actual electrical generation.

**NO<sub>x</sub> Emission Limit Average:**

Select one of the following options for the NO<sub>x</sub> emission limit. Enter the code on the form.

Code	Description
30DAY	Comply with the applicable emission limit in pounds/MMBtu on a rolling 30-day average
30/24	Emission limit in pounds/MMBtu on a rolling 30-day and 24-hour average
BLK1-LB	Comply with the applicable emission limit using block one-hour average
PPMV	Emission limit in parts per million by volume (ppmv)
OTHER	Other emission limit basis

**NO<sub>x</sub> Reduction:**

Select one of the following NO<sub>x</sub> reduction options. Enter the code on the form.

Code	Description
FRCFG	Forced flue gas recirculation
INDFG	Induced flue gas recirculation
WATER	Water or steam injection
POST1	Post combustion control technique with ammonia or urea injection
POST2	Post combustion control technique with chemical reagent injection other than ammonia or urea
OTHER	Other NO <sub>x</sub> reduction method
NONE	No NO <sub>x</sub> reduction

- ★ **Complete “Common Stack Combined” only if the unit is located in the Beaumont/Port Arthur ozone nonattainment area**

**Common Stack Combined:**

Enter “YES” if the unit is vented through a common stack; the total rated heat input from combined units is greater than or equal to 250 MMBtu/hr and the annual combined heat input is greater than 2.2 (10<sup>11</sup>) Btu/yr. Otherwise, enter “NO.”

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**Table 5c: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

- ★ **Complete “Fuel Type Heat Input” only if “NO<sub>x</sub> Emission Limitation” is “APES.”**

**Fuel Type Heat Input:**

Select one of the following options for the annual heat input. Enter the code on the form.

Code	Description
GAS50	Boiler is fired with gaseous and liquid fuel, and derives more than 50% annual heat input from gaseous fuel
LIQ50	Boiler is fired with gaseous and liquid fuel, and derives more than 50% annual heat input from liquid fuel
SOLID	Boiler is fired with a combination of gaseous (or liquid) and solid fuels
NONE	Boiler is fired with none of the above combinations

*Note: Boilers that derive exactly 50% annual heat input from gaseous fuel and 50% from liquid fuel may choose either GAS50 or LIQ50.*

**NOx Monitoring System:**

Select one of the following monitoring system options. Enter the code on the form.

Code	Description
75ARC	Acid rain affected unit subject to continuous emissions monitoring requirements of 40 CFR Part 75
75ARP	Acid rain affected unit subject to predictive emissions monitoring requirements of 40 CFR Part 75
CEMS	Continuous emissions monitoring system
PEMS	Predictive emissions monitoring system
MERT	Maximum emissions rate testing

**Fuel Flow Monitoring:**

Select one of the following options to indicate how fuel flow is monitored. Enter the code on the form.

Code	Description
X40A	Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a)
X40A2-A	Unit operates with a NOx and diluent CEMS and monitors stack exhaust flow per 30 TAC §§ 117.140(a)(2)(A), 117.340(a) (2)(A) or 117.440(a) (2)(A)
X40A2-B	Unit vents to a common stack with a NOx and diluent CEMS and uses a single totalizing fuel flow meter per 30 TAC §§ 117.140(a)(2)(B), 117.340(a) (2)(B) or 117.440(a) (2)(B)

▼ Do not continue if “Opt-in Unit” is “YES.”



**CO Emission Limitation:**

Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable CO emission specifications of 30 TAC Chapter 117, Subchapter B. Select one of the following options. Enter the code on the form.

For boilers located in the Beaumont/Port Arthur ozone nonattainment area:

<b>Code</b>	<b>Description</b>
105F	Title 30 TAC § 117.105(f) [relating to Emissions Specifications for Reasonably Available Control Technology (use for unit's subject to RACT in the Beaumont/Port Arthur ozone nonattainment area.)
110C	Title 30 TAC § 117.110(c)(1) [relating to Emission Specifications for Attainment Demonstration] (use for unit's subject to ESAD requirements in the Beaumont/Port Arthur ozone nonattainment area)
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC § 17.125(a)

For boilers located in the Houston/Galveston/Brazoria ozone nonattainment area:

<b>Code</b>	<b>Description</b>
310C	Title 30 TAC § 117.310(c)(1) 400 ppmv option
310CPPMV	Title 30 TAC § 117.310(c)(1) 775 ppmv option for wood-fuel-fired boilers
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC § 117.325(a)

For boilers located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area:

<b>Code</b>	<b>Description</b>
410C	Title 30 TAC § 117.410(c)(1) [relating to Emission Specifications for Attainment Demonstration] (use for unit's subject to ESAD requirements in the Dallas/Fort Worth Eight-Hour ozone nonattainment area.)
405D	Title 30 TAC § 117.405(d)(1) [use for wood fired units subject to Reasonably Available Control Technology (RACT) requirements]
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC § 117.425(a)

**CO Monitoring System:**

Select one of the following options to indicate how the unit is monitored for CO exhaust emissions. Enter the code on the form.

<b>Code</b>	<b>Description</b>
CEMS	Continuous emissions monitoring system
PEMS	Predictive emissions monitoring system
OTHER	Other than CEMS or PEMS

▼ **Continue only if “NO<sub>x</sub> Reduction” is “POST1.”**

**NH<sub>3</sub> Emission Limitation:**

Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable NH<sub>3</sub> emission specifications of 30 TAC Chapter 117. Select one of the following options. Enter the code on the form.

For boilers located in the Beaumont/Port Arthur ozone nonattainment area:

<b>Code</b>	<b>Description</b>
105G	Title 30 TAC § 117.105(g) [relating to Emission Specifications for Reasonably Available Control Technology]
110C	Title 30 TAC § 117.110(c)(2) [relating to Emission Specifications for Attainment Demonstration]
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC § 117.125(a).

For boilers located in the Houston/Galveston/Brazoria ozone nonattainment area:

<b>Code</b>	<b>Description</b>
310C	Title 30 TAC § 117.310(c)(2) [relating to Emission Specifications for Attainment Demonstration]
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC § 117.325(a)

For boilers located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area:

<b>Code</b>	<b>Description</b>
410C	Title 30 TAC § 117.410(c)(2) [relating to Emission Specifications for Attainment Demonstration]
405D	Title 30 TAC § 117.405(d)(2) [use for wood fired units subject to Reasonably Available Control Technology (RACT) requirements]
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC § 117.425.

*Note: If using some other alternative, such as an alternate reasonably available control technology, alternate means of control, or emission reduction credit, the type of alternate used will need to be explained in a cover letter or some other attachment to the permit application.*

**NH<sub>3</sub> Monitoring:**

Select one of the following options to indicate how the unit is monitored for NH<sub>3</sub> emissions. Enter the code on the form.

<b>Code</b>	<b>Description</b>
CEMS	Continuous emissions monitoring system
PEMS	Predictive emissions monitoring system
MBAL	Mass balance
OXY	Oxidation of ammonia to nitric oxide (NO)
STUBE	Stain tube

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**Table 6a:** Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter C:  
Combustion Control at Major Utility Electric Generation Sources in Ozone Nonattainment Areas

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★ Complete Tables 6a and 6b only for utility boilers or auxiliary steam boilers that are:

- included in an SOP application;
- used in an electric power generating system owned or operated by an electric cooperative, municipality, river authority, public utility, or a Public Utility Commission (PUC) of Texas regulated utility or any of their successors; and
- located within the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour ozone nonattainment areas.

The Dallas/Fort Worth Eight-Hour ozone nonattainment area consists of Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, and Tarrant counties.

Sites located in Parker County have applicability under both 30 TAC Chapter 117, Subchapter C: Division 4 and under 30 TAC Chapter 117, Subchapter E: Division 1: Utility Electric Generation in East and Central Texas and should complete both Tables 6a - 6b and Tables 9a - 9c to determine requirements.

Independent power producers in Parker County are subject only to the requirements of 30 TAC Chapter 117, Subchapter E: Division 1: Utility Electric Generation in East and Central Texas and should complete only Tables 9a - 9c.

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Date Placed in Service:**

Select one of the following options for the date the unit was placed in service. Enter the code on the form.

Code	Description
92-	On or before November 15, 1992
92-93	After November 15, 1992, and on or before June 9, 1993
93-FCD	After June 9, 1993, and before the final compliance date in 30 TAC §§ 117.9100 or 117.9120
FCD+	On or after the final compliance date in 30 TAC §§ 117.9100 or 117.9120

★ Complete “Functionally Identical Replacement” only if “Date Placed in Service” is “92-93,” or “93-FCD,” or “FCD+” and located in Beaumont/Port Arthur ozone nonattainment area.

**Functionally Identical Replacement:**

Select one of the following codes to identify if the unit is a functionally identical replacement for a unit or group of units. Enter the code on the form.

Code	Description
YES	Unit is a functionally identical replacement
NO	Unit is not a functionally identical replacement

**Annual Heat Input:**

Select one of the following options for the annual heat input. Enter the code on the form.

Code	Description
22-	Annual heat input is less than or equal to 2.2 (10 <sup>11</sup> ) Btu/yr
22+	Annual heat input is greater than 2.2 (10 <sup>11</sup> ) Btu/yr

**Service Type:**

Select one of the following options for the type of service. Enter the code on the form.

Code	Description
UTIL	Utility boiler (other than peaking service)
AUX-D	Auxiliary boiler that is an affected facility under 40 CFR Part 60, Subpart D, Db, or Dc
AUX	Auxiliary boiler that is not an affected facility under 40 CFR Part 60, Subpart D, Db, or Dc

- ▼ Continue if “Annual Heat Input” is “22+,” and “Date Placed in Service” is “92-”; or “Date Placed in Service” is “93-FCD” and “Functionally Identical Replacement” is “YES.”

**Fuel Type:**

Select one of the following options for fuel type. Enter the code on the form.

Code	Description
NG	Natural gas (gaseous)
CL	Coal
FO	Fuel oil (liquid)
WST	Waste oil (liquid)

If a fuel-firing option consists of multiple fuel types being combusted simultaneously, enter the 30 TAC Chapter 117 fuel type code for each fuel in a separate column on the same line, with a single SOP index number. If there are more than three fuels being combusted simultaneously, use multiple lines, and start each line with a different SOP index number. Start each additional fuel-firing option on a different line with a different SOP index number. If multiple fuels that use the same code are simultaneously combusted, then enter the code once for each fuel (See Fuel-firing Option C: for an example of multiple types of fuel oil fired simultaneously).

*Example:*

Fuel-firing Option A

Fuel-firing Option B

Fuel-firing Option C

SOP Index No.	Fuel Type	Fuel Type	Fuel Type
R7UT-1	NG	CL	
R7UT-2A	NG	CL	FO
R7UT-3	NG	FO	FO

- ★ **Complete “RACT NO<sub>x</sub> Emission Limitation” only if the site is located in the Beaumont/Port Arthur ozone nonattainment area and “Service Type” is “AUX” or “AUX-D.”**

**RACT NO<sub>x</sub> Emission Limitation:**

Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable NO<sub>x</sub> limitation standards listed in 30 TAC § 117.1005. Select one of the following options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
X05	Title 30 TAC § 117.1005 [relating to Emission Specifications for Reasonably Available Control Technology]
ACSS	Title 30 TAC § 117.1025, [relating to Alternative Case Specific Specifications]

*Note: If using some other alternative, such as an alternate reasonably available control technology, alternate means of control, or emission reduction credit, the type of alternate used will need to be explained in a cover letter or some other attachment to the permit application.*

- ★ **Complete “ESAD NO<sub>x</sub> Emission Limitation” only if “RACT NO<sub>x</sub> Emission Limitation” was NOT completed.**

**ESAD NO<sub>x</sub> Emission Limitation:**

Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable NO<sub>x</sub> limitation standards listed in 30 TAC §§ 117.1010, 117.1210, or 117.1310. Select one of the following options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
X10	Title 30 TAC §§ 117.1010 or 117.1310 [relating to Emission Specifications for Attainment Demonstration]
SC	Title 30 TAC § 117.1020 [relating to System Cap]
1201-	Unit complying with any applicable permit limit in a permit issued before January 2, 2001, in lb/MMBtu heat input as specified in § 117.1220 [relating to System Cap] and 30 TAC Chapter 101, Subchapter H: Division 3
1201+	Unit complying with any applicable permit limit in a permit issued on or after January 2, 2001, that the owner or operator submitted an application determined to be administratively complete by the E.D. before January 2, 2001, in lb/MMBtu heat input as specified in § 117.1220 [relating to System Cap] and 30 TAC Chapter 101, Subchapter H: Division 3
12PBR	Unit complying with any applicable permit limit in a permit by rule under which construction commenced by January 2, 2001, that the owner or operator submitted an application determined to be administratively complete by the E.D. before January 2, 2001, in lb/MMBtu heat input as specified in § 117.1220 [relating to System Cap] and 30 TAC Chapter 101, Subchapter H: Division 3
1210	Title 30 TAC § 117.1210 [relating to Emission Specifications for Attainment Demonstration] (not complying with any above emission specifications)

- ★ **Complete “EGF” only if located in the Houston/Galveston/Brazoria ozone nonattainment area.**

**EGF:**

Enter “YES” if the unit meets the definition of an electric generating facility (EGF). Otherwise, enter “NO.”

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**Table 6b:**      **Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter C:  
Combustion Control at Major Utility Electric Generation Sources in Ozone Non-Attainment Areas**

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**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

- ★ **Complete “Fuel Firing Option” only if the site is located in the Houston/Galveston/Brazoria ozone nonattainment area and “ESAD NO<sub>x</sub> Emission Limitation” is “1210” and “Service Type” is “UTIL.”**

**Fuel Firing Option:**

Title 30 TAC Chapter 117 provides two methods to be in compliance with the applicable NO<sub>x</sub> limitation standards listed in 30 TAC § 117.1210(a)(1)(B). Select one of the following options. Enter the code on the form.

Code	Description
WALL	Wall-fired
TANG	Tangential fired

- ★ **Complete “ESAD NO<sub>x</sub> Emission Limitation for DFW 8-Hour” only if the site is located in the Dallas/Fort Worth Eight Hour ozone nonattainment area and “ESAD NO<sub>x</sub> Emission Limitation” is “X10” and “Service Type” is “UTIL.”**

**ESAD NO<sub>x</sub> Emission Limitation for DFW 8-Hour:**

Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable NO<sub>x</sub> limitation standards listed in 30 TAC § 117.1310. Select one of the following options. Enter the code on the form.

Code	Description
SMALL	Unit part of a small utility system as defined in § 117.10
ANNUAL	Unit calculating emissions on an annual average basis lb/MW-hr
LRG-SW	Unit part of a large utility system calculating emissions on a system-wide heat input weighted average basis
LRG	Unit part of a large utility system not calculating emissions on a system-wide heat input weighted average basis.

**NO<sub>x</sub> Monitoring System:**

Select one of the following monitoring system options. Enter the code on the form.

Code	Description
75-E	Monitoring operating parameters in accordance with 40 CFR Part 75, Appendix E
CEMS	Continuous emission monitoring system
PEMS	Predictive emission monitoring system in accordance with 30 TAC §§ 117.1040(f), 117.1240(g) or 117.1340(g)
1HR	Monitoring operating parameters using the maximum block 1-hour emission rate as measured by the 30-day test
NONE	Not using any of the above options

- ★ **Complete “Title 30 TAC Chapter 116 Permit Limit” only if in the Beaumont/Port Arthur ozone nonattainment area, “RACT NO Emission Limitation” is “X05” and the unit is an auxiliary steam boiler.**

**Title 30 TAC Chapter 116 Permit Limit:**

Select one of the following descriptions of the 30 TAC Chapter 116 permit limit. Enter the code on the form.

Code	Description
82Y	Emission limit in a 30 TAC Chapter 116 permit issued after March 3, 1982, is equal to 0.12-pound NO <sub>x</sub> per MMBtu heat input

For units having a 30 TAC Chapter 116 permit in effect on June 9, 1993:

Code	Description
93Y	NO <sub>x</sub> emission limit in 30 TAC § 117.1005 is greater than the NO <sub>x</sub> emission limit in a 30 TAC Chapter 116 permit
93N	NO <sub>x</sub> emission limit in 30 TAC § 117.1005 is not greater than the NO <sub>x</sub> emission limit in a 30 TAC Chapter 116 permit

For units placed into service after June 9, 1993, and prior to the final compliance date in 30 TAC § 117.9100, as functionally identical replacement for an existing unit or group of units and limited to the cumulative maximum rated capacity of the units replaced:

Code	Description
95Y	Emission limit in 30 TAC § 117.1005 is greater than the NO <sub>x</sub> emission limit in any 30 TAC Chapter 116 permit issued after June 9, 1993
95N	Emission limit in 30 TAC § 117.1005 is not greater than the NO <sub>x</sub> emission limit in any 30 TAC Chapter 116 permit issued after June 9, 1993

**CO Emission Limitation:**

Title 30 TAC Chapter 117 provides options to be in compliance with the applicable CO emission specifications of 30 TAC Chapter 117, Subchapter C. Select one of the following options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
1005	Title 30 TAC § 117.1005(h) [relating to Emission Specifications for Reasonably Available Control Technology] (use for boilers located in the Beaumont/Port Arthur ozone nonattainment area)
1010	Title 30 TAC § 117.1010(b)(1) [relating to Emission Specifications for Attainment Demonstration] (use for boilers located in the Beaumont/Port Arthur ozone nonattainment area)
1210	Title 30 TAC § 117.1210(b)(1) [relating to Emission Specifications for Attainment Demonstration] (use for boilers located in the Houston/Galveston/Brazoria ozone nonattainment area)
1310	Title 30 TAC § 117.1310(b)(1)(A) [relating to Emission Specifications for Eight-Hour Attainment Demonstration] (use for boilers located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area)
ACSS	Unit is complying with an Alternative Case Specific Specifications under 30 TAC §§ 117.1025, 117.1225 or 117.1325

**CO Monitoring System:**

Select one of the following monitoring system options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
CEMS	Continuous emission monitoring system
PEMS	Predictive emission monitoring system in accordance with 30 TAC §§ 117.1040(f), 117.1240(g) or 117.1340(g)
NONE	Not using CEMS or PEMS

**Ammonia Use:**

Enter “YES” if urea or ammonia injection is used to control NO<sub>x</sub> emissions. Otherwise, enter “NO.”

▼ Continue only if “Ammonia Use” is “YES.”



**NH<sub>3</sub> Emission Limitation:**

Title 30 TAC Chapter 117 provides two methods to be in compliance with the applicable NH<sub>3</sub> limitation standards listed in 30 TAC Chapter 117, Subchapter C. Select one of the following options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
1005	Title 30 TAC § 117.1005(j) [relating to Emission Specifications for Reasonably Available Control Technology] (use for boilers located in the Beaumont/Port Arthur ozone nonattainment area)
1010	Title 30 TAC § 117.1010(b)(2) [relating to Emission Specifications for Attainment Demonstration] (use for boilers located in the Beaumont/Port Arthur ozone nonattainment area)
1210	Title 30 TAC § 117.1210(b)(2) [relating to Emission Specifications for Attainment Demonstration] (use for boilers located in the Houston/Galveston/Brazoria ozone nonattainment area)
1310	Title 30 TAC § 117.1310(b)(2) [relating to Emission Specifications for Eight-Hour Attainment Demonstration] (use for boilers located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area)
ACSS	Unit is complying with an Alternative Case Specific Specification under 30 TAC §§ 117.1025, 117.1225 or 117.1325

**NH<sub>3</sub> Monitoring System:**

Select one of the following monitoring system options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
CEMS	Continuous emission monitoring system
PEMS	Predictive emission monitoring system in accordance with 30 TAC §§ 117.1040(f), 117.1240(g) or 117.1340(g)
NONE	Not using CEMS or PEMS

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**Table 7: Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 112), Subchapters A–D: Control of Air Pollution from Sulfur Compounds**

★ **Complete only for units combusting liquid fuel or solid fossil fuel. Complete only for SOP applications.**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at

[www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Fuel Type:**

Select one of the following options for the fuel type as it pertains to 30 TAC Chapter 112. Enter the code on the form.

For units located in Harris or Jefferson County:

<b>Code</b>	<b>Description</b>
SLD-HJ	Solid fossil fuel
LQD+3	Liquid fuel with a sulfur content greater than 0.3% by weight
LQD-3	Liquid fuel with a sulfur content less than or equal to 0.3% by weight

For units located in other counties:

<b>Code</b>	<b>Description</b>
SLD	Solid fossil fuel
LQD	Liquid fuel

- ★ **Complete “Date of Operation” only for units located in Milam County and with “Fuel Type” designation of “SLD.”**

**Date of Operation:**

Select one of the following options for the date of operation. Enter the code on the form.

<b>Code</b>	<b>Description</b>
55-	Began operation before January 1, 1955
55+	Began operation on or after January 1, 1955

**Heat Input:**

Select one of the following options for the design heat input. Enter the code on the form.

For units with “Fuel Type” designation of “SLD” or “SLD-HJ:”

<b>Code</b>	<b>Description</b>
250S-	Design heat input is less than or equal to 250 MMBtu/hr
25-15H	Design heat input is greater than 250 MMBtu/hr but less than or equal to 1500 MMBtu/hr
15H+	Design heat input is greater than 1500 MMBtu/hr

For units with “Fuel Type” designation of “LQD,” “LQD+3,” or “LQD-3:”

<b>Code</b>	<b>Description</b>
250L-	Design heat input is less than or equal to 250 MMBtu/hr
250+	Design heat input is greater than 250 MMBtu/hr

- ★ **Complete “Control Equipment” only if “Heat Input” is “25-15H,” “15H+,” or “250+.”**

**Control Equipment:**

Select one of the following options for SO<sub>2</sub> control equipment. Enter the code on the form.

Code	Description
SO <sub>2</sub>	Unit equipped with SO <sub>2</sub> control equipment
NONE	Unit not equipped with SO <sub>2</sub> control equipment

★ Complete “FCAA § 412(c)” only if “Control Equipment” is “SO<sub>2</sub>.”

**FCAA § 412(c):**

Enter “YES” if the unit is subject to the Federal Clean Air Act § 412(c) [FCAA § 412(c)] as amended in 1990. Otherwise, enter “NO.”

★ Complete “Stack Height” only if “Fuel Type” is “LQD,” “LQD+3,” or “LQD-3.”

**Stack Height:**

Enter “YES” if the effective stack height is less than the standard effective stack height for each stack to which the unit routes emissions. Otherwise, enter “NO.”

**Table 8a: Title 30 Texas Administrative Code Chapter 113 (30 TAC Chapter 113), Subchapter D:  
Hospital/Medical/Infectious Waste Incinerators**

★ Complete this table only for an existing hospital/medical/infectious waste incinerator (HMIWI) as defined in 30 TAC § 113.2070.

**Unit ID No.:**

Enter the identification number (ID No.) for the boiler (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information, relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at

[www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Construction Date:**

Select one of the following options that describe the date of commencement of the most recent construction. Enter the code on the form.

Code	Description
-96	On or before June 20, 1996
+96	After June 20, 1996

▼ Continue only if “Construction Date” is “-96.”

**Combustor Type:**

Enter "YES" if the HMIWI unit meets one of the combustor types specified in Table 1 of 30 TAC § 113.2070. Otherwise, enter "NO."

★ **Complete "Type of Waste" and "Co-Fired Combustor" only if "Combustor Type" is "YES."**

**Type of Waste:**

Enter "YES" if the boiler is burning only pathological waste, low-level radioactive waste, and/or chemotherapeutic waste. Otherwise, enter "NO."

**CO-Fired Combustor:**

Enter "YES" if the boiler is a co-fired combustor as defined in 30 TAC § 113.2070. Otherwise, enter "NO."

▼ **Continue only if "Combustor Type" is "NO."**

**HMIWI Size:**

Enter "YES" if the incinerator is a small remote HMIWI as defined in 30 TAC § 113.2070. Otherwise, enter "NO."

▼ **Continue only if "HMIWI SIZE" is "YES."**

**Control Device:**

Enter "YES" if the boiler is equipped with a dry scrubber followed by a fabric filter, a wet scrubber, or a dry scrubber followed by both a fabric filter and a wet scrubber. Otherwise, enter "NO."

**PM CEMS:**

Enter "YES" if the incinerator uses a continuous emissions monitoring system (CEMS) to demonstrate compliance with the PM emission limit. Otherwise, enter "NO."

**Opacity Monitoring:**

Select one of the following options that describe the method used to demonstrate compliance with the opacity emission limit. Enter the code on the form.

<b>Code</b>	<b>Description</b>
COMS	Continuous opacity monitoring system
EQUIV	Equivalent opacity monitor approved by the EPA Administrator
NONE	No opacity monitoring system

**Approved Equivalent ID No.:**

If an equivalent opacity monitor has been approved, then enter the corresponding equivalent opacity monitor unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the equivalent opacity monitor approval letter. The unique identifier and/or the date of the approval letter is contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

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**Table 8b:**      **Title 30 Texas Administrative Code Chapter 113 (30 TAC Chapter 113), Subchapter D:**  
**Hospital/Medical/Infectious Waste Incinerators**

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**Unit ID No.:**

Enter the identification number (ID No.) for the incinerator (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Commercial Unit:**

Enter “YES” if the unit has a commercial medical waste incinerator, or if it burns more than 200 lbs/hr of hospital waste or medical/infectious waste. Otherwise, enter “NO.”

**CO Monitoring:**

Select one of the following options that describe the method used to demonstrate compliance with the CO emission limit. Enter the code on the form.

<b>Code</b>	<b>Description</b>
CEMS	Continuous emission monitoring system (CEMS)
EQUIV	Equivalent CO monitor approved by the EPA Administrator
NONE	No CO monitoring system

**Approved Equivalent ID No.:**

If an equivalent CO monitor has been approved, then enter the corresponding equivalent CO monitor unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the equivalent CO monitor approval letter. The unique identifier and/or the date of the approval letter is contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

**Dioxins/Furans CEMS:**

Enter “YES” if the incinerator uses a continuous emissions monitoring system (CEMS) to demonstrate compliance with the dioxins/furans emission limit. Otherwise, enter “NO.”

**Toxic Equivalent Method:**

Enter “YES” if the toxic equivalent quantity method as described in 30 TAC § 113.2075(a)(1)(F) is used to determine compliance with the dioxins/furans emission limit. Otherwise, enter “NO.”

**HCL CEMS:**

Enter “YES” if the incinerator uses a continuous emissions monitoring system (CEMS) to demonstrate compliance with the HCL emission limit. Otherwise, enter “NO.”

**HCL Percentage Reduction Method:**

Enter “YES” if the percentage reduction method as described in 30 TAC § 113.2075(a)(1)(G) is used to determine compliance with the HCL emission limit. Otherwise, enter “NO.”

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**Table 8c: Title 30 Texas Administrative Code Chapter 113 (30 TAC Chapter 113), Subchapter D: Hospital/Medical/Infectious Waste Incinerators**

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**Unit ID No.:**

Enter the identification number (ID No.) for the incinerator (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Pb CEMS:**

Enter “YES” if the incinerator uses a continuous emissions monitoring system (CEMS) to demonstrate compliance with the Pb emission limit. Otherwise, enter “NO.”

**Pb Percentage Reduction Method:**

Enter “YES” if the percentage reduction method as described in 30 TAC § 113.2075(a)(1)(G) is used to determine compliance with the Pb emission limit. Otherwise, enter “NO.”

**Cd CEMS:**

Enter “YES” if the incinerator uses a continuous emissions monitoring system (CEMS) to demonstrate compliance with the Cd emission limit. Otherwise, enter “NO.”

**Cd Percentage Reduction Method:**

Enter “YES” if the percentage reduction method as described in 30 TAC § 113.2075(a)(1)(G) is used to determine compliance with the Cd emission limit. Otherwise, enter “NO.”

**Hg CEMS:**

Enter “YES” if the incinerator uses a continuous emissions monitoring system (CEMS) to demonstrate compliance with the Hg emission limit. Otherwise, enter “NO.”

**Hg Percentage Reduction Method:**

Enter “YES” if the percentage reduction method as described in 30 TAC § 113.2075(a)(1)(G) is used to determine compliance with the Hg emission limit. Otherwise, enter “NO.”

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**Table 9a:** Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter E: Division 1: Utility Electric Generation in East and Central Texas

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- ★ Complete tables 9a through 9c only for utility electric power boilers and steam generating units generating electric energy for compensation used in an electric power generating system owned or operated by an electric cooperative, independent power producer, municipality, river authority, or public utility, or any of its successors.
- ★ Complete tables 9a through 9c only for facilities located in Atascosa, Bastrop, Bexar, Brazos, Calhoun, Cherokee, Fannin, Fayette, Freestone, Goliad, Gregg, Grimes, Harrison, Henderson, Hood, Hunt, Lamar, Limestone, Marion, McLennan, Milam, Morris, Nueces, Parker, Palo Pinto, Red River, Robertson, Rusk, Titus, Travis, Victoria, or Wharton County.

*Sites owned or operated by an electric cooperative, municipality, river authority, or public utility located in Parker County have applicability under both 30 TAC Chapter 117, Subchapter C: Division 4: Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area Utility Electric Generation Sources and under 30 TAC Chapter 117, Subchapter E, Division 1: Utility Electric Generation in East and Central Texas and should complete both Tables 9a - 9c and Tables 6a - 6b to determine requirements.*

*Independent power producers in Parker County are subject only to the requirements of 30 TAC Chapter 117, Subchapter E: Division 1: Utility Electric Generation in East and Central Texas and should complete only Tables 9a - 9c.*

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Date Placed in Service:**

Select one of the following options for the date the unit was placed in service. Enter the code on the form.

Code	Description
95-	Before December 31, 1995
95+	On or after December 31, 1995

- ▼ Continue only if “Date Placed in Service” is “95-.”

**Unit Exempt:**

Select one of the following options that describes the unit. Enter the code on the form.

Code	Description
INTUSE	The unit generates electric energy primarily for internal use but averaged over the three most recent calendar years, has sold less than one third of its potential electrical output capacity to a utility power distribution system
HEATIN	The unit has an annual heat input of 2.2 (10 <sup>11</sup> ) Btu/yr or less, averaged over the three most recent calendar years
NONE	The unit does not qualify for any exemptions under the rule

▼ Continue only if “Unit Exempt” is “NONE.”

**Location:**

Enter “YES” if the unit is a gas-fired steam generator located in Palo Pinto County as specified in 30 TAC § 117.3005(a). Otherwise, enter “NO.”

★ Complete Table 9b if “Location” is “NO.” Do not complete the rest of Table 9a.

**Capacity:**

Select one of the following options that describe the capacity of the gas-fired steam generating unit. Enter the code on the form.

Code	Description
6-	The unit has the capacity to generate less than 600,000 lb/hr of steam continuously
6-11	The unit has the capacity to generate more than 600,000 lb/hr but less than 1,100,000 lb/hr of steam continuously
11+	The unit has the capacity to generate more than 1,100,000 lb/hr of steam continuously

▼ Do not continue if “Capacity” is “6-.”

★ Complete “30% of the Max” only if “Capacity” is “6-11.”

**30% of the Maximum:**

Enter “YES” if the total steam generated from the unit is less than or equal to 30% of the maximum continuous steam capacity times the number of hours in a year. Otherwise, enter “NO.”

★ Do not complete “Firing Method” if “30% of Max.” is “YES.”

**Firing Method:**

Select the option that describes the firing method for the unit. Enter the code on the form.

Code	Description
OFG	The unit is an opposed-fire steam generating unit
FFG	The unit is a front-fired steam generating unit
TFG	The unit is a tangential-fired steam generating unit



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**Table 9b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter E: Division 1: Utility Electric Generation in East and Central Texas**


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**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

▼ Do not continue if “Location” is “YES.”

**NO<sub>x</sub> Emission Limitation:**

Title 30 TAC Chapter 117 provides two methods to be in compliance with the applicable NO<sub>x</sub> limitation standards listed in 30 TAC § 117.3010(1). Select one of the following options. Enter the code on the form.

Code	Description
3010	Title 30 TAC § 117.3010(1) [relating to Emission Specifications]
SC	Unit is complying with the System Cap under 30 TAC § 117.3020

★ Complete “Fuel” only if “NO<sub>x</sub> Emission Limitation” is “3010.”

**Fuel:**

Select one of the following options that describes the fuel fired in the unit. Enter the code on the form.

Code	Description
COAL	The unit is a coal fired electric power boiler
GAS	The unit is a gas fired electric power boiler

**NO<sub>x</sub> Monitoring:**

Select one of the following options that describes the NO<sub>x</sub> monitoring used. Enter the code on the form.

Code	Description
CEMS	A continuous emissions monitoring system is used to monitor NO <sub>x</sub> emissions
PEMS	A parametric emissions monitoring system is used to monitor NO <sub>x</sub> emissions

**Maximum Emission Rate:**

Enter “YES” if the owner or operator is using the maximum emission rate measured by the testing conducted in § 117.3035(d) to provide substitute emissions compliance when the NO<sub>x</sub> monitor is off-line. Otherwise, enter “NO.”

**Ammonia Use:**

Enter “YES” if urea or ammonia injection is used to control NO<sub>x</sub> emissions. Otherwise, enter “NO.”

▼ Continue only if “Ammonia Use” is “YES.”

**NH<sub>3</sub> Emission Limitation:**

Title 30 TAC Chapter 117 provides two methods to be in compliance with the applicable NH<sub>3</sub> limitation standards listed in 30 TAC Chapter 117, Subchapter E. Select one of the following options. Enter the code on the form.

Code	Description
3010	Title 30 TAC § 117.3010(2) [relating to Emission Specifications]
ACSS	Unit is complying with an Alternative Case Specific Specification under 30 TAC § 117.3025

**Ammonia Monitoring:**

Select one of the following options that describes the ammonia monitoring used. Enter the code on the form.

Code	Description
CEMS	A continuous emissions monitoring system is used to monitor ammonia emissions
PEMS	A parametric emissions monitoring system is used to monitor ammonia emissions
OTHER	A monitoring system other than a CEMS or PEMS is used to monitor ammonia emissions

**Table 10a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart EEE: Hazardous Waste Combustors**

- ★ **Complete this table for solid or liquid fueled boilers that burn hazardous waste, and are located at an area source or a major source, and do not meet the criteria in Table 1 of § 63.1200(b)**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Type Fuel:**

Select one of the following options. Enter the code on the form.

Code	Description
SOLID	Boiler burns solid fuel
LIQUID	Boiler burns liquid fuel

**Existing Source:**

Enter “YES” if the boiler is an existing source (construction or reconstruction commenced on or before April 20, 2004). Otherwise, enter “NO.”

**Area Source:**

Enter “YES” if the boiler is an area source as defined under §63.2. Otherwise, enter “NO.”

- ★ **Complete “Elective Standards” only if “Area Source” is “YES.”**

**Elective Standards:**

Enter “YES” if the area source is electing to comply with § 63.1216 or § 63.1217 per § 266.100(b)(3). Otherwise, enter “NO.”

**Dioxin/Furan Standard:**

Select one of the following options. Enter the code on the form.

For solid fuel boilers:

<b>Code</b>	<b>Description</b>
CO-1S	Complying with the CO standard in § 63.1216(a)(1) or (b)(1)
THC-1S	Complying with the THC standard in § 63.1216(a)(1) or (b)(1)

For liquid fuel boilers:

<b>Code</b>	<b>Description</b>
DF-1L	Complying with the dioxin/furan standard in § 63.1217(a)(1)(i) or (b)(1)(i) [Note: for boilers equipped with a dry air pollution control system]
CO-1L	Complying with the CO standard in § 63.1217(a)(1)(ii) or (b)(1) (ii)
THC-1L	Complying with the THC standard in § 63.1217(a)(1) (ii) or (b)(1) (ii)

★ **Complete “Heating Value” only if “Type Fuel” is “LIQUID.”**

**Heating Value:**

Enter “YES” if the hazardous waste as-fired heating value is less than 10,000 Btu/lb. Otherwise, enter “NO.”

**Hg Feedrate:**

Enter “YES” if extrapolation of feedrate levels is used for Hg. Otherwise, enter “NO.”

**Table 10b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart EEE: Hazardous Waste Combustors**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**ALT Metals:**

Enter “YES” if in lieu of complying with the particulate matter standards, you elect to comply with the alternative metal emission control requirement. Otherwise, enter “NO.”

**MET Feedrate:**

Enter “YES” if extrapolation of feedrate levels is used for semivolatile and low volatile metals. Otherwise, enter “NO.”

**CO/THC Standard:**

Select one of the following options. Enter the code on the form.

Code	Description
CO-5	Complying with the CO standard in § 63.1216(a)(5)(i) or (b)(5)(i); or § 63.1217(a)(5)(i) or (b)(5)(i)
THC-5	Complying with the THC standard in § 63.1216(a)(5)(ii) or (b)(5)(ii); or § 63.1217(a)(5)(ii) or (b)(5)(ii)

**Baghouse:**

Enter “YES” if the furnace is equipped with a baghouse. Otherwise, enter “NO.”

★ **Complete “PM Detection” only if “Baghouse” is “YES.”**

**PM Detection:**

Enter “YES” if a PM detection system is used. Otherwise, enter “NO.”

**Dioxin-Listed:**

Enter “YES” if the furnace burns the dioxin-listed hazardous wastes F020, F021, F022, F023, F026, or F027. Otherwise, enter “NO.”

**DRE Previous Test:**

Enter “YES” if previous testing was used to document conformance with the DRE standard. Otherwise, enter “NO.”

★ **Complete “Feed Zone” only if “DRE Previous Test” is “YES.”**

**Feed Zone:**

Enter “YES” if the source feeds waste at a location other than the normal flame zone. Otherwise, enter “NO.”

**Table 11: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111), Subchapter A: Division 2: Incineration**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Hazardous Waste:**

Enter “YES” if the unit combusts hazardous waste as a fuel for energy recovery and the facility accepts hazardous waste as a fuel from off-site sources which involves a commercial transaction or a change of ownership of the waste and the facility is not regulated at 40 CFR Part 264 or 265, Subpart O. Otherwise, enter “NO.”

▼ **Continue only if “Hazardous Waste” is “YES.”**

**Monitor:**

Enter “YES” if the unit has a continuous opacity or carbon monoxide monitor (or equivalent). Otherwise, enter “NO.”

**Table 12:** Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111), Subchapter A:Division 5: Emission Limits on Nonagricultural Processes

- ★ Complete this table only for solid fossil fuel-fired steam generators or oil or gas fuel-fired steam generators with a heat input greater than 2,500 million Btu per hour that have to address periodic monitoring (PM) or compliance assurance monitoring (CAM) requirements for 30 TAC Chapter 111, Nonagricultural Processes. Sources that do not have to address PM or CAM for this regulation are covered on form OP-REQ1.

*Steam generators that meet the applicability of CAM:*

- Have a pre-control potential to emit that equals or exceeds the major source threshold for particulate matter; and
- Use a control device to meet the particulate matter emission limit specified in 30 TAC §111.153(b) or (c).

*Steam generators that are not subject to CAM may require periodic monitoring for assuring compliance with the particulate matter emission limit in 30 TAC §111.153(b) or (c). Periodic monitoring is required for all steam generators where the actual emissions of particulate matter exceed 50 tons per year.*

*CAM and periodic monitoring requirements must be submitted separately on form OP-MON.*

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Source Type:**

Select one of the following options. Enter the code on the form.

Code	Description
SOLID	Solid fossil fuel-fired steam generator
OIL/GAS	Oil or gas fuel-fired steam generator with a heat input greater than 2,500 million Btu per hour

**Table 13a:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units

- ★ Complete this table for a coal fired EGU or an oil-fired EGU defined in §63.10042

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**§63.9983(a):**

Enter “YES” if the unit is designated a stationary combustion turbine, other than an IGCC unit, covered by 40 CFR Part 63, Subpart YYYYY, per §63.9983(a). Otherwise, enter “NO.”

**§63.9983(b):**

Enter “YES” if the unit is not coal- or oil-fired and combusts natural gas in accordance with §63.9983(b). Otherwise, enter “NO.”

**§63.9983(c):**

Enter “YES” if the unit can combust more than 25 MW of coal or oil but does so in accordance with §63.9983(c). Otherwise, enter “NO.”

**§63.9983(d):**

Enter “YES” if the unit combusts hazardous waste per §63.9983(d). Otherwise, enter “NO.”

▼ Continue only if “§63.9983(a), (b), (c) and (d)” are all “NO.”

**Limited-use Liquid:**

Enter “YES” if the unit qualifies as a limited-use liquid oil-fired unit as defined in §63.10042. Otherwise, enter “NO.”

**Construction Status:**

Select one of the following options that describes the construction status. Enter the code on the form.

Code	Description
NEW	The EGU is new (i.e. construction commenced after May 3, 2011 and meets the applicability criteria at the time construction commenced)
RECON	The EGU is reconstructed (i.e. reconstruction criteria as defined in §63.2 is met, construction commenced after May 3, 2011, and meets the applicability criteria at the time construction commenced)
EXIST	The EGU is not new or reconstructed

▼ Continue only if “Limited-use Liquid” is “NO.”

**Table 13b:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Start-Up:**

Enter “YES” if start-up date of affected source was before April 16, 2012. Otherwise, enter “NO.”

**Unit Fuel:**

Select one of the following options that describes the fuel type used. Enter the code on the form.

Code	Description
8300BTU	The EGU is designed for coal with a heating value greater than or equal to 8,300 Btu/lb (i.e. not low rank virgin coal)
LORANK	The EGU is designed for low rank virgin coal
IGCC	The unit is an IGCC combusting either gasified coal or gasified solid oil-derived fuel
LIQ-OIL	The unit is a continental liquid oil-fired EGU
SO-OIL	The EGU designed to burn solid oil-derived fuel

**Pollutant-a:**

Select one of the following options that describes the pollutant chosen to represent HAP metals. Enter the code on the form.

Code	Description
PM	Filterable PM is a surrogate for total HAP or total non-Hg HAP metals
TOTHAP	Total HAP or total non-Hg HAP metals are used as the standard
INDHAP	Individual HAP or individual non-Hg HAP metals are used as alternative equivalent standard

- ★ **Complete “Syngas” only if “Construction Status” is “NEW” or “RECON,” “Unit Fuel” is “IGCC;” and “Pollutant-a” is “PM.”**

**Syngas:**

Enter “YES” if the IGCC plant duct burner is syngas-fired. Otherwise, enter “NO.”

- ★ **Complete “PM-Input” only if “Construction Status” is “EXIST” and “Pollutant-a” is “PM.”**

**PM-Input:**

Enter “YES” if a heat input-based limit is used for PM. Otherwise, enter “NO.”

- ★ **Complete “TOTHAP-Input” only if “Construction Status” is “EXIST” and “Pollutant-a” is “TOTHAP.”**

**TOTHAP-Input:**

Enter “YES” if a heat input-based limit is used for total HAP. Otherwise, enter “NO.”

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**Table 13c:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

★ Complete the heat input-based series below only if “Construction Status” is “EXIST” and “Pollutant-a” is “INDHAP.”

**Sb-Input:**

Enter “YES” if a heat input-based limit is used for antimony. Otherwise, enter “NO.”

**As-Input:**

Enter “YES” if a heat input-based limit is used for arsenic. Otherwise, enter “NO.”

**Be-Input:**

Enter “YES” if a heat input-based limit is used for beryllium. Otherwise, enter “NO.”

**Cd-Input:**

Enter “YES” if a heat input-based limit is used for cadmium. Otherwise, enter “NO.”

**Cr-Input:**

Enter “YES” if a heat input-based limit is used for chromium. Otherwise, enter “NO.”

**Co-Input:**

Enter “YES” if a heat input-based limit is used for cobalt. Otherwise, enter “NO.”

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**Table 13d:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Pb-Input:**

Enter “YES” if a heat input-based limit is used for lead. Otherwise, enter “NO.”

**Mn-Input:**

Enter “YES” if a heat input-based limit is used for manganese. Otherwise, enter “NO.”

**Ni-Input:**

Enter “YES” if a heat input-based limit is used for nickel. Otherwise, enter “NO.”

TCEQ-10026 (APD-ID 40v3.0, revised 09/24) OP-UA6 Instr.

This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V Release 09/24)



**Se-Input:**

Enter “YES” if a heat input-based limit is used for selenium. Otherwise, enter “NO.”

**Hg-Input-a:**

Enter “YES” if a heat input-based limit is used for mercury. Otherwise, enter “NO.” (Applicable only if “Unit Fuel” is “LIQ-OIL.”)

- ★ Complete “Pollutant-b” only if “Construction Status” is “NEW” or “RECON” and “Unit Fuel” is “8300BTU,” “LORANK,” “IGCC” or “SO-OIL;” or if “Construction Status” is “EXIST” and “Unit Fuel” is “8300BTU,” “LORANK” or “SO-OIL.”

**Pollutant-b:**

Select one of the following options that describes the pollutant chosen to represent acid gas. Enter the code on the form.

Code	Description
HCL	Hydrogen chloride is a surrogate for acid gas HAP.
SO <sub>2</sub>	Sulfur dioxide is a surrogate for acid gas HAP.

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**Table 13e:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at

[www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

- ★ Complete “HCl-Input” only if “Construction Status” is “EXIST” and “Unit Fuel” is “IGCC” or “LIQ-OIL;” or if “Construction Status” is “EXIST” and “Pollutant-b” is “HCL.”

**HCl-Input:**

Enter “YES” if a heat input-based limit is used for hydrogen chloride. Otherwise, enter “NO.”

- ★ Complete “SO<sub>2</sub>-Input” only if “Construction Status” is “EXIST” and “Pollutant-b” is “SO<sub>2</sub>.”

**SO<sub>2</sub>-Input:**

Enter “YES” if a heat input-based limit is used for sulfur dioxide. Otherwise, enter “NO.”

- ★ Complete “Hg-Input-c” only if “Construction Status” is “EXIST” and “Unit Fuel” is other than “LIQ-OIL;” or if “Construction Status” is “EXIST” and “Unit Fuel” is “LIQ-OIL” and “Pollutant-a” is “INDHAP.”

**Hg-Input-c:**

Enter “YES” if a heat input-based limit is used for mercury. Otherwise, enter “NO.”

- ★ Complete “Hg LEE Test” only if “Construction Status” is “EXIST” and “Unit Fuel” is “8300BTU.”

**Hg LEE Test:**

Select one of the following options that describes the Hg LEE Testing period. Enter the code on the form.

Code	Description
30	LEE Testing is conducted for 30 days
90	LEE Testing is conducted for 90 days

★ Complete “HF-Input” only if “Construction Status” is “EXIST” and “Unit Fuel” is “LIQ-OIL.”

**HF-Input:**

Enter “YES” if a heat input-based limit is used for hydrogen fluoride. Otherwise, enter “NO.”

★ Complete “Scrubber/Bypass” only if “Unit Fuel” is “8300BTU,” “LORANK,” “IGCC” or “SO-OIL.”

**Scrubber/Bypass:**

Enter “YES” if the EGU is equipped with an acid gas scrubber and has a main stack and bypass stack exhaust configuration. Otherwise, enter “NO.”

★ Complete “PM-LEE” only for the following:

- “Unit Fuel” is “8300BTU,” “LORANK,” “IGCC” or “SO-OIL;” “Pollutant-a” is “PM” and “Scrubber/Bypass” is “NO;” or
- “Unit Fuel” is “LIQ-OIL” and “Pollutant-a” is “PM.”

**PM-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for filterable PM. Otherwise, enter “NO.”

**Table 13f:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

★ Complete “TOTHAP-LEE” only for the following:

- “Unit Fuel” is “8300BTU,” “LORANK,” “IGCC” or “SO-OIL;” “Pollutant-a” is “TOTHAP” and “Scrubber/Bypass” is “NO;” or
- “Unit Fuel” is “CONT-OIL” and “Pollutant-a” is “TOTHAP.”

**TOTHAP-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for total non-Hg HAP metals or total HAP metals. Otherwise, enter “NO.”

★ Complete LEE series below only for the following:

- Fuel” is “CONT-OIL” and “Pollutant-a” is “INDHAP.”

**Sb-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for antimony. Otherwise, enter “NO.”

**As-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for arsenic. Otherwise, enter “NO.”

**Be-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for beryllium. Otherwise, enter “NO.”

**Cd-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for cadmium. Otherwise, enter “NO.”

**Cr-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for chromium. Otherwise, enter “NO.”

**Table 13g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Co-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for cobalt. Otherwise, enter “NO.”

**Pb- LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for lead. Otherwise, enter “NO.”

**Mn-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for manganese. Otherwise, enter “NO.”

**Ni-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for nickel. Otherwise, enter “NO.”

**Se-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for selenium. Otherwise, enter “NO.”

**Hg-LEE-a:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for mercury. Otherwise, enter “NO.” (Applicable only if “Construction Status” is “EXIST” and “Unit Fuel” is “LIQ-OIL.”)

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**Table 13h:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units

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**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

★ **Complete “HCl-LEE” only for the following:**

- “Unit Fuel” is “8300BTU,” “LORANK,” “IGCC” or “SO-OIL;” “Pollutant-b” is “HCL” and “Scrubber/Bypass” is “NO;” or
- “Unit Fuel” is “LIQ-OIL” and “Pollutant-b” is “HCL.”

**HCl-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for hydrogen chloride. Otherwise, enter “NO.”

★ **Complete “SO<sub>2</sub>-LEE” only for the following:**

- “Unit Fuel” is “8300BTU,” “LORANK,” “IGCC” or “SO-OIL;” “Pollutant-b” is “SO<sub>2</sub>” and “Scrubber/Bypass” is “NO;” or
- “Unit Fuel” is “LIQ-OIL” and “Pollutant-b” is “SO<sub>2</sub>.”

**SO<sub>2</sub>-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for hydrogen chloride. Otherwise, enter “NO.”

★ **Complete “Hg-LEE-c” only if “Unit Fuel” is “8300BTU,” “LORANK,” “IGCC” or “SO-OIL;” “Construction Status” is “EXIST;” and “Scrubber/Bypass” is “NO.”****Hg-LEE-c:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for mercury. Otherwise, enter “NO.”

★ **Complete “HF-LEE” only if “Unit Fuel” is “LIQ-OIL” and “Construction Status” is “EXIST.”****HF-LEE:**

Enter “YES” if the unit is qualifying as a low emitting EGU (LEE) for hydrogen fluoride. Otherwise, enter “NO.”

▼ **Continue only if:**

- “Construction Status” is “NEW” or “RECON;” or
- “Construction Status” is “EXIST” and at least one of the “-LEE” attributes is “NO” (i.e. one or more of the following: PM-LEE, TOTHAP-LEE, Sb-LEE, As-LEE, Be-LEE, Cd-LEE, Cr-LEE, Co-LEE, Pb-LEE, Mn-LEE, Ni-LEE, Se-LEE, Hg-LEE-a, HCl-LEE, SO<sub>2</sub>-LEE, Hg-LEE-c and/or HF-LEE).

**Startup:**

Enter “YES” if relying on paragraph (2) definition of “startup” in §63.10042. Otherwise enter “NO.”

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**Table 13i: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units**


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**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Compliance Demo:**

Select one of the following options that describes how compliance is demonstrated. Enter the code on the form.

Code	Description
CPMS	A CPMS is used to demonstrate compliance
CEMS	A CEMS (or sorbent trap) is used to demonstrate compliance
NONE	None of the above

★ **Do Not Complete “Stack Config” if “Compliance Demo” is “NONE.”**

**Stack Config:**

Select one of the following options that describes the exhaust stack configuration. Enter the code on the form.

Code	Description
CONFIG-1	Single unit-single stack configuration
CONFIG-2	Unit utilizing common stack with other affected unit(s)
CONFIG-3	Unit(s) utilizing common stack with non-affected unit(s)
CONFIG-4	Unit with a main stack and a bypass stack
CONFIG-5	Unit with a common control device with multiple stack or duct configuration
CONFIG-6	Unit with multiple parallel control devices with multiple stacks

**O<sub>2</sub>-CO<sub>2</sub> CEMS:**

Enter “YES” if an oxygen or carbon dioxide CEMS is used to convert measured pollutant concentrations. Otherwise, enter “NO.”

**Flow Monitor:**

Enter “YES” if a stack gas flow rate monitor is used for routine operation of a sorbent trap monitoring system or to convert measured pollutant concentrations. Otherwise, enter “NO.”

**Gas Moisture:**

Enter “YES” if you are required to make corrections for stack gas moisture when converting pollutants. Otherwise, enter “NO.”

**Direct HAP:**

Enter “YES” if you use a CEMS or sorbent trap to measure a HAP directly. Otherwise, enter “NO.”

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**Table 14a:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDDD: Industrial, Commercial, and Institutional Boilers

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**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Commence:**

Select one of the following construction date options for the source. Enter the code on the form.

Code	Description
NEW	Source is new (commenced construction after June 4, 2010)
RECON	Source is reconstructed (commenced reconstruction after June 4, 2010)
EXIST	Source is existing (commenced construction or reconstruction on or before June 4, 2010)

**Table Applicability:**

Select one of the following options that describes the applicability of emission limitations in §63.7500(a)(1)-Tables 1 or 2. Enter the code on the form.

<b>Code</b>	<b>Description</b>
SFF10	The unit burns coal/solid fossil fuel AND has heat input equal to or greater than 10 MMBtu/hr (subject to emission limits in Table 1 or 2)
BM10	The unit burns biomass/bio-based solid fuel AND has heat input equal to or greater than 10 MMBtu/hr (subject to emission limits in Table 1 or 2)
HLIQ10	The unit burns heavy liquid fuel AND has heat input equal to or greater than 10 MMBtu/hr (subject to emission limits in Table 1 or 2)
LLIQ10	The unit burns light liquid fuel AND has heat input equal to or greater than 10 MMBtu/hr (subject to emission limits in Table 1 or 2)
GAS210	The unit burns Gas 2 fuel AND has heat input equal to or greater than 10 MMBtu/hr (subject to emission limits in Table 1 or 2)
T3.1LTD	The unit qualifies as a limited use boiler or process heater as defined in §63.7575 (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.1)
T3.1TS	The unit is designed to utilize a continuous oxygen trim system (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.1)
T3.1G1	The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or less than 5 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.1)
T3.1G2	The unit is designed to burn Gas 2 fuel AND has heat input equal to or less than 5 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.1)
T3.1LL	The unit is designed to burn light liquid fuel AND has heat input equal to or less than 5 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.1)
T3.2G1	The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input less than 10 MMBtu/hr but greater than 5 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.2)
T3.2G2	The unit is designed to burn Gas 2 fuel AND has heat input less than 10 MMBtu/hr but greater than 5 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.2)
T3.2LL	The unit is designed to burn light liquid fuel AND has heat input less than 10 MMBtu/hr but greater than 5 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.2)
T3.2HL	The unit is designed to burn heavy liquid fuel AND has heat input less than 10 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.2)
T3.2S	The unit is designed to burn solid fuel AND has heat input less 10 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.2)
T3.3G1	The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or greater than 10 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.3)

▼ Continue only if “Table Applicability” is “SFF10”, “BM10”, “HLIQ10”, “LLIQ10”, or “GAS210.”

#### HCl Emission:

TCEQ-10026 (APD-ID 40v3.0, revised 09/24) OP-UA6 Instr.  
This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V Release 09/24)

Select one of the following hydrogen chloride emission limit options. Enter the code on the form.

Code	Description
BTU-HCL	Emission limits for HCl in pounds per MMBtu heat input
STM-HCL	Emission limits for HCl in pounds per MMBtu steam output (for steam generating units only)
MWH-HCL	Emission limits for HCl in pounds per MWh power output (for boilers that generate electricity only)

#### HCl-CMS:

Select one of the following hydrogen chloride continuous monitoring system (CMS) options. Enter the code on the form.

Code	Description
NONE	A CMS is not being used
HCL-CEMS	An HCl CEMS is used
SO <sub>2</sub> -CEMS	An SO <sub>2</sub> CEMS is used

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**Table 14b:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDDD: Industrial, Commercial, and Institutional Boilers

★ Complete this table only if “HCl-CMS” is “NONE.”

#### Unit ID No.:

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

#### SOP/GOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

#### HCl-CD:

Select one of the following hydrogen chloride control device options. Enter the code on the form.

Code	Description
DS	Dry scrubber is being used
WAS	A wet acid scrubber is used
PWS-PH	A particulate wet scrubber with pH effluent operating limit
OTHER	Other control methods are being used
NONE	A control device is not used



**HCl-Test:**

Select one of the following hydrogen chloride performance test options. Enter the code on the form.

Code	Description
PT	Compliance is demonstrated by conducting a performance test for HCl
NPT	A performance test is not being used

**HCl-FA:**

Select one of the following hydrogen chloride fuel analysis options. Enter the code on the form.

Code	Description
FA	Compliance is demonstrated by conducting fuel analysis for HCl
NFA	Fuel analysis is not being used

**HCl-FlMon:**

Select one of the following hydrogen chloride flow monitoring system options. Enter the code on the form.

Code	Description
FMS	Operating limit requires a flow monitoring system for HCl
NFMS	Flow monitoring system is not required for HCl

**HCl-pHMon:**

Select one of the following hydrogen chloride pH monitoring system options. Enter the code on the form.

Code	Description
PHMON	Operating limit requires a pH monitoring system for HCl
NPH	A pH monitoring system is not required for HCl

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**Table 14c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDDD: Industrial, Commercial, and Institutional Boilers**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Hg Emission:**

Select one of the following hydrogen chloride emission limit options. Enter the code on the form.

Code	Description
BTU-HG	Emission limits for Hg in pounds per MMBtu heat input
STM-HG	Emission limits for Hg in pounds per MMBtu steam output (for steam generating units only)
MWH-HG	Emission limits for Hg in pounds per MWh power output (for boilers that generate electricity only)

**Hg-InjRate:**

Enter "YES" if an operating limit requires a monitoring system to measure sorbent injection rate for Hg. Otherwise, enter "NO."

**Hg-CMS:**

Select one of the following mercury continuous monitoring system (CMS) options. Enter the code on the form.

Code	Description
NONE	A CMS is not being used
HG-CEMS	An Hg CEMS is used
HGCMS	A CMS other than an Hg CEMS is used

▼ **Continue on Table 14c only if "Hg-CMS" is "NONE". If "Hg-CMS" is HG-CEMS" or "HGCMS," skip to Table 14d.**

**Hg-CD:**

Select one of the following mercury control device options. Enter the code on the form.

Code	Description
DS	Dry scrubber is being used
WAS	A wet acid scrubber is used
ESP-WS	An electrostatic precipitator with a wet scrubber is used
ACI	Activated carbon injection is used
OTHER	Other control methods are being used
NONE	A control device is not used

**Hg-Test:**

Select one of the following Hg performance test options. Enter the code on the form.

Code	Description
PT	Compliance is demonstrated by conducting a performance test for Hg
NPT	A performance test is not being used

**Hg-FA:**

Select one of the following Hg fuel analysis options. Enter the code on the form.

Code	Description
HGFA	Compliance is demonstrated by conducting fuel analysis for Hg
NFA	Fuel analysis is not being used

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**Table 14d:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDDD: Industrial, Commercial, and Institutional Boilers

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**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

★ Complete “BM Subcategory” only if “Table Applicability” is “BM10.”

**BM Subcategory:**

Select one of the following options that describes subcategory of the boiler or process heater as listed in §63.7499. Enter the code on the form.

Code	Description
7499(I)	The unit is a stoker/sloped grate/other unit designed to burn wet biomass/bio-based solid
7499(D)	The unit is a stoker/sloped grate/other unit designed to burn kiln dried biomass/bio-based solid
7499(E)	The unit is a fluidized bed designed to burn biomass/bio-based solid
7499(F)	The unit is a suspension burner designed to burn biomass/bio-based solid
7499(J)	The unit is a Dutch oven/pile burner designed to burn biomass/bio-based solid
7499(G)	The unit is a fuel cell designed to burn biomass/bio-based solid
7499(H)	The unit is a hybrid suspension/grate burner designed to burn wet biomass/bio-based solid

**PM/TSM Emission:**

Select one of the following particulate matter or total selected metals emission limit options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
BTU-PM	Emission limits for PM in pounds per MMBtu heat input
BTU-TSM	Emission limits for TSM in pounds per MMBtu heat input
STM-PM	Emission limits for PM in pounds per MMBtu steam output (for steam generating units only)
STM-TSM	Emission limits for TSM in pounds per MMBtu steam output (for steam generating units only)
MWH-PM	Emission limits for PM in pounds per MWh power output (for boilers that generate electricity only)
MWH-TSM	Emission limits for TSM in pounds per MWh power output (for boilers that generate electricity only)

- ▼ **Continue on Table 14d only if “PM/TSM-Emission” is “BTU-TSM”, “STM-TSM”, or “MWH-TSM.” If “PM/TSM Emission” is “BTU-PM,” “STM-PM,” or “MWH-PM,” skip to Table 14e.**

**TSM-CMS:**

Select one of the following continuous monitoring system (CMS) options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
TSMCEMS	TSM CEMS is used
TSMCMS	TSM CMS other than a TSM CEMS is used
NONE	CMS is not being used

- ▼ **Continue on Table 14d only if “TSM-CMS” is “NONE”. If “TSM-CMS” is “TSMCEMS” or “TSMCMS,” skip to Table 14e.**

**TSM-Test:**

Select one of the following TSM performance test options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
PT	Compliance is demonstrated by conducting a performance test for TSM
NPT	A performance test is not being used

**TSM-FA:**

Select one of the following TSM fuel analysis options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
FA	Compliance is demonstrated by conducting fuel analysis for TSM
NFA	Fuel analysis is not being used

**Table 14e:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDDD: Industrial, Commercial, and Institutional Boilers

★ Complete this table only if “PM/TSM Emission” is “BTU-PM,” “STM-PM,” or “MWH-PM.”

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

★ Complete “PM-250” only if “Table Applicability” is “SFF10” or “HLL10.”

**PM-250:**

Select one of the following options for the average annual heat input. Enter the code on the form.

Code	Description
250+	Average annual heat input rate is greater than 250 MMBtu per hour from solid fossil fuel and/or heavy liquid fuel
250-	Average annual heat input rate is less than or equal to 250 MMBtu per hour from solid fossil fuel and/or heavy liquid fuel

**PM-CMS:**

Select one of the following continuous monitoring system (CMS) options. Enter the code on the form.

Code	Description
PMCEMS	PM CEMS is used
PMCMS	PM CMS other than a PM CEMS is used
PMCPMS	PM CPMS is used to monitor a PM control device
NONE	CMS is not being used. (not a valid entry if “PM-250” is “250+”)

▼ Continue on Table 14e only if “PM-CMS” is “NONE” or “PMCMS”. If “PM-CMS” is “PMCEMS” or “PMCPMS,” skip to Table 14f.

**PM-CD:**

Select one of the following PM control device options. Enter the code on the form.

Code	Description
BLD	A Fabric Filter with a bag leak detection system is used
WS	A Wet Scrubber is used
ESP-WS	An Electrostatic Precipitator with a Wet Scrubber is used
OTHER	Other control methods are being used
NONE	A control device is not used

TCEQ-10026 (APD-ID 40v3.0, revised 09/24) OP-UA6 Instr.

This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V Release 09/24)

**PM-Test:**

Select one of the following PM performance test options. Enter the code on the form.

Code	Description
PT	Compliance is demonstrated by conducting a performance test for PM
NPT	A performance test is not being used

**PM-FM:**

Select one of the following flow monitoring options. Enter the code on the form.

Code	Description
FM	Operating limit requires the use of a flow monitoring system
NFM	A flow monitoring system is not required

**PM-PMON:**

Select one of the following pressure monitoring system options. Enter the code on the form.

Code	Description
PMON	Operating limit requires the use of a pressure monitoring system
NO	A pressure monitoring system is not required

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**Table 14f:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDDD: Industrial, Commercial, and Institutional Boilers

★ Complete this table only if “TSM-CMS” is “NONE” or “PM-CMS” is “PMCMS” or “NONE.”

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Opacity-CD:**

Select one of the following control device options. Enter the code on the form.

Code	Description
BLD	A fabric filter with a bag leak detection system is used
FF	A fabric filter without a bag leak detection system is used
ESP-WS	An electrostatic precipitator with a wet scrubber is used
ESP	An electrostatic precipitator without a wet scrubber is used
DRY	A dry control system is used
OTHER	Other control methods are being used
NONE	A control device is not used

- ▼ Continue on Table 14f only if “Opacity-CD” is “FF”, “ESP”, or “DRY.” If “Opacity-CD” is “BLD,” “ESP-WS,” “OTHER,” or “NONE,” skip to Table 14g.

**COMS:**

Select one of the following continuous opacity monitoring options. Enter the code on the form.

Code	Description
COMS	A continuous opacity monitoring system is used
NOCOMS	A continuous opacity monitoring system is not used

- ▼ Continue on Table 14f only if “COMS” is “NOCOMS.” If “COMS” is “COMS,” skip to Table 14g.

**OPT-Test:**

Select one of the following opacity performance test options. Enter the code on the form.

Code	Description
OPT	Compliance is demonstrated by conducting a performance test for opacity
NPTO	A performance test is not being used

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**Table 14g:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDDD: Industrial, Commercial, and Institutional Boilers

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

★ **Complete “SFF Subcategory” only if “Table Applicability” is “SFF10.”**

**SFF Subcategory:**

Select one of the following options that describes subcategory of the boiler or process heater as listed in §63.7499. Enter the code on the form.

<b>Code</b>	<b>Description</b>
7499(A)	The unit is a pulverized coal/solid fossil fuel unit
7499(B)	The unit is a stoker designed to burn coal/solid fossil fuel
7499(C)	The unit is a fluidized bed unit designed to burn coal/solid fossil fuel (without integrated heat exchanger)
7499(S)	The unit is a fluidized bed unit with an integrated fluidized bed heat exchanger designed to burn coal/solid fossil fuel
SUBNA	The unit is not part of the subcategories in §63.7499(a), (b), (c) or (s)

**CO Emission:**

Select one of the following CO emission limit options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
PPM-CO	Emission limits for CO in ppm by volume not using a CEMS (valid code only if “Table Applicability” is “SFF10” or if “BM Subcategory” is “7499(I)”, “7499(E)”, “7499(F)”, “7499(J)” or “7944(H)”
CEM-CO	Emission limits for CO in ppm by volume using a CEMS (valid code only if “Table Applicability” is “SFF10” or if “BM Subcategory” is “7499(I)”, “7499(E)”, “7499(F)”, “7499(J)”, or “7944(H)”
PPM	Emission limits for CO in ppm by volume (valid code only if “Table Applicability” is “HLIQ10” or “LLIQ10”, or “GAS2” or “BM Subcategory” is “7499(D)”, or “7499(G)”
STM-CO	Emission limits for CO in pounds per MMBtu steam output (for steam generating units only).
MWH-CO	Emission limits for CO in pounds per MWh power output (for boilers that generate electricity only)

▼ **Continue only if “CO Emission” is “PPM-CO,” “STM-CO,” or “MWH-CO.”**

**CO-CMS:**

Select one of the following continuous monitoring system (CMS) options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
COCMS	CO CMS is used
NONE	CMS is not being used

**CO-Test:**

Select one of the following CO performance test options. Enter the code on the form.

<b>Code</b>	<b>Description</b>
PT	Compliance is demonstrated by conducting a performance test for CO
NPT	A performance test is not being used



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**Table 15a:** Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart TTTT: Standards of Performance for Greenhouse Gas Emissions for Electric Utility Generating Units

- ★ Do not complete this table for steam generating units or integrated gasification combined cycle (IGCC) facilities that have been constructed after January 8, 2014, or have been modified or reconstructed after June 18, 2014, that do not meet the applicability criteria listed in 40 CFR §60.5509(a)(1)-(2).
- ★ Do not complete this table for steam generating units or IGCC facilities that meet any of the conditions specified in 40 CFR §60.5509(b)(1)-(10).

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Unit Type:**

Select one of the following unit type options. Enter the code on the form.

Code	Description
STEAM	Steam generating unit
IGCC	Integrated gasification combined cycle facility

**Construction/Modification Date:**

Select one of the following options describing the date of commencement of the most recent construction, modification, or reconstruction. Enter the code on the form.

Code	Description
2014-	Constructed on or before January 8, 2014
2014+	Constructed after January 8, 2014
2014-M	Modified on or before June 18, 2014
2014+M	Modified after June 18, 2014
2014-R	Reconstructed on or before June 18, 2014
2014+R	Reconstructed after June 18, 2014

- ▼ Do not continue if “Construction/Modification Date” is “2014-”, “2014-M”, or “2014-R.”
- ★ Do not complete “Base Load Rating” if Unit Type is “STEAM” or “IGCC” and Construction/Modification Date is “2014+.”

**Base Load Rating:**

Select one of the following options describing the Base Load Rating. Enter the code on the form.

Code	Description
2100-	The unit has a base load rating of 2,100 GJ/h (2,000 MMBtu/h) or less
2100+	The unit has a base load rating greater than 2,100 GJ/h (2,000 MMBtu/h)

**Commercial Operation Date:**

Select one of the following options describing the date of commencement of commercial operation. Enter the code on the form.

Code	Description
2015-	The unit commenced commercial operation before October 23, 2015
2015+	The unit commenced commercial operation on or after October 23, 2015

★ **Complete “Emissions Reporting Date” only if “Commercial Operation Date” is “2015-.”**

**Emissions Reporting Date:**

Select one of the following options describing when emissions reporting is required to begin. Enter the code on the form.

Code	Description
OCT2015-	The date on which emissions reporting was required to begin passed prior to October 23, 2015
OCT2015+	The date on which emissions reporting was required to begin was after October 23, 2015

**Acid Rain Program:**

Select one of the following options describing Acid Rain Program applicability. Enter the code on the form.

Code	Description
ARP	The unit is subject to the Acid Rain Program
NARP	The unit is not subject to the Acid Rain Program

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**Table 15b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart TTTT: Standards of Performance for Greenhouse Gas Emissions for Electric Utility Generating Units**

**Unit ID No.:**

Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**CO<sub>2</sub> Capture:**

Select one of the following options describing if the affected EGU captures CO<sub>2</sub>. Enter the code on the form.

Code	Description
CAP	The EGU captures CO <sub>2</sub> to meet the applicable CO <sub>2</sub> emission limit
NOCAP	The EGU does not capture CO <sub>2</sub> to meet the applicable CO <sub>2</sub> emission limit

★ **Complete “CO<sub>2</sub> Transfer” only if “CO<sub>2</sub> Capture” is “CAP.”**

**CO<sub>2</sub> Transfer:**

Select one of the following options describing if captured CO<sub>2</sub> is transferred. Enter the code on the form.

Code	Description
TRAN	The administrator has granted approval for the captured CO <sub>2</sub> from the affected EGU to be transferred to a facility reporting under 40 CFR Part 98, Subpart RR
NOTRAN	CO <sub>2</sub> captured from the affected EGU is not transferred

**Monitoring:**

Select one of the following options describing emissions monitoring. Enter the code on the form.

Code	Description
CEMS	The affected EGU uses CO <sub>2</sub> Continuous Emissions Monitoring (CEMS)
NOCEMS	The affected EGU does not use CO <sub>2</sub> Continuous Emissions Monitoring (CEMS)

★ **Complete “Common Stack” only if “Monitoring” is “CEMS.”**

**Common Stack:**

Select one of the following options describing if the EGUs share a common stack. Enter the code on the form.

Code	Description
C-STK	Two or more affected EGUs share a common exhaust stack, are subject to the same emissions standard, and are choosing to monitor emissions at the common stack
I-STK	Each affected EGU emits exhaust gases through individual stacks

★ **Complete “Multiple Stacks” only if “Monitoring” is “CEMS.”**

**Multiple Stacks:**

Select one of the following describing if multiple stacks are used for exhaust gases. Enter the code on the form.

Code	Description
M-STK	The exhaust gases from the affected EGU are emitted to the atmosphere through multiple stacks, or the exhaust gases are routed to a common stack through multiple ducts and are electing to monitor in the ducts
S-STK	The exhaust gases are emitted through a single stack

**Common Electric Generator:**

Select one of the following options describing if a common electric generator is used. Enter the code on the form.

Code	Description
C-GEN	Two or more affected EGUs serve a common electric generator
I-GEN	Two or more affected EGUs have individual electric generators

**OP-UA6 Instructions**  
**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 1)**  
**Federal Operating Permit Program**  
**Table 1a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart D: Standards of Performance for Fossil Fuel-Fired Steam Generators**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Construction/Modification Date	Covered Under Subpart Da or KKKK	Changes to Existing Affected Facility	Heat Input Rate	Alternate 42C	PM CEMS	Opacity Monitoring	Gas/Liquid Fuel	Fuels with 0.33 % or Less Sulfur	Specific Site

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 2)**  
**Federal Operating Permit Program**  
**Table 1b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart D: Standards of Performance for Fossil Fuel-Fired Steam Generators**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	Alternate 43D	Alternate 44F	Flue Gas Desulfurization	SO <sub>2</sub> Monitoring	Cyclone-Fired Unit	NO <sub>x</sub> Monitoring Type

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 3)**  
**Federal Operating Permit Program**  
**Table 2a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart Da: Standards of Performance for Electric Utility Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Construction/Modification Date	Heat Input of Fossil Fuel	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	Changes to Existing Affected Facility	Percent (%) Coal Refuse	Combined Cycle Type	PM Commercial Demonstration Permit	PM Standard Basis

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 4)**  
**Federal Operating Permit Program**  
**Table 2b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart Da: Standards of Performance for Electric Utility Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	NO <sub>x</sub> IGCC Standard	MACT Applicability	Unit Type	PM Monitoring Type	Opacity Monitoring Type	SO <sub>2</sub> Monitoring Type	NO <sub>x</sub> Monitoring Type	SO <sub>2</sub> Commercial Demonstration Permit	SO <sub>2</sub> Emission Rate	FGD

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 5)**  
**Federal Operating Permit Program**  
**Table 2c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart Da: Standards of Performance for Electric Utility Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	SO <sub>2</sub> Standard Basis	NO <sub>x</sub> Comm. Dem. Permit	Alt. Stds. for Comb. NO <sub>x</sub> and CO	NO <sub>x</sub> Standard Basis	Duct Burner	PM Flow Monitoring System	SO <sub>2</sub> Flow Monitoring System	NO <sub>x</sub> Flow Monitoring System



**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 6)**  
**Federal Operating Permit Program**  
**Table 3a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Construction/ Modification Date	Heat Input Capacity	Subpart Da	Changes to Existing Affected Facility	Subpart Ea, Eb, AAAA, or CCCC	Subpart KKKK	Subpart Cb or BBBB	Temporary Boiler

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 7)**  
**Federal Operating Permit Program**  
**Table 3b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	Subpart D	Additional Applicability Requirement	ACF Option SO <sub>2</sub>	ACF Option PM	ACF Option NO <sub>x</sub>

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 8)**  
**Federal Operating Permit Program**  
**Table 3c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	60.42b (k)(2) Low Sulfur Exemption	60.42b (k)(4) Alternative	Post-Combustion Control	60.43b(h)(2) Alternative	Electrical or Mechanical Output	Output Based Limit	60.49 Da(n) Alternative	60.49 Da(m) Alternative

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 9)**  
**Federal Operating Permit Program**  
**Table 3d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Residual Oil Sampling	Monitoring Type PM	Monitoring Type PM (Opacity)	Monitoring Type NO <sub>x</sub>	Monitoring Type SO <sub>2</sub>	Technology Type	Unit Type	Heat Release Rate	Heat Input Gas/Oil	Heat Input Wood	Fuel Heat Input

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 10)**  
**Federal Operating Permit Program**  
**Table 3e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Alternate Emission Limit (AEL)	AEL ID. NO.

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 11)**  
**Federal Operating Permit Program**  
**Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart Dc: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
1/14/2025	0-01631	100222488

Unit ID No.	SOP Index No.	Construction/Modification Date	Maximum Design Heat Input Capacity	Applicability	Heat Input Capacity	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	ACF Option SO <sub>2</sub>	ACF Option PM	30% Coal Duct Burner
29	63DDDDDD-1	89-	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO
31	63DDDDDD-1	05+	10-100	NONE	10-30	NG	N/A	N/A	55+CL	OTHR	NO
32	63DDDDDD-1	05+	10-100	NONE	10-30	NG	N/A	N/A	55+CL	OTHR	NO
56-BLR1	63DDDDDD-1	05+	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO
56-BLR2	63DDDDDD-1	05+	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO
14-BLR1	63DDDDDD-1	05+	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO
36Q	63DDDDDD-1	05+	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO
36R	63DDDDDD-1	05+	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO
30-TRCB-BLR1	63DDDDDD-1	05+	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO
2SPARCEL-BLRA	63DDDDDD-1	05+	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO

**Boiler/Steam Generator/Steam Generating Unit Attributes**

**Form OP-UA6 (Page 11-Cont)**

**Federal Operating Permit Program**

**Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart Dc: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**

**Texas Commission on Environmental Quality**

Unit ID No.	SOP Index No.	Construction/Modification Date	Maximum Design Heat Input Capacity	Applicability	Heat Input Capacity	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	ACF Option SO <sub>2</sub>	ACF Option PM	30% Coal Duct Burner
2SPARCELL-BLRB	63DDDDD-1	05+	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO
2SPARCELL-BLRC	63DDDDD-1	05+	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO
2SPARCELL-BLRD	63DDDDD-1	05+	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO
BLDG36PRSBL R1	63DDDDD-1	05+	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO
BLDG36PRSBL R2	63DDDDD-1	05+	10-	NONE	N/A	NG	N/A	N/A	55+CL	OTHR	NO

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 12)**  
**Federal Operating Permit Program**  
**Table 4b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart Dc: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
1/14/2025	0-01631	100222488

Unit ID No.	SOP Index No.	Monitoring Type PM	Monitoring Type SO <sub>2</sub> Inlet	Monitoring Type SO <sub>2</sub> Outlet	Technology Type	43CE-Option	47C-Option
31	63DDDDD-1	NONE	FLCRT	N/A	NONE	N/A	N/A
32	63DDDDD-1	NONE	FLCRT	N/A	NONE	N/A	N/A



**Boiler/Steam Generator/Steam Generating Unit Attributes  
Form OP-UA6 (Page 13)**

**Federal Operating Permit Program**

**Table 5a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)**

**Subpart B: Combustion Control at Major Industrial, Commercial and Institutional Sources in Ozone Nonattainment Areas  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Unit Type	MRC	RACT Date Placed in Service	Functionally Identical Replacement	Fuel Type	Fuel Type	Fuel Type	Annual Heat Input

**Boiler/Steam Generator/Steam Generating Unit Attributes  
Form OP-UA6 (Page 14)**

**Federal Operating Permit Program**

**Table 5b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)**

**Subpart B: Combustion Control at Major Industrial, Commercial and Institutional Sources in Ozone Nonattainment Areas  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	NO <sub>x</sub> Emission Limitation	Opt-In Unit	23C-Option	Title 30 TAC Chapter 116 Permit Limit	EGF System Cap Unit	NO <sub>x</sub> Emission Limit Average	NO <sub>x</sub> Reduction	Common Stack Combined

**Boiler/Steam Generator/Steam Generating Unit Attributes  
Form OP-UA6 (Page 15)**

**Federal Operating Permit Program**

**Table 5c: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)**

**Subpart B: Combustion Control at Major Industrial, Commercial and Institutional Sources in Ozone Nonattainment Areas  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Fuel Type Heat Input	NO <sub>x</sub> Monitoring System	Fuel Flow Monitoring	CO Emission Limitation	CO Monitoring System	NH <sub>3</sub> Emission Limitation	NH <sub>3</sub> Emission Monitoring

**Boiler/Steam Generator/Steam Generating Unit Attributes**

**Form OP-UA6 (Page 16)**

**Federal Operating Permit Program**

**Table 6a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)**

**Subpart C: Combustion Control at Major Utility Electric Generation Sources in Ozone Nonattainment Areas**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Date Placed in Service	Functionally Identical Replacement	Annual Heat Input	Service Type	Fuel Type	Fuel Type	Fuel Type	RACT NOx Emission Limitation	ESAD NOx Emission Limitation	EGF

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 17)**

**Federal Operating Permit Program**

**Table 6b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)**

**Subpart C: Combustion Control at Major Utility Electric Generation Sources in Ozone Nonattainment Areas**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Fuel Firing Option	ESAD NO <sub>x</sub> DFW 8-Hour	NO <sub>x</sub> Monitoring System	Title 30 TAC Chapter 116 Permit Limit	CO Emission Limitation	CO Monitoring System	Ammonia Use	NH <sub>3</sub> Emission Limitation	NH <sub>3</sub> Monitoring System

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 18)**  
**Federal Operating Permit Program**  
**Table 7: Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 112)**  
**Subchapters A-D: Control of Air Pollution from Sulfur Compounds**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Fuel Type	Date of Operation	Heat Input	Control Equipment	FCAA § 412(c)	Stack Height

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 19)**  
**Federal Operating Permit Program**  
**Table 8a: Title 30 Texas Administrative Code Chapter 113 (30 TAC Chapter 113)**  
**Subchapter D: Hospital/Medical/Infections Waste Incinerators**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Construction Date	Combustor Type	Type of Waste	Co-Fired Combustor	HMIWI Size	Control Device	PM CEMS	Opacity Monitoring	Approved Equivalent ID No.

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 20)**  
**Federal Operating Permit Program**  
**Table 8b: Title 30 Texas Administrative Code Chapter 113 (30 TAC Chapter 113)**  
**Subchapter D: Hospital/Medical/Infections Waste Incinerators**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Commercial Unit	CO Monitoring	Approved Equivalent ID No.	Dioxins/ Furans CEMS	Toxic Equivalent Method	HCL CEMS	HCL Percentage Reduction Method



**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 21)**  
**Federal Operating Permit Program**  
**Table 8c: Title 30 Texas Administrative Code Chapter 113 (30 TAC Chapter 113)**  
**Subchapter D: Hospital/Medical/Infections Waste Incinerators**  
**Article III. Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Pb CEMS	Pb % Reduction Method	Cd CEMS	Cd % Reduction Method	Hg CEMS	Hg % Reduction Method

**Boiler/Steam Generator/Steam Generating Unit Attributes**

**Form OP-UA6 (Page 22)**

**Federal Operating Permit Program**

**Table 9a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)**

**Subchapter E: Division 1: Utility Electric Generation in East and Central Texas**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Date Placed in Service	Unit Exempt	Location	Capacity	30% of the Maximum	Firing Method

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 23)**

**Federal Operating Permit Program**

**Table 9b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)**

**Subchapter E: Division 1: Utility Electric Generation in East and Central Texas**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	NO <sub>x</sub> Emission Limitation	Fuel	NO <sub>x</sub> Monitoring	Maximum Emission Rate	Ammonia Use	NH <sub>3</sub> Emission Limitation	Ammonia Monitoring

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 24)**  
**Federal Operating Permit Program**  
**Table 10a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart EEE: Hazardous Waste Combustors**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Type Fuel	Existing Source	Area Source	Elective Standards	Dioxin/Furan Standard	Heating Value	Hg Feedrate

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 25)**  
**Federal Operating Permit Program**  
**Table 10b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart EEE: Hazardous Waste Combustors**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Alt Metals	Met Feedrate	CO/THC Standard	Baghouse	PM Detection	Dioxin-Listed	DRE Previous Test	Feed Zone

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 26)**  
**Federal Operating Permit Program**  
**Table 11: Title 30 Texas Administrative Code Chapter 111 (TAC Chapter 111)**  
**Subchapter A: Division 2: Incineration**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Hazardous Waste	Monitor

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 27)**  
**Federal Operating Permit Program**  
**Table 12: Title 30 Texas Administrative Code Chapter 111 (TAC Chapter 111)**  
**Subchapter A: Division 5: Emission Limits on Nonagricultural Processes**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Source Type

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 28)**  
**Federal Operating Permit Program**  
**Table 13a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	§63.9983(a)	§63.9983(b)	§63.9983(c)	§63.9983(d)	Limited-use Liquid	Construction Status



**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 29)**  
**Federal Operating Permit Program**  
**Table 13b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Start-Up	Unit Fuel	Pollutant-a	Syngas	PM-Input	TOTHAP-Input

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 30)**  
**Federal Operating Permit Program**  
**Table 13c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Sb-Input	As-Input	Be-Input	Cd-Input	Cr-Input	Co-Input

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 31)**  
**Federal Operating Permit Program**  
**Table 13d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Pb-Input	Mn-Input	Ni-Input	Se-Input	Hg-Input-a	Pollutant-b

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 32)**  
**Federal Operating Permit Program**  
**Table 13e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	HCl-Input	SO <sub>2</sub> -Input	Hg-Input-c	Hg-LEE Test	HF-Input	Scrubber/Bypass	PM-LEE

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 33)**  
**Federal Operating Permit Program**  
**Table 13f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	TOTHAP-LEE	Sb-LEE	As-LEE	Be-LEE	Cd-LEE	Cr-LEE

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 34)**  
**Federal Operating Permit Program**  
**Table 13g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Co-LEE	Pb-LEE	Mn-LEE	Ni-LEE	Se-LEE	Hg-LEE-a

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 35)**  
**Federal Operating Permit Program**  
**Table 13h: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	HCl-LEE	SO <sub>2</sub> -LEE	Hg-LEE-c	HF-LEE	Startup

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 36)**  
**Federal Operating Permit Program**  
**Table 13i: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Compliance Demo	Stack Config	O <sub>2</sub> -CO <sub>2</sub> CEMS	Flow Monitor	Gas Moisture	Direct HAP



**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 37)**  
**Federal Operating Permit Program**  
**Table 14a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart DDDDD: Industrial, Commercial, and Institutional Boilers**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
1/23/2025	0-01631	100222488

Unit ID No.	SOP/GOP Index No.	Commence	Table Applicability	HCl Emission	HCl-CMS
29	63DDDDD-1	EXIST	T3.2G1	N/A	N/A
31	63DDDDD-1	EXIST	T3.3G1	N/A	N/A
32	63DDDDD-1	EXIST	T3.3G1	N/A	N/A
56-BLR1	63DDDDD-1	NEW	T3.2G1	N/A	N/A
56-BLR2	63DDDDD-1	NEW	T3.2G1	N/A	N/A
14-BLR1	63DDDDD-1	NEW	T3.1G1	N/A	N/A
36Q	63DDDDD-1	EXIST	T3.1G1	N/A	N/A
36R	63DDDDD-1	EXIST	T3.2G1	N/A	N/A
30-TRCB-BLR1	63DDDDD-1	NEW	T3.2G1	N/A	N/A
2SPARCELL-BLRA	63DDDDD-1	NEW	T3.2G1	N/A	N/A

**Boiler/Steam Generator/Steam Generating Unit Attributes**

**Form OP-UA6 (Page 37 - CONT)**

**Federal Operating Permit Program**

**Table 14a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart DDDDD: Industrial, Commercial, and Institutional Boilers**

**Texas Commission on Environmental Quality**

Unit ID No.	SOP/GOP Index No.	Commence	Table Applicability	HCl Emission	HCl-CMS
2SPARCELL-BLRB	63DDDDDD-1	NEW	T3.2G1	N/A	N/A
2SPARCELL-BLRC	63DDDDDD-1	NEW	T3.2G1	N/A	N/A
2SPARCELL-BLRD	63DDDDDD-1	NEW	T3.2G1	N/A	N/A
BLDG36PRSBLR1	63DDDDDD-1	EXIST	T3.1G1	N/A	N/A
BLDG36PRSBLR2	63DDDDDD-1	EXIST	T3.1G1	N/A	N/A

**oiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 38)**  
**Federal Operating Permit Program**  
**Table 14b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart DDDDD: Industrial, Commercial, and Institutional Boilers**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	HCl-CD	HCl-Test	HCl-FA	HCl-FloMon	HCl-pHMon

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 39)**  
**Federal Operating Permit Program**  
**Table 14c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart DDDDD: Industrial, Commercial, and Institutional Boilers**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Hg Emission	Hg-InjRate	Hg-CMS	Hg-CD	Hg-Test	Hg-FA

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 40)**  
**Federal Operating Permit Program**  
**Table 14d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart DDDDD: Industrial, Commercial, and Institutional Boilers**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	BM Subcategory	PM/TSM Emission	TSM-CMS	TSM-Test	TSM-FA

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 41)**  
**Federal Operating Permit Program**  
**Table 14e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart DDDDD: Industrial, Commercial, and Institutional Boilers**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	PM-250	PM-CMS	PM-CD	PM-Test	PM-FM	PM-PMON

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 42)**  
**Federal Operating Permit Program**  
**Table 14f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart DDDDD: Industrial, Commercial, and Institutional Boilers**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Opacity-CD	COMS	OPT-Test

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 43)**  
**Federal Operating Permit Program**  
**Table 14g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart DDDDD: Industrial, Commercial, and Institutional Boilers**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	SFF Subcategory	CO Emission	CO-CMS	CO-Test



**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 44)**  
**Federal Operating Permit Program**  
**Table 15a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart TTTT: Standards of Performance for Greenhouse Gas Emissions for Electric Utility Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Unit Type	Construction/Modification Date	Base Load Rating	Commercial Operation Date	Emissions Reporting Date	Acid Rain Program

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6 (Page 45)**  
**Federal Operating Permit Program**  
**Table 15b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart TTTT: Standards of Performance for Greenhouse Gas Emissions for Electric Utility Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	CO <sub>2</sub> Capture	CO <sub>2</sub> Transfer	Monitoring	Common Stack	Multiple Stacks	Common Electric Generator

**Form OP-UA2 - Instructions**  
**Stationary Reciprocating Internal Combustion Engine Attributes**  
**Texas Commission on Environmental Quality**

**General:**

This form is used to provide a description and data pertaining to all stationary reciprocating internal combustion (SRIC) engines with potentially applicable requirements associated with a particular regulated entity number and application. Each table number, along with the possibility of a corresponding letter (i.e., Table 1a, Table 1b), corresponds to a certain state or federal rule. If the rule on the table is not potentially applicable to an SRIC engine, then it should be left blank and need not be submitted with the application. If the codes entered by the applicant show negative applicability to the rule or sections of the rule represented on the table, then the applicant need not complete the remainder of the table(s) that corresponds to the rule. Further instruction as to which questions should be answered and which questions should not be answered are located in the “Specific” section of the instruction text. The following is included in this form: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas

**Table 1a - 1c:**            **Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas**

**Table 2a - 2c:**            **Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.**

**Table 3:**                **Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter E: Multi-Region Combustion Control, Division 4: East Texas Combustion**

**Table 4a - 4b:**            **Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines**

**Table 5a - 5c:**            **Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**

The application area name from Form OP-1 (Site Information Summary) must appear in the header of each page for the purpose of identification for the initial submittal. The date of the initial form submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). Leave the permit number blank for the initial form submittal. If this form is included as part of the permit revision process, enter the permit number assigned by the TCEQ, the area name (from Form OP-1), the date of the revision submittal.

Unit attribute questions that do not require a response from all applicants are preceded by qualification criteria in the instructions. If the unit does not meet the qualification criteria, a response to the question is not required. Anytime a response is not required based on the qualification criteria, leave the space on the form blank.

Notwithstanding any qualification criteria in the form instructions or information provided in other TCEQ guidance, the applicant may leave an attribute question blank (or indicate “N/A” for “Not Applicable”) if the attribute is not needed for the applicable requirement determinations of a regulation for a unit.

Please note that for general operating permit (GOP) applications, responses may be required for questions on this form which are not included as a column in the applicable GOP table. These responses may be needed to determine applicability of certain requirements within a single row of the GOP permit table.

In some situations, the applicant has the option of selecting alternate requirements, limitations, and/or practices for a unit. Note that these alternate requirements, limitations, and/or practices must have the required approval from the TCEQ

Executive Director and/or the U.S. Environmental Protection Agency Administrator before the federal operating permit application is submitted.

The Texas Commission on Environmental Quality (TCEQ) requires that a Core Data Form be submitted on all incoming registrations unless all of the following are met: the Regulated Entity and Customer Reference numbers have been issued by the TCEQ and no core data information has changed. The Central Registry, a common record area of the TCEQ, maintains information about TCEQ customers and regulated activities, such as company names, addresses, and telephone numbers. This information is commonly referred to as “core data.” The Central Registry provides the regulated community with a central access point within the agency to check core data and make changes when necessary. When core data about a facility is moved to the Central Registry, two new identification numbers are assigned: the Customer Reference (CN) number and the Regulated Entity (RN) number. The Core Data Form is required if facility records are not yet part of the Central Registry or if core data for a facility has changed. If this is the initial registration, permit, or license for a facility site, then the Core Data Form must be completed and submitted with application or registration forms. If amending, modifying, or otherwise updating an existing record for a facility site, the Core Data Form is not required, unless any core data information has changed. To review additional information regarding the Central Registry, go to the TCEQ website at [www.tceq.texas.gov/permitting/central\\_registry/index.html](http://www.tceq.texas.gov/permitting/central_registry/index.html).

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### Specific:

#### **Table 1a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas**

★ **Complete this table for SRIC engines that meet the following criteria:**

- located at a site that is a major source of NO<sub>x</sub>, as defined in 30 TAC Chapter 117: and,
- located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour Ozone Nonattainment Areas; and
- located at a site that is not an electric power generating system owned or operated by an electric cooperative, municipality, river authority, public utility or a Public Utility Commission of Texas regulated utility; or,
- if located in Parker County, the site does not generate electric power for compensation

#### **Unit ID No.:**

Enter the identification number (ID No.) for the SRIC engines (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

#### **SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

★ **Complete “Horsepower Rating” if located in the Beaumont/Port Arthur or Dallas/Fort Worth Eight-Hour Ozone Nonattainment Areas.**

#### **Horsepower Rating:**

Select one of the following options for the HP rating. Enter the code on the form.

For SRIC engines located in the Beaumont/Port Arthur Ozone Nonattainment Areas:

Code	Description
300-	HP is less than 300 (and unit is not a lean-burn gas-fired opt-in unit)
300+	HP is greater than or equal to 300
150+E2Y	Lean-burn, gas-fired SRIC with HP greater than or equal to 150 that is exempt from RACT requirements under 30 TAC § 117.103(b) but is included under either a Source Cap or an

Alternative Plant-Wide Emission Specification in 30 TAC §§ 117.123(a) or 117.115(a) as an opt-in unit (for SOP applications only)

For SRIC engines located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area:

Code	Description
50-	HP is less than 50
50+	HP is greater or equal to than 50

▼ Continue if application area is located in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour Ozone Nonattainment Areas; or if in the Beaumont/Port Arthur Ozone Nonattainment Areas and “Horsepower Rating” is “300+” or “150+E2Y”

★ Complete “RACT Date Placed in Service” if located in the Beaumont/Port Arthur Ozone Nonattainment Area and “Horsepower Rating” is “300+.” If “Horsepower Rating” is “150+E2Y,” go to “Fuel Fired” and provide information from that point forward.

#### RACT Date Placed in Service:

Select one of the following options for the date placed in service. Enter the code on the form.

Code	Description
92-	On or before November 15, 1992
92-93	After November 15, 1992 and on or before June 9, 1993
93-FCD	After June 9, 1993 and before the final compliance date specified in 30 TAC § 117.9000
FCD+	After June 9, 1993 and on or after the final compliance date specified in 30 TAC § 117.9000

★ Complete “Functionally Identical Replacement” only if “RACT Date Placed in Service” is “93-FCD.”

#### Functionally Identical Replacement:

Select one of the following options to identify if the unit is a functionally identical replacement for a unit or group of units that were in service on or before November 15, 1992. Enter the code on the form.

Code	Description
YES	Unit is a functionally identical replacement
NO	Unit is not a functionally identical replacement

▼ Do not continue if located in the Beaumont/Port Arthur Ozone Nonattainment Area and:

- “Date Placed in Service” is “92-93” or “FCD+”; or
- “Date Placed in Service” is “93-FCD” and “Functionally Identical Replacement” is “NO.”

#### Type of Service:

Select one of the following options for the type of service. Enter the code on the form.

For SRIC engines located in the Beaumont/Port Arthur Ozone Nonattainment Areas:

Code	Description
EXEMPT	Used in research and testing, performance verification testing, solely to power other engines or turbines during startup, in response to and during the existence of any officially declared disaster or state of emergency or directly and exclusively in agricultural operations
EMERG	Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC § 117.103(a)(6)(D)]
DIESEL	Any stationary diesel engine
850-	Demonstrated to operate less than 850 hours per year, based on a rolling 12-month average (low annual capacity factor) [claiming exemption 30 TAC § 117.103(b)(2)]
ENG	Any other SRIC engine

For SRIC engines located in the Houston/Galveston/Brazoria Ozone Nonattainment Area:

<b>Code</b>	<b>Description</b>
EXEMPT	Used in research and testing, performance verification testing, solely to power other engines or turbines during startup, in response to and during the existence of any officially declared disaster or state of emergency or directly and exclusively in agricultural operations
EMERG	Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC § 117.303(a)(6)(D)] (exemption is not available for new, modified, reconstructed, or relocated diesel fuel fired SRIC engines placed into service on or after October 1, 2001)
D2001-	Existing diesel fuel-fired engine placed into service before October 1, 2001, operated less than 100 hours/year, on a rolling 12-month average that has not been modified, reconstructed, or relocated on or after October 1, 2001 [claiming exemption 30 TAC § 117.303(a)(10)]
D2001+	New, modified, reconstructed or relocated diesel fuel-fired engine, placed into service on or after October 1, 2001, operated less than 100 hours/year, on a rolling 12-month average (other than emergency situations) that meets the corresponding emission standard for non-road engines listed in 40 CFR § 89.112(a), Table 1 (October 23, 1998) and in effect at the time of installation [claiming exemption 30 TAC § 117.303(a)(11)]
ENG	Any other SRIC engine

For SRIC engines located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area:

<b>Code</b>	<b>Description</b>
EXEMPT	Used in research and testing, performance verification testing, solely to power other engines or turbines during startup, in response to and during the existence of any officially declared disaster or state of emergency or directly and exclusively in agricultural operations
EMERG	Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC § 117.403(a)(7)(D)] (exemption is not available for new, modified, reconstructed, or relocated diesel fuel fired SRIC engines placed into service on or after June 1, 2007)
W-EMER	Located in Wise County and used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC § 117.403(b)(2)(D)]
D2007-	Existing diesel fuel-fired engine placed into service before June 1, 2007, operated less than 100 hours/year, on a rolling 12-month average that has not been modified, reconstructed, or relocated on or after June 1, 2007 [claiming exemption 30 TAC § 117.403(a)(8)]
D2007+	Diesel fuel-fired engine, placed into service on or after June 1, 2007, operated less than 100 hours/year, on a rolling 12-month average (other than emergency situations) that meets the requirements for non-road engines [per 30 TAC § 117.403(a)(9)]
ENG	Any other SRIC engine

▼ Continue if “Type of Service” is “ENG,” “W-EMER,” or “EMERG.”

#### Fuel Fired:

Select one of the following options for the fuel fired by the engine. Enter the code on the form.

For GOP applications:

<b>Code</b>	<b>Description</b>
NG	Natural Gas (Engines authorized to operate under GOPs 511, 512, 513 and 514 must select this option except for black start engines, fire pump engines, emergency engines, and engines operated less than 100 hours per year, as allowed by the rule)
LFG	Landfill Gas
DIG	Digester Gas
ORG	Renewable, Non-fossil fuel gas other than landfill or digester gas

DSL	Petroleum-based diesel fuel
B100	Pure or “neat” biodiesel fuel
BXX	Blends of petroleum-based and biodiesel fuel
DUAL	Dual-fuel where at least one of the fuels is a fossil fuel
DUALN	Dual-fuel where both fuels are renewable non-fossil fuels

For SOP applications:

Code	Description
NG	Natural Gas
LFG	Landfill Gas
ORG	Renewable, Non-fossil fuel gas other than landfill gas
OFG	Fuel gas other than natural gas, landfill gas, and renewable, non-fossil fuel gas (propane, butane, refinery fuel gas, etc.)
DSL	Diesel fuel
B100	Pure or “neat” biodiesel fuel
BXX	Blends of petroleum-based and biodiesel fuel
DUAL	Dual-fuel where at least one of the fuels is a fossil fuel
DUALN	Dual-fuel where both fuels are renewable non-fossil fuels

- ▼ **Do not continue if in Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area and “Horsepower Rating” is “50-” and “Fuel Fired” is “NG,” “LFG,” “ORG” or “OFG.”**
- ▼ **Continue only if “Type of Service” is “ENG;” or if “Horsepower Rating” is “150+E2Y.”**

#### Engine Type:

Select one of the following options for the engine type as defined in 30 TAC Chapter 117. Enter the code on the form.

Code	Description
LEANBURN	Lean-burn
RICHBURN	Rich-burn

- ★ **Complete “ESAD Date Placed in Service” only for the following:**
  - **GOP or SOP applications for sites located in the Houston/Galveston/Brazoria Ozone Nonattainment Area and “Fuel Fired” is NOT “NG,” “LFG,” “ORG” or “OFG;” or**
  - **GOP or SOP applications for sites located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area and “Fuel Fired” is NOT “DUAL” or “DUALN.”**

#### ESAD Date Placed in Service:

Select one of the following options for the date the engine was placed into service. Enter the code on the form.

For dual fuel engines located in the Houston/Galveston/Brazoria Ozone Nonattainment Area.

Code	Description
2001-	Placed into service on or prior to December 31, 2000.
2001+	Placed into service after December 31, 2000.

For diesel engines located in the Houston/Galveston Ozone Nonattainment Area, please select the code that defines the most recent date that the engine was installed, modified, reconstructed, or relocated.

Code	Description
-01	Placed into service before October 1, 2001 and has not been modified, reconstructed, or relocated on or after October 1, 2001.
01-02	Installed, modified, reconstructed, or relocated on or after October 1, 2001 but before October 1, 2002.
02-03	Installed, modified, reconstructed, or relocated on or after October 1, 2002 but before October 1, 2003.

03-04	Installed, modified, reconstructed, or relocated on or after October 1, 2003 but before October 1, 2004.
04-05	Installed, modified, reconstructed, or relocated on or after October 1, 2004 but before October 1, 2005.
05-06	Installed, modified, reconstructed, or relocated on or after October 1, 2005 but before October 1, 2006.
06-07	Installed, modified, reconstructed, or relocated on or after October 1, 2006 but before October 1, 2007.
07+	Installed, modified, reconstructed, or relocated on or after October 1, 2007.

For gas fired lean-burn engines located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area.

Code	Description
2007-	Placed into service prior to June 1, 2007, and not modified, reconstructed, or relocated on or after June 1, 2007
2007+	Placed into service, modified, reconstructed, or relocated on or after June 1, 2007
2015-	Placed into service prior to June 1, 2015, and not modified, reconstructed, or relocated on or after June 1, 2015
2015+	Placed into service, modified, reconstructed, or relocated on or after June 1, 2015.

For diesel engines located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area, please select the code that defines the most recent date that the engine was installed, modified, reconstructed, or relocated.

Code	Description
3109-	Placed into service before March 1, 2009 and has not been modified, reconstructed, or relocated on or after March 1, 2009.
3109+	Installed, modified, reconstructed, or relocated on or after March 1, 2009.

★ **Complete “Diesel HP Rating” only for sites located in the Dallas/Fort Worth Eight-Hour or Houston/Galveston/Brazoria Ozone Nonattainment Area and “Fuel Fired” is “DSL,” “B100” or “BXX.”**

#### Diesel HP Rating:

Select one of the following options for the horsepower rating of the diesel engine. Enter the code on the form.

For diesel SRIC engines located in the Houston/Galveston/Brazoria Ozone Nonattainment Area:

Code	Description
11-	Horsepower rating is less than 11 HP.
11-25	Horsepower rating is 11 HP or greater, but less than 25 HP.
25-50	Horsepower rating is 25 HP or greater, but less than 50 HP.
50-100	Horsepower rating is 50 HP or greater, but less than 100 HP.
100-175	Horsepower rating is 100 HP or greater, but less than 175 HP.
175-300	Horsepower rating is 175 HP or greater, but less than 300 HP.
300-600	Horsepower rating is 300 HP or greater, but less than 600 HP.
600-750	Horsepower rating is 600 HP or greater, but less than 750 HP.
750+	Horsepower rating is 750 HP or greater.

For diesel SRIC engines located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area:

Code	Description
50-	Horsepower rating is less than 50 HP.
50-100	Horsepower rating is 50 HP or greater, but less than 100 HP.
100-750	Horsepower rating is 100 HP or greater, but less than 750 HP.
750+	Horsepower rating is 750 HP or greater.



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**Table 1b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas**


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**Unit ID No.:**

Enter the identification number (ID No.) for the SRIC engines (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

SOP applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB XXXX]).

GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at

[www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**NOx Emission Limitation:**

Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable NOx emission specifications of 30 TAC Chapter 117. Select one of the following options. Enter the code on the form.

For GOP applications:

<b>Code</b>	<b>Description</b>
105	Title 30 TAC §§ 117.105(a)(1), (a)(3), (d), or (e) [relating to Emission Specifications for Reasonably Available Control Technology] (use for SRIC engines in the Beaumont/Port Arthur Ozone Nonattainment Area) 410 A Title 30 TAC § 117.410(a) [relating to Emission Specifications for Eight-Hour Attainment Demonstration] (use for SRIC engines in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area)
410A	Title 30 TAC § 117.410(a)(4) [relating to Emission Specifications for Eight-Hour Attainment Demonstration] (use for SRIC engines in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area)
310D	Title 30 TAC § 117.310(d)(3) [relating to Emission Specifications for Attainment Demonstration] (use for SRIC engines in the Houston/Galveston/Brazoria Ozone Nonattainment Area)
405B	Title 30 TAC § 117.405(b)(2)(A) [relating to Emission Specifications for Reasonably Available Control Technology (RACT) gas-fired rich-burn engines used in Wise County]
WS4C	White Superior four-cycle lean-burn engine is complying with Title 30 TAC § 117.405(b)(2)(B)(i)
C2C	Clark two-cycle lean-burn engine is complying with Title 30 TAC § 117.405(b)(2)(B)(ii)
FM2C	Fairbanks Morse MEP two-cycle lean-burn engine is complying with Title 30 TAC § 117.405(b)(2)(B)(iii)
WSE	All other lean-burn engines located in Wise County complying with Title 30 TAC § 117.405(b)(2)(B)(iv)

For SOP applications:

For SRIC engines located in the Beaumont/Port Arthur Ozone Nonattainment Areas:

<b>Code</b>	<b>Description</b>
105	Title 30 TAC §§ 117.105(a)(1), (a)(3), (d) or (e) [relating to Emissions Specifications for Reasonably Available Control Technology]
APES	Engine is complying with an Alternative Plant-Wide Emissions Specification under Title 30 TAC § 117.115(a)
ACSS	Engine is complying with an Alternative Case Specific Specification under Title 30 TAC § 117.125(a)
SC	Engine is complying with a Source Cap under Title 30 TAC § 117.123(a)

For SRIC engines located in the Houston/Galveston/Brazoria Ozone Nonattainment Area:

<b>Code</b>	<b>Description</b>
310D	Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(9) [relating to mass emissions cap and trade in Chapter 101, Subchapter H, Division 3, and Emission Specifications for Attainment Demonstration]
ACF	Engine is complying with an annual capacity factor specification under Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(17)

For SRIC engines located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area:

<b>Code</b>	<b>Description</b>
410A	Title 30 TAC § 117.410(a)(4) [relating to Emission Specifications for Eight-Hour Attainment Demonstration]
405B	Title 30 TAC § 117.405(b)(2)(A) [relating to Emission Specifications for Reasonably Available Control Technology (RACT) gas fired rich burn engines used in Wise County]
ACF	Engine is complying with an annual capacity factor specification under Title 30 TAC § 117.410(a)(14)
SC	Engine is complying with a Source Cap under Title 30 TAC § 117.423(a)
WS4C	White Superior four-cycle-lean-burn engine is complying with Title 30 TAC § 117.405(b)(2)(B)(i)
C2C	Clark two-cycle-lean-burn engine is complying with Title 30 TAC § 117.405(b)(2)(B)(ii)
FM2C	Fairbanks Morse MEP two-cycle-lean-burn engine is complying with Title 30 TAC § 117.405(b)(2)(B)(iii)
WSE	All other -lean-burn engines located in Wise County complying with Title 30 TAC § 117.405(b)(2)(B)(iv)

★ **Complete “23C-Option” only if “NOx Emission Limitation” is “SC.”**

#### **23C-Option:**

Select one of the following § 117.123(c)(1) or 423(c)(1) options for monitoring. Enter the code on the form.

<b>Code</b>	<b>Description</b>
23C-A	CEMS and a totalizing fuel flow meter per § 117.123(c)(1)(A) or § 117.423(c)(1)(A).
23C-B	PEMS and a totalizing fuel flow meter per § 117.123(c)(1)(B) or § 117.423(c)(1)(B).
23C-C	Rate measured by hourly emission rate testing per § 117.123(c)(1)(C) or § 117.423(c)(1)(C).

★ **Complete “30 TAC Chapter 116 Limit” only if “NOx Emission Limitation” is “105.”**

#### **30 TAC Chapter 116 Limit:**

Select one of the following descriptions for the 30 TAC Chapter 116 permit limit. Enter the code on the form.

For units having a 30 TAC Chapter 116 permit in effect on June 9, 1993:

<b>Code</b>	<b>Description</b>
93Y	NOx emission limit in 30 TAC § 117.105 is greater than the NOx emission limit in a 30 TAC Chapter 116 permit
93N	NOx emission limit in 30 TAC § 117.105 is not greater than the NOx emission limit in a 30 TAC Chapter 116 permit

For units placed into service after June 9, 1993 and prior to the final compliance date specified in 30 TAC §§ 117.9000 or 117.9020(1) as a functionally identical replacement for an existing unit, or group of units, and limited to the cumulative maximum rated capacity of the units replaced:

<b>Code</b>	<b>Description</b>
95Y	Emission limit in 30 TAC §§ 117.105 or is greater than the NOx emission limit in any 30 TAC Chapter 116 permit issued after June 9, 1993
95N	Emission limit in 30 TAC §§ 117.105 or is not greater than the NOx emission limit in any 30 TAC Chapter 116 permit issued after June 9, 1993

- ★ **Complete “EGF System Cap Unit” only if located in the Houston/Galveston/Brazoria Ozone Nonattainment Area.**

**EGF System Cap Unit:**

Enter “YES” if the engine is used as an electric generating facility to generate electricity for sale to the electric grid. Otherwise, enter “NO.”

*Units with electric output entirely dedicated to industrial customers or that generate electricity primarily for internal use are not considered as electric generating facilities generating electricity for sale to the electric grid and are not subject to the system cap requirements of 30 TAC § 117.320. “Entirely dedicated” may include up to two weeks per year of service to the electric grid when the industrial customer’s load sources are not operating. Units generating electricity primarily for internal use are those that have previously or will transfer generated electricity to a utility power distribution system at a rate less than 3.85% of actual electrical generation.*

**NOx Averaging Method:**

Select one of the following options for the method used to comply with the applicable emission limitation. Enter the code on the form.

Code	Description
30D	Complying with the applicable emission limit using a 30-day rolling average
1HR	Complying with the applicable emission limits using a block one-hour average

**NOx Reduction:**

Select one of the following NOx reduction options. Enter the code on the form.

Code	Description
WATER	Water or steam injection
NSCR	Nonselective catalytic reduction
POST1	Post combustion control technique with urea or ammonia injection
POST2	Post combustion control technique with chemical reagent other than urea or ammonia
OTHER	Other post combustion control method
NONE	No NOx reduction

**NOx Monitoring System:**

Select the appropriate code to indicate the type of monitoring system used.

For units without a monitoring system:

Code	Description
MERT	Maximum emission rate testing in accordance with 30 TAC § 117.8000

For all other units:

Code	Description
CEMS	Continuous emissions monitoring system
PEMS	Predictive emissions monitoring system
75ARC	CEMS used to comply with 40 CFR Part 75 (pertaining to acid rain) (for SOP applications only)
75ARP	PEMS used to comply with 40 CFR Part 75 (pertaining to acid rain) (for SOP applications only)

- ▼ **Continue only if application type is SOP.**

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**Table 1c: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas**


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**Unit ID No.:**

Enter the identification number (ID No.) for the SRIC engines (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

SOP applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB XXXX]).

GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and numbers, please go to the TCEQ website at

[www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Fuel Flow Monitoring:**

Select one of the following options to indicate how fuel flow is monitored. Enter the code on the form.

<b>Code</b>	<b>Description</b>
X40A	Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a)
X40A2-A	Unit operates with a NO <sub>x</sub> and diluents CEMS and monitors stack exhaust flow per 30 TAC §§ 117.140(a)(2)(A), 117.340(a)(2)(A) or 117.440(a)(2)(A)
X40A2-B	Unit vents to a common stack with a NO <sub>x</sub> and diluents CEMS and uses a single totalizing fuel flow meter per 30 TAC §§ 117.140(a)(2)(B), 117.340(a)(2)(B) or 117.440(a)(2)(B).
X40A2-C	The unit is a diesel engine operating with a run time meter and using monthly fuel use records maintained for each engine per 30 TAC §§ 117.340(a)(2)(C) or 117.440(a)(2)(C) [Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour Ozone Nonattainment Areas only]
X40A2-D	The unit is equipped with a continuous monitoring system that continuously monitors horsepower and hours of operation per 30 TAC §§ 117.140(a)(2)(D), 117.340(a)(2)(D) or 117.440(a)(2)(D).

★ **Complete “CO Emission Limitation” only for SOP applications.**

**CO Emission Limitation:**

Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable CO emission specifications of 30 TAC Chapter 117. Select one of the following options. Enter the code on the form.

For SRIC engines located in the Beaumont/Port Arthur Ozone Nonattainment Areas:

<b>Code</b>	<b>Description</b>
105	Title 30 TAC § 117.105(d) or (e) [relating to Emissions Specifications for Reasonably Available Control Technology]
ACSS	Engine is complying with an Alternative Case Specific Specification under 30 TAC § 117.125(a)

For SRIC engines located in the Houston/Galveston/Brazoria Ozone Nonattainment Area:

<b>Code</b>	<b>Description</b>
310C	Title 30 TAC § 117.310(c)(1) 400 ppmv option
310CG	Title 30 TAC § 117.310(c)(1) 3 g/HP-hr option
ACSS	Engine is complying with an Alternative Case Specific Specification under 30 TAC § 117.325(a)

For SRIC engines located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area:

Code	Description
410C	Title 30 TAC § 117.410(c)(1) [relating to Emission Specifications for Eight-Hour Attainment Demonstration]
405D	Title 30 TAC § 117.405(d)(1) [relating to Emission Specifications for Eight-Hour Attainment Demonstration]
ACSS	Engine is complying with an Alternative Case Specific Specification under 30 TAC § 117.425(a)

#### CO Averaging Method:

Select one of the following options for the method used to comply with the applicable emission limitation. Enter the code on the form.

Code	Description
30D	Complying with the applicable emission limit using a 30-day rolling average
1HR	Complying with the applicable emission limits using a block one-hour average

#### CO Monitoring System:

Select one of the following options to indicate how the unit is monitored for CO exhaust emissions. Enter the code on the form.

Code	Description
CEMS	Continuous emissions monitoring system complying
PEMS	Predictive emissions monitoring system complying
OTHER	Other than CEMS or PEMS

★ **Complete “NH<sub>3</sub> Emission Limitation” only for SOP applications and only if “NO<sub>x</sub> Reduction” is “POST1.”**

#### NH<sub>3</sub> Emission Limitation:

Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable NH<sub>3</sub> emission specifications of 30 TAC Chapter 117. Select one of the following options. Enter the code on the form.

For SRIC engines located in the Beaumont/Port Arthur Ozone Nonattainment Areas:

Code	Description
105	Title 30 TAC §§ 117.105(g) [relating to Emissions Specifications for Reasonably Available Control Technology]
ACSS	Engine is complying with an Alternative Case Specific Specification under 30 TAC § 117.125(a)

For SRIC engines located in the Houston/Galveston/Brazoria Ozone Nonattainment Area:

Code	Description
310C	Title 30 TAC § 117.310(c)(2) [relating to Emission Specifications for Attainment Demonstration]
ACSS	Engine is complying with an Alternative Case Specific Specification under 30 TAC § 117.325(a)

For SRIC engines located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area:

Code	Description
410C	Title 30 TAC § 117.410(c)(2) [relating to Emission Specifications for Attainment Demonstration] (use for engines in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area)
405D	Title 30 TAC § 117.405(d)(2) [relating to Emission Specifications for Attainment Demonstration] (use for engines in Wise County in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area)
ACSS	Engine is complying with an Alternative Case Specific Specification under 30 TAC § 117.425(a)

*Note: If using some other alternative, such as an alternate reasonably available control technology, alternate means of control, or emission reduction credit, the type of alternate used will need to be explained in a cover letter or some other attachment to the permit application.*

**NH<sub>3</sub> Monitoring:**

Select one of the following options to indicate how the unit is monitored for NH<sub>3</sub> emissions. Enter the code on the form.

Code	Description
CEMS	Continuous emissions monitoring system
PEMS	Predictive emissions monitoring system
MBAL	Mass balance
OXY	Oxidation of ammonia to nitric oxide (NO)
STUBE	Stain tube

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**Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**

★ **Complete this table for all stationary Reciprocating Internal Combustion Engines (RICE) in GOP and SOP applications that are not being tested at a stationary RICE test cell:**

**Unit ID No.:**

Enter the identification number (ID No.) for the stationary reciprocating internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**HAP Source:**

Select one of the following options to describe the HAP source classification

Code	Description
MAJOR	The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2
AREA	The site is an area source of hazardous air pollutants as defined in 40 CFR § 63.2

**Brake HP:**

Select one of the following options to indicate the brake horsepower (HP). Enter the code on the form.

Code	Description
100-	Stationary RICE with a brake HP less than 100 HP
100-250	Stationary RICE with a brake HP greater than or equal to 100 and less than 250 HP
250-300	Stationary RICE with a brake HP greater than or equal to 250 HP and less than 300 HP
300-500	Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP
500+	Stationary RICE with a brake HP greater than 500 HP
5000+	Stationary RICE with a brake HP of 5,000 HP or greater (use only for 4 stroke spark ignited richburn RICE)

**Construction/Reconstruction Date:**

Select one of the following options that describe the date of commencement of the most recent construction or reconstruction. Enter the code on the form.

Code	Description
02-	Commenced construction or reconstruction before December 19, 2002
02-06	Commenced construction or reconstruction on or after December 19, 2002, but before June 12, 2006

06+ Commenced construction or reconstruction on or after June 12, 2006

- ★ **Complete “Nonindustrial Emergency Engine” only if “HAP Source” is “AREA” and “Construction/Reconstruction Date” is “02-” or “02-06.”**

**Nonindustrial Emergency Engine:**

Enter “YES” if the Stationary RICE is defined in 40 CFR §63.6675 as a residential emergency RICE, a commercial emergency RICE, or an institutional emergency RICE. Otherwise, enter “NO.”

- ▼ **Do not continue if “HAP Source” is “AREA” and:**
- **“Construction/Reconstruction Date” is “06+,” or**
  - **“Nonindustrial Emergency Engine” is “YES.”**

**Service Type:**

Select one of the following options that describe the type of service the stationary RICE is used for. Enter the code on the form. Note: The provisions of 40 CFR §63.6640(f)(2)(ii) and (f)(2)(iii) for emergency engines have been vacated by the U.S. Court of Appeals for the District of Columbia Circuit.

<b>Code</b>	<b>Description</b>
FUEL	Combusts landfill or digester gas equivalent to 10 % or more of the gross heat input on an annual basis
LIM	Limited use
EMER-A	Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii)
EMER-B	Emergency use where the RICE operates for the purpose specified in 40 CFR §63.6640(f)(4)(ii) (Use only for RICE located at an area source)
BLSTRT	Black Start Use (use only for existing RICE, less than 500 HP, located at a major source; or existing RICE located at an area source)
NORMAL	Normal Use

- ▼ **Do not continue if “HAP Source” is “MAJOR” and:**
- **“Brake HP” is “500+” and “Service Type” is “LIM” or “EMER-A;” or**
  - **“Brake HP” is “500+” and “Construction/Reconstruction Date” is “02-,” and “Service Type” is “FUEL;” or**
  - **“Construction/Reconstruction Date” is “06+” and “Brake HP” is “100-,” “100-250,” “250-300,” or “300-500” and “Service Type” is “FUEL,” “LIM,” or “EMER-A,” or “EMER-B”.**

**Stationary Rice Type:**

Select one of the following options that describe the type of stationary RICE that you own or operate. Enter the code on the form.

<b>Code</b>	<b>Description</b>
2SLB	2 stroke spark ignited lean burn engine
4SLB	4 stroke spark ignited lean burn engine
4SLBR	remote 4 stroke spark ignited lean burn engine (use only for existing non-emergency, non-black start 4SLB with a site rating greater than 500 HP, located at an area source, that is a remote stationary RICE as defined in 40 CFR § 63.6675)
4SRB	4 stroke spark ignited rich burn engine
4SRBR	remote 4 stroke spark ignited rich burn engine (use only for existing non-emergency, non-black start 4SRB with a site rating greater than 500 HP, located at an area source, that is a remote stationary RICE as defined in 40 CFR § 63.6675)
CI	Compression ignition engine (use only for CI engines not meeting § 63.6603(d) or § 63.6603(e))
TIER1/2	Existing non-emergency CI RICE with a site rating of more than 300 HP located at an area source that is certified to the Tier 1 or Tier 2 emission standards electing to comply with the management practices as specified in 40 CFR § 63.6603(d)

**TIER3** Existing non-emergency CI RICE with a site rating of more than 300 HP located at an area source that is certified to the Tier 3 (Tier 2 for engines above 560 kilowatt (kW)) emission standards electing to comply with 40 CFR Part 60, Subpart IIII

- ▼ **Do not continue if “HAP Source” is “MAJOR” and “Construction/Reconstruction Date” is “06+” and “Service Type” is “NORMAL,” and:**
  - “Brake HP” is “100-,” “100-250,” “250-300,” or “300-500” and “Stationary RICE Type” is “2SLB,” “4SRB,” or “CI;” or
  - “Brake HP” is “100-” or “100-250” and “Stationary RICE Type” is “4SLB.”
- ▼ **Do not continue if “HAP Source” is “MAJOR” and “Construction/Reconstruction Date” is “02-” and “Brake HP” is “500+” and “Stationary RICE Type” is “2SLB” or “4SLB.”**
- ▼ **Do not continue if “HAP Source” is “MAJOR” and “Construction/Reconstruction Date” is “02-” or “02-06” and:**
  - “Service Type” is “BLSTRT,” “EMER-A,” or “EMER-B” and “Brake HP” is “100-,” “100-250,” “250-300,” or “300-500;” or
  - “Brake HP” is “100-” and “Service Type” is “LIM,” “NORMAL,” or “FUEL.”
- ▼ **Do not continue if “HAP Source” is “AREA” and:**
  - “Service Type” is “BLSTRT;” or
  - “Service Type” is “LIM” or “NORMAL,” and “Stationary RICE Type” is “CI,” and “Brake HP” is “100-,” “100-250,” or “250-300;” or
  - “Service Type” is “LIM” or “NORMAL,” and “Stationary RICE Type” is “2SLB;” or
  - “Service Type” is “LIM” or “NORMAL,” and “Stationary RICE Type” is “4SRB” or “4SLB” and “Brake HP” is “100-,” “100-250,” “250-300,” or “300-500;” or
  - “Brake HP” is “500+,” and “Service Type” is “LIM” or “NORMAL,” and “Stationary RICE Type” is “4SLBR” or “4SRBR;” or
  - “Service Type” is “EMER-A,” and “Stationary RICE Type” is “CI,” and “Brake HP” is “100-,” “100-250,” “250-300,” “300-500,” or “500+;” or
  - “Service Type” is “EMER-A” or “EMER-B,” and “Stationary RICE Type” is “2SLB” or “4SLB” or “4SRB,” and “Brake HP” is “100-,” “100-250,” “250-300,” “300-500,” or “500+;” or
  - “Service Type” is “FUEL.”
- ▼ **Do not continue if “HAP Source” is “MAJOR” and Construction/Reconstruction Date” is “02-,” 02-06,” or “06+,” and “Brake HP” is “500+,” and “Stationary RICE Type” is “2SLB,” “4SRB,” or “4SLB,” and “Service Type” is “EMER-B.”**
- ★ **“HAP Source is “MAJOR” and Construction/Reconstruction Date” is “02-,” 02-06,” or “06+,” and “Brake HP” is “500+,” and “Stationary RICE Type” is “CI,” and “Service Type” is “EMER-B,” complete “Displacement” on Table 2b only. No further information is required.**
- ★ **HAP Source” is “AREA” and Construction/Reconstruction Date” is “02-” or “02-06,” and “Brake HP” is “100-250” or “100-250” or “250-300” or “300-500” or “500+,” and “Stationary RICE Type” is “CI,” and “Service Type” is “EMER-B,” complete “Displacement” on Table 2b only. No further information is required.**



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**Table 2b:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
 

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**Unit ID No.:**

Enter the identification number (ID No.) for the stationary reciprocating internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

- ★ Complete “Manufacture Date” only if “Stationary RICE Type” is “4SLB” and “Brake HP” is “250-300” or “300-500” and “Construction/Reconstruction Date” is “06+.”

**Manufacture Date:**

Enter “YES” if the stationary RICE was manufactured on or after January 1, 2008. Otherwise, enter “NO.”

- ▼ Do not continue if “Manufacture Date” is “NO.”

- ★ Complete “Operating Hours” only if “HAP Source” is “AREA” and “Stationary RICE Type” is “4SLB” or “4SRB,” and “Brake HP” is “500+.”

**Operating Hours:**

Enter “YES” if the stationary RICE is operated less than 24 hours per calendar year. Otherwise, enter “NO.”

- ▼ Do not continue if “Operating Hours” is “YES.”

**Different Schedule:**

Enter “YES” if the Administrator has approved a different schedule for the submission of reports under 40 CFR § 63.10(a). Otherwise, enter “NO.”

- ▼ Do not continue if “HAP Source” is “MAJOR” and “Service Type” is “FUEL.”

**Emission Limitation:**

Select one of the following options for compliance with the emission limitations. Enter the code on the form.

Code	Description
76+	Reducing formaldehyde emission by 76% or greater (use for richburn, spark ignited engines)
76+THC	Complying with reducing formaldehyde emissions by 76% or greater by testing for THC instead of formaldehyde. Average reduction of THC emissions is 30% or greater. (use for non-emergency 4SRB RICE)
REDCO	Reducing carbon monoxide emissions from the stationary RICE
LIMCO	Limiting the concentration of carbon monoxide in the stationary RICE exhaust
CONC	Limiting formaldehyde concentration from the stationary RICE exhaust
REDTHC	Reducing THC emissions from the stationary RICE

- ▼ Continue only for SOP applications.

- ★ Complete “Displacement” and “Crankcase” only if “Service Type” is “NORMAL” or “LIM,” “Stationary RICE Type” is “CI,” “Brake HP” is “300-500” or “500+” and “Construction/Reconstruction Date” is “02-” or “02-06.”

- ★ Complete “Displacement” only if “Service Type” is “EMER-B,” “Stationary RICE Type” is “CI,” “Brake HP” is “100-250,” “250-300,” “300-500” or “500+” and “Construction/Reconstruction Date” is “02-,” “02-06” or “06+.”

**Displacement:**

Enter “YES” if the stationary CI RICE has a displacement of less than 30 liters per cylinder and uses diesel fuel. Otherwise, enter “NO.”

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**Table 2c:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

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**Unit ID No.:**

Enter the identification number (ID No.) for the stationary reciprocating internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Crankcase:**

Enter “YES” if the stationary CI RICE is equipped with a closed crankcase ventilation system. Otherwise, enter “NO.”

**Performance Test:**

Enter “YES” if a performance test has been previously conducted that meets the conditions in 40 CFR § 63.6610(d)(1)-(5) or § 63.6612(b)(1)-(4). Otherwise, enter “NO.”

**Control Technique:**

Select one of the following options to indicate the type of control device used. Enter the code on the form.

For 4 strokes spark ignited rich burn engines (4 SRB):

Code	Description
NSCR	Non-selective catalytic reduction
OTHER1	Control technique other than non-selective catalytic reduction

For 2 strokes spark ignited lean burn engines (2 SLB), 4 strokes spark ignited lean burn engines (4 SLB), and compression ignition engines (CI):

Code	Description
OXCAT	Oxidation catalyst
OTHER2	Control technique other than an oxidation catalyst

- ★ Complete “Operating Limits” only if “Control Technique” is “OTHER1” or “OTHER2.”

**Operating Limits:**

Enter “YES” if the Administrator has been petitioned to establish operating limitations during the initial performance test. Otherwise, enter “NO.”

**Monitoring System:**

Select one of the following options to indicate the type of monitoring used. Enter the code on the form.

<b>Code</b>	<b>Description</b>
CEMS	Continuous emission monitoring system
CPMS	Continuous parameter monitoring system
OTHER	The owner or operator has chosen to use a monitoring system that is not a CEMS or CPMS.
SHUT1	The owner or operator has installed a system to shutdown the engine when the catalyst inlet temperature exceeds 1350°F (use only for existing non-emergency, non-remote 4SLB engines greater than 500 brake HP located at an area source)
SHUT2	The owner or operator has installed a system to shutdown the engine when the catalyst inlet temperature exceeds 1250°F (use only for existing non-emergency, non-remote 4SRB engines greater than 500 brake HP located at an area source)

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**Table 3:** Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117),  
Subchapter E: Multi-Region Combustion Control, Division 4: East Texas Combustion

- ★ Complete Table 3 only for stationary, gas-fired reciprocating internal combustion engines.
- ★ Complete Table 3 only for facilities located in Anderson, Brazos, Burleson, Camp, Cass, Cherokee, Franklin, Freestone, Gregg, Grimes, Harrison, Henderson, Hill, Hopkins, Hunt, Lee, Leon, Limestone, Madison, Marion, Morris, Nacogdoches, Navarro, Panola, Rains, Robertson, Rusk, Shelby, Smith, Titus, Upshur, Van Zandt, and Wood Counties.

**Unit ID No.:**

Enter the identification number (ID No.) for the stationary reciprocating internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Unit Type:**

Select one of the following options that describes the unit type. Enter the code on the form.

<b>Code</b>	<b>Description</b>
240-	The engine has a maximum rated horsepower capacity less than 240 HP.
RESEARCH	The engine is use for research and testing.
PERFV	The engine is used for purposes of performance verification and testing.
START	The engine is used solely to power other engines or gas turbines during startup.
EMERG	The engine is operated exclusively in emergency situations, except that operation for testing or maintenance purposes is allowed for up to 100 hours per year, based on a rolling 12-month average
DISASTER	The engine is used in response to and during the existence of any officially declared disaster or state of emergency.
AG	The engine is used directly and exclusively by the owner or operator for agricultural operations necessary for the growing of crops or raising of fowl or animals.
DIESEL	The engine is a diesel engine.
DUAL	The engine is a dual-fuel engine.
LEANBN	The engine is a gas-fired lean burn engine
NONE	The unit does not qualify for any exemptions under the rule.

▼ **Continue only if “Unit Type” is “NONE.”****Horsepower Rating:**

Select one of the following options to indicate the horsepower (HP). Enter the code on the form.

Code	Description
500-	Stationary gas-fired rich-burn RICE with a HP less than 500 HP.
500+	Stationary gas-fired rich-burn RICE with a HP equal to or greater than 500 HP.

★ **Complete “Landfill” only if “Horsepower Rating” is “500+.”****Landfill:**

Enter “YES” if the gas-fired rich-burn engine is fired on landfill gas. Otherwise, enter “NO.”

**Control Operations:**

Select one of the following options to indicate NO<sub>x</sub> operational control requirements. Enter the code on the form.

Code	Description
POST1	Post combustion control technique with urea or ammonia injection
POST2	Post combustion control technique with chemical reagent other than urea or ammonia
NSCR	The engine is controlled with nonselective catalytic reduction.
NONE	The engine is not using any of the above control operations.

**NO<sub>x</sub> and O<sub>2</sub> Monitoring:**

Select one of the following options to indicate NO<sub>x</sub> and O<sub>2</sub> monitoring used. Enter the code on the form.

Code	Description
CEMSNOX	The engine is using a CEMS to monitor NO <sub>x</sub> emissions
PEMSNOX	The engine is using a PEMS to monitor NO <sub>x</sub> emissions.
CEMSBOTH	The engine is using a CEMS to monitor both NO <sub>x</sub> and O <sub>2</sub> emissions.
NONE	The engine is not using any of the above methods (unit is complying with § 117.3330(b)(3) monitoring).

**Ammonia Use:**

Enter “YES” if urea or ammonia injection is used to control NO<sub>x</sub> emissions. Otherwise, enter “NO.”

▼ **Continue only if “Ammonia Use” is “YES.”****NH<sub>3</sub> Emission Limitation:**

Title 30 TAC Chapter 117 provides two methods to be in compliance with the applicable NH<sub>3</sub> limitation standards listed in 30 TAC Chapter 117, Subchapter E. Select one of the following options. Enter the code on the form.

Code	Description
3310	Title 30 TAC § 117.3310(e) [relating to Emission Specifications for Eight-Hour Attainment Demonstration]
ACSS	Unit is complying with an Alternative Case Specific Specification under 30 TAC § 117.3325

**Ammonia Monitoring:**

Select one of the following options that describes the ammonia monitoring used. Enter the code on the form.

Code	Description
CEMS	A continuous emissions monitoring system is used to monitor ammonia emissions.
PEMS	A parametric emissions monitoring system is used to monitor ammonia emissions.
MBAL	Mass balance
OXY	Oxidation of ammonia to nitric oxide (NO)
STUBE	Stain tube

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**Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines**


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**Unit ID No.:**

Enter the identification number (ID No.) for the stationary spark ignited internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Construction/Reconstruction/Modification Date:**

Enter "YES" if you own or operate a stationary spark ignition (SI) internal combustion engine (ICE) that commenced construction, reconstruction, or modification after June 12, 2006.

▼ **Do not continue if "Construction/Reconstruction/Modification Date" is "NO."**

**Test Cell:**

Enter "YES" if the SI ICE is being tested at an engine test cell/stand. Otherwise, enter "NO."

▼ **Do not continue if "Test Cell" is "YES."**

**Exemption:**

Select one of the following codes if the SI ICE is exempt from the requirements of NSPS JJJJ as described in 40 CFR Part 1068, Subpart C or 40 CFR Parts 90 and 1048. *Owners and operator, as well as manufactures may be eligible to request an exemption for national security.*

Code	Description
EXEMPT	The SI ICE is exempt as described in 40 CFR Part 1068 Subpart C or 40 CFR Parts 90 and 1048, OR due to national security
NONE	The SI ICE is not exempt

▼ **Do not continue if "Exemption" is "EXEMPT."**

**Temporary Replacement:**

Enter "YES" if the SI ICE is acting as a temporary replacement and is located at a stationary source for less than 1 year and has been properly certified to the standards that would be applicable to such engines under the appropriate non-road engine provisions. Otherwise, enter "NO."

▼ **Do not continue if "Temporary Replacement" is "YES."**

**Horsepower:**

Select one of the following options to indicate the maximum engine power in horsepower (HP). Enter the code on the form.

For SI ICE that are emergency use only

Code	Description
25-E	Maximum engine power less than or equal to 25 HP
25-100E	Maximum engine power greater than 25 HP and less than or equal to 100 HP
100-130E	Maximum engine power greater than 100 HP and less than 130 HP
130-500E	Maximum engine power greater than or equal to 130 HP and less than 500 HP
500+E	Maximum engine power greater than or equal to 500 HP

For SI ICE that are non-emergency use only

Code	Description
25-	Maximum engine power less than or equal to 25 HP
25-100	Maximum engine power greater than 25 HP and less than 100 HP
100-500	Maximum engine power greater than or equal to 100 HP and less than 500 HP
500-1350	Maximum engine power greater than or equal to 500 HP and less than 1350 HP
1350+	Maximum engine power greater than or equal to 1350 HP

#### Fuel:

Select one of the following options to indicate what fuel the SI ICE is using. Enter the code on the form.

Code	Description
GASO	SI ICE that uses gasoline
NATGAS	SI ICE that uses natural gas
RBLPG	SI ICE that is a rich-burn engine that uses liquefied petroleum gas (LPG)
LBLPG	SI ICE that is a lean-burn engine that uses liquefied petroleum gas (LPG)
LAND	SI ICE that is a landfill/digester gas engine
WELL	SI ICE that is a wellhead gas engine that cannot meet natural gas emission limits (use only for SOP applications and only if you are petitioning the EPA per § 60.4233(g); otherwise use "NATGAS")

★ Complete "AEL No." only if "FUEL" is "WELL."

#### AEL No.:

Enter the date of the Alternative Emission Limit approval letter from the EPA.

▼ Do not continue if "Fuel" is "WELL."

★ Complete "Lean Burn" only if BOTH of the following conditions are met:

- "Fuel" is "NATGAS" or "LAND" or "LBLPG;" and
- "Horsepower" is "500-1350."

#### Lean Burn:

Enter "YES" if the SI ICE is a lean-burn engine. Otherwise, enter "NO."

#### Commencing:

Select one of the following options to indicate the type of construction the SI ICE is commencing. Enter the code on the form.

Code	Description
CON	SI ICE was newly constructed after 06/12/2006
MOD	SI ICE was modified after 06/12/2006 (per §60.14)
RECON	SI ICE was reconstructed after 06/12/2006 (per §60.15)

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### **Table 4b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines**

#### Unit ID No.:

Enter the identification number (ID No.) for the stationary spark ignited internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).



**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Manufacture Date:**

Select one of the following options to indicate the date of manufacture of the SI ICE. Enter the code on the form. Please read each date and be careful in choosing the correct date code as each code is very specific to a certain type of SI ICE.

For SI ICE that is commencing *New Construction Only*

For SI ICE that is less than or equal to 25 HP (emergency or non-emergency)

Code	Description
N25-0708-	Date of manufacture is prior to July 1, 2008 (use for any cc)
N25-1211-	Date of manufacture is on or after July 1, 2008 to December 31, 2011 (use only for SI ICE that is less than 225cc)
N25-0112+	Date of manufacture is on or after January 1, 2012 (use only for SI ICE that is less than 225cc)
N25-1210-	Date of manufacture is on or after July 1, 2008 to December 31, 2010 (use only for SI ICE that is greater than or equal to 225cc)
N25-0111+	Date of manufacture is on or after January 1, 2011 (use only for SI ICE that is greater than or equal to 225cc)

For SI ICE that is greater than 25 HP (non-emergency only)

Code	Description
N0708-	Date of manufacture is prior to July 1, 2008 (use only for SI ICE that is less than 500 HP)
N0708+	Date of manufacture is on or after July 1, 2008 (use only for SI ICE that is less than 100 HP)
N08-10	Date of manufacture is on or after July 1, 2008 to December 31, 2010 (use only for SI ICE that is greater than or equal to 100 HP and less than 500 HP)
N0111+	Date of manufacture is on or after January 1, 2011 (use only for SI ICE that is greater than or equal to 100 HP and less than 500 HP)
N0707-	Date of manufacture is prior to July 1, 2007 (use only for SI ICE that is greater than or equal to 500 HP; except lean-burn SI ICE greater than or equal to 500 HP and less than 1350 HP)
N0108-	Date of manufacture is prior to January 1, 2008 (use only if "Lean Burn" is "YES")
N07-0610-	Date of manufacture is on or after July 1, 2007 to June 30, 2010 (use only for SI ICE that is greater than or equal to 500 HP; except lean-burn SI ICE greater than or equal to 500 HP and less than 1350 HP; as stated in Table 1 of 40 CFR 60 Subpart JJJJ)
N08-0610-	Date of manufacture is on or after January 1, 2008 to June 30, 2010 (use only if "Lean Burn" is "YES")
N0710+	Date of manufacture is on or after July 1, 2010 (use only for SI ICE that is greater than or equal to 500HP as stated in Table 1 of 40 CFR 60 Subpart JJJJ)
N08-	Date of manufacture is on or after July 1, 2007 to July 1, 2008 (use only if "Fuel" is "GASO" or "RBLPG" and SI ICE is greater than or equal to 500 HP) [as stated in § 60.4243(h)]
N08+	Date of manufacture is on or after July 1, 2008 (use only if "Fuel" is "GASO" or "RBLPG" and SI ICE is greater than or equal to 500 HP) [as stated in § 60.4243(h)]

For SI ICE that is greater than 25 HP (emergency only)

Code	Description
N0109-E	Date of manufacture is prior to January 1, 2009
N0109+E	Date of manufacture is on or after January 1, 2009 (use only for SI ICE that is greater than 25 HP and less than 130 HP)

N09-10E	Date of manufacture is on or after January 1, 2009 to December 31, 2010 (use only for SI ICE that is greater than or equal to 130 HP and less than 500 HP)
N0111+E	Date of manufacture is on or after January 1, 2011 (use only for SI ICE that is greater than or equal to 130 HP and less than 500 HP)
N09-610-E	Date of manufacture is on or after January 1, 2009 to June 30, 2010 (use only for SI ICE that is greater than or equal to 500 HP)
N0710+E	Date of manufacture is on or after July 1, 2010 (use only for SI ICE that is greater than or equal to 500HP)

For SI ICE that is commencing **Modification or Reconstruction Only**

For SI ICE that is less than or equal to 25 HP (emergency or non-emergency)

Code	Description
R25-0112-	Date of manufacture of SI ICE is prior to January 1, 2012(use only for SI ICE that is less than 225cc)
R25-0112+	Date of manufacture of SI ICE is on or after January 1, 2012(use only for SI ICE that is less than 225cc)
R25-0111-	Date of manufacture of SI ICE is prior to January 1, 2011(use only for SI ICE that is greater than or equal to 225cc)
R25-0111+	Date of manufacture of SI ICE is on or after January 1, 2011(use only for SI ICE that is greater than or equal to 225cc)

For SI ICE that is greater than 25 HP (non-emergency only)

Code	Description
R0708-	Date of manufacture is prior to July 1, 2008 (use only for SI ICE that is less than 500 HP)
R0708+	Date of manufacture is on or after July 1, 2008 (use only for SI ICE that is less than 500 HP)
R0707-	Date of manufacture is prior to July 1, 2007(use only for SI ICE that is greater than or equal to 500 HP; except lean-burn SI ICE greater than or equal to 500 HP and less than 1350 HP)
R0707+	Date of manufacture is on or after July 1, 2007 (use only for SI ICE that is greater than or equal to 500 HP; except lean-burn SI ICE greater than or equal to 500 HP and less than 1350 HP)
R0108-	Date of manufacture is prior to January 1, 2008 (use only if "Lean Burn" is "YES")
R0108+	Date of manufacture is on or after January 1, 2008 (use only if "Lean Burn" is "YES")

For SI ICE that is greater than 25 HP (emergency only)

Code	Description
R0708-E	Date of manufacture is prior to July 1, 2008 (use only for SI ICE that is less than 130 HP)
R0708+E	Date of manufacture is on or after July 1, 2008 (use only for SI ICE that is less than 130 HP)
R0109-E	Date of manufacture is prior to January 1, 2009(use only for SI ICE that is greater than or equal to 130 HP and less than 500 HP)
R09-10E	Date of manufacture is on or after January 1, 2009 to December 31, 2010 (use only for SI ICE that is greater than or equal to 130 HP and less than 500 HP)
R0111+E	Date of manufacture is on or after January 1, 2011 (use only for SI ICE that is greater than or equal to 130 HP and less than 500 HP)
R09-610-E	Date of manufacture is on or after January 1, 2009 to June 30, 2010 (use only for SI ICE that is greater than or equal to 500HP)
R0710+E	Date of manufacture is on or after July 1, 2010 (use only for SI ICE that is greater than or equal to 500HP)

▼ Do not continue if "Manufacture Date" is "N25-0708-," "N0708-," "N0707-," "N0109-E," or "N0108-."

★ Complete "Displacement" only if "Horsepower" is "25-" or "25-E."

#### Displacement:

Select one of the following options to indicate the engine displacement in cubic centimeters (cc). Enter the code on the form.



Code	Description
66-	Engine displacement is less than 66cc
66-100	Engine displacement is greater than or equal to 66cc and less than 100cc
100-225	Engine displacement is greater than or equal to 100cc and less than 225cc
225+	Engine displacement is greater than or equal to 225cc

★ **Complete “Certified” only if “Commencing” is “CON.”**

**Certified:**

Enter “YES” if you purchased a certified SI ICE. Otherwise, enter “NO.”

★ **Complete “Operation” only if “Certified” is “YES.”**

**Operation:**

Enter “YES” if you are operating and maintaining the certified SI ICE and control device according to manufacturer’s written instructions. Otherwise, enter “NO.”

★ **Complete “Certified Modification” only if “Commencing” is “MOD” or “RECON.”**

**Certified Modification:**

Enter “YES” if you purchased, or otherwise own/operate, a modified/reconstructed SI ICE that is certified. Otherwise, enter “NO.”

**Service:**

Select one of the following options to indicate what type of service the SI ICE is performing. Enter the code on the form.

Code	Description
EMERG	SI ICE is an emergency engine
NON	SI ICE is a non-emergency engine

★ **Complete “Severe Duty” only if either of the following conditions are met:**

- “Fuel” is “GASO” or “RBLPG,” and “Service” is “NON,” and “Horsepower” is greater than 25 HP; or
- “Fuel” is not “GASO” or “RBLPG” and “Service” is “NON,” and “Horsepower” is “25-100.”

**Severe Duty:**

Enter “YES” if the SI ICE is a severe-duty engine. Otherwise, enter “NO.”

★ **Complete “Optional Compliance” only if “Horsepower” is “500-1350” or “1350+” and “Fuel” is “GASO” or “RBLPG” and “Manufacture Date” is “N08-”.**

**Optional Compliance:**

Select one of the following options to indicate the optional compliance requirements you are choosing to perform.

Code	Description
PURCH	Choosing to purchase an engine certified according to 40 CFR Part 1048 and install and configure the engine according to manufacturer’s specifications.
RECORD	Choosing to keep records as indicated in § 60.4243(h)(1), (h)(2), or (h)(3)

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**Table 5a:** Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart III: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

**Unit ID No.:**

Enter the identification number (ID No.) for the stationary compression ignition internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60III-XX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Applicability Date:**

Select one of the following options to indicate the construction, reconstruction, or modification date of the stationary compression ignition (CI) internal combustion engine (ICE). Enter the code on the form.

Code	Description
2005+	Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005
2005-	Stationary CI ICE commenced construction, reconstruction, or modification on or before 07/11/2005

▼ **Do not continue if “Applicability Date” is “2005-.”****Exemptions:**

Select one of the following options to indicate which exemption could apply to the CI ICE. Enter the code on the form.

Code	Description
TEST	The CI ICE is being tested at an engine test cell/stand
NATSEC	The CI ICE is exempt due to national security
TEMP	The CI ICE is acting as a temporary replacement and is located at a stationary source for less than 1 year and has been properly certified to the standards that would be applicable to such engines under the appropriate non-road engine provisions
NONE	The CI ICE is not eligible for any of these exemptions

▼ **Continue only if “Exemptions” is “NONE.”****Service:**

Select one of the following options to indicate what type of service the CI ICE is performing. Enter the code on the form.

Code	Description
NON	CI ICE is a non-emergency engine
EMERG	CI ICE is an emergency engine
FIRE	CI ICE is a fire-pump engine (an emergency engine certified to National Fire Protection Association requirements)

**Commencing:**

Select one of the following options to indicate what type of construction occurred after 07/11/2005. Enter the code on the form.

Code	Description
CON	CI ICE was newly constructed after 07/11/2005
MOD	CI ICE was modified after 07/11/2005 (per §60.14)
RECON	CI ICE was reconstructed after 07/11/2005 (per §60.15)

★ **Complete “Manufacture Date” only if “Commencing” is “CON.”****Manufacture Date:**

Select one of the following options to indicate when the CI ICE was manufactured. Enter the code on the form.

For CI ICE for which “Service” is “NON” or “EMERG”

Code	Description
0406-	Date of manufacture was on or prior to 04/01/2006.
0406+	Date of manufacture was after 04/01/2006.

For CI ICE for which “Service” is “FIRE”

Code	Description
0706-	Date of manufacture was on or prior to 07/01/2006.
0706+	Date of manufacture was after 07/01/2006.

▼ **Do not continue if “Manufacture Date” is “0406-” or “0706-.”**

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**Table 5b:** Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart III: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

**Unit ID No.:**

Enter the identification number (ID No.) for the stationary compression ignition internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60III-XX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Diesel:**

Select one of the following codes to indicate fuel being used. Enter the code on the form.

Code	Description
DIESEL	Diesel fuel is used
AES	Alternative Emission Standard has been approved by the EPA Administrator

★ **Complete “AES No.” only if “Diesel” is “AES.”**

**AES No.:**

If an AES has been approved by the EPA administrator, enter the corresponding AES unique identifier for each unit (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the AES approval letter in the table column. The unique identifier and/or the date of the approval letter are contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

▼ **Do not continue if “Diesel” is “AES.”**

**Displacement:**

Select one of the following options to indicate the displacement of the CI ICE (expressed in liters per cylinder). Enter the code on the form.

Code	Description
10-CS	Displacement is less than 10 liters per cylinder and is a constant-speed engine. <i>(Use only if “Service” is “NON” or “EMERG.”)</i>
10-	Displacement is less than 10 liters per cylinder.
10-15	Displacement is greater than or equal to 10 and less than 15 liters per cylinder.
15-20	Displacement is greater than or equal to 15 and less than 20 liters per cylinder.
20-25	Displacement is greater than or equal to 20 and less than 25 liters per cylinder.
25-30	Displacement is greater than or equal to 25 and less than 30 liters per cylinder.
30+	Displacement is greater than or equal to 30 liters per cylinder.

★ **Complete “Generator Set” only if “Service” is “NON” and “Displacement” is “10-.”**

**Generator Set:**

Enter “YES” if the CI ICE is a generator set engine. Otherwise, enter “NO.”

★ Do not complete “Model Year” if “Displacement” is “30+.”

**Model Year:**

Select one of the following options to indicate what model year the CI ICE was manufactured in. Enter the code on the form.

Code	Description
2007-	CI ICE was manufactured prior to model year 2007.
2007	CI ICE was manufactured in model year 2007.
2008	CI ICE was manufactured in model year 2008.
2009	CI ICE was manufactured in model year 2009.
2010	CI ICE was manufactured in model year 2010.
2011	CI ICE was manufactured in model year 2011.
2012	CI ICE was manufactured in model year 2012.
2013	CI ICE was manufactured in model year 2013.
2014	CI ICE was manufactured in model year 2014.
2015	CI ICE was manufactured in model year 2015.
2016	CI ICE was manufactured in model year 2016.
2017+	CI ICE was manufactured in model year 2017 or later.

★ Complete “Install Date” only if “Displacement” is “30+.”

**Install Date:**

Select one of the following options to indicate what year the CI ICE was installed. Enter the code on the form.

Code	Description
2012-	The CI ICE was installed prior to 2012.
2012+	The CI ICE was installed in 2012 or later (use only if “Service” is “EMERG” or “FIRE”).
2012-2015	The CI ICE was installed in 2012 through 2015.
2016+	The CI ICE was installed in 2016 or later.

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**Table 5c:** Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

**Unit ID No.:**

Enter the identification number (ID No.) for the stationary compression ignition internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60IIII-XX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

★ Do not complete “Kilowatts” if “Displacement” is “30+.”

**Kilowatts:**

Select one of the following options to indicate the power rating of the CI ICE expressed in Kilowatts (KW). Enter the code on the form.

For non-emergency and emergency (NOT fire pump) CI ICE manufactured prior to model year 2007

<b>Code</b>	<b>Description</b>
8-	Power rating is less than 8 KW.
8-19	Power rating is greater than or equal to 8 KW and less than 19 KW.
19-37	Power rating is greater than or equal to 19 KW and less than 37 KW.
37-75	Power rating is greater than or equal to 37 KW and less than 75 KW.
75-130	Power rating is greater than or equal to 75 KW and less than 130 KW.
130-2237	Power rating is greater than or equal to 130 KW and less than or equal to 2237 KW.
2237+	Power rating is greater than or equal to 2237 KW.

For non-emergency CI ICE manufactured in model year 2007 and later

For CI ICE with a displacement less than 10 liters per cylinder

<b>Code</b>	<b>Description</b>
N8-	Power rating is less than 8 KW.
N8-19	Power rating is greater than or equal to 8 KW and less than 19 KW.
N19-37	Power rating is greater than or equal to 19 KW and less than 37 KW.
N37-56	Power rating is greater than or equal to 37 KW and less than 56 KW.
N56-75	Power rating is greater than or equal to 56 KW and less than 75 KW.
N75-130	Power rating is greater than or equal to 75 KW and less than 130 KW.
N130-368	Power rating greater than or equal to 130 KW and less than or equal to 368 KW.
N368-560	Power rating is greater than 368 KW and less than 560 KW.
N560-900	Power rating greater than or equal to 560 KW and less than or equal to 900 KW.
N900-2237	Power rating is greater than 900 KW and less than or equal to 2237 KW.
N2237+	Power rating is greater than 2237 KW.

For CI ICE with a displacement greater than or equal to 10 and less than 30 liters per cylinder

<b>Code</b>	<b>Description</b>
N368-3300	Power rating is greater than 368 KW and less than 3300KW (use only if “Displacement” is “15-20” and “Model Year” is “2007” through “2013”).
N3300+	Power rating is greater than or equal to 3300 KW (use only if “Displacement” is “15-20” and “Model Year” is “2007” through “2013”).
N75-	Power rating is less than 75 KW.
N75-368	Power rating is greater than or equal to 75 KW and less than or equal to 368 KW.
N368-600	Power rating is greater than 368 KW and less than 600 KW.
N600-1400	Power rating is greater than or equal to 600 KW and less than 1400 KW.
N1400-2000	Power rating is greater than or equal to 1400 KW and less than 2000 KW.
N2000-3700	Power rating is greater than or equal to 2000 KW and less than 3700 KW.
N3700+	Power rating is greater than or equal to 3700 KW.

For emergency (NOT fire pump) CI ICE manufactured in model year 2007 and later

For CI ICE with a displacement less than 10 liters per cylinder

<b>Code</b>	<b>Description</b>
E8-	Power rating is less than 8 KW.
E8-19	Power rating is greater than or equal to 8 KW and less than 19 KW.
E19-37	Power rating is greater than or equal to 19 KW and less than 37 KW.
E37-75	Power rating is greater than or equal to 37 KW and less than 75 KW.
E75-130	Power rating is greater than or equal to 75 KW and less than 130 KW.
E130-368	Power rating greater than or equal to 130 KW and less than or equal to 368 KW.
E368-560	Power rating greater than or equal to 368 KW and less than or equal to 560KW.
E560-2237	Power rating is greater than 560 KW and less than or equal to 2237 KW.
E2237+	Power rating is greater than 2237 KW.

For CI ICE with a displacement greater than or equal to 10 and less than 15 liters per cylinder

<b>Code</b>	<b>Description</b>
E75-	Power rating is less than 75 KW.
E75-368	Power rating is greater than or equal to 75 KW and less than or equal to 368 KW.
E368-600	Power rating is greater than 368 KW and less than 600 KW.
E600-1400	Power rating is greater than or equal to 600 KW and less than 1400 KW.
E1400-2000	Power rating is greater than or equal to 1400 KW and less than 2000 KW.
E2000-3700	Power rating is greater than or equal to 2000 KW and less than 3700 KW.
E3700+	Power rating is greater than or equal to 3700 KW.

For CI ICE with a displacement greater than or equal to 15 and less than 20 liters per cylinder

<b>Code</b>	<b>Description</b>
E368-3300	Power rating is greater than 368 KW and less than 3300 KW (use only if “Model Year” is 2013).
E75-	Power rating is less than 75 KW.
E75-368	Power rating is greater than or equal to 75 KW and less than or equal to 368 KW.
E368-600	Power rating is greater than 368 KW and less than 600 KW.
E600-1400	Power rating is greater than or equal to 600 KW and less than 1400 KW.
E1400-2000	Power rating is greater than or equal to 1400 KW and less than 2000 KW.
E2000-3300	Power rating is greater than or equal to 2000 KW and less than 3300 KW.
E3300+	Power rating is greater than or equal to 3300 KW.

For CI ICE with a displacement greater than or equal to 20 and less than 30 liters per cylinder

<b>Code</b>	<b>Description</b>
E75-	Power rating is less than 75 KW.
E75-368	Power rating is greater than or equal to 75 KW and less than or equal to 368 KW.
E368-600	Power rating is greater than 368 KW and less than 600 KW.
E600-1400	Power rating is greater than or equal to 600 KW and less than 1400 KW.
E1400-2000	Power rating is greater than or equal to 1400 KW and less than 2000 KW.
E2000+	Power rating is greater than or equal to 2000 KW.

For ALL fire pump CI ICE less than 30 liters per cylinder

<b>Code</b>	<b>Description</b>
F8-	Power rating is less than 8 KW.
F8-19	Power rating is greater than or equal to 8 KW and less than 19 KW.
F19-37	Power rating is greater than or equal to 19 KW and less than 37 KW.
F37-75	Power rating is greater than or equal to 37 KW and less than 75 KW.
F75-130	Power rating is greater than or equal to 75 KW and less than 130 KW.
F130-368	Power rating is greater than or equal to 130 KW and less than or equal to 368 KW.
F368-450	Power rating is greater than 368 KW and less than 450 KW.
F450-560	Power rating is greater than or equal to 450 KW and less than or equal to 560 KW.
F560+	Power rating is greater than 560 KW.

★ **Complete “Filter” only if “Service” is “NON.”**

**Filter:**

Enter “YES” if the CI ICE is equipped with a diesel particulate filter. Otherwise, enter “NO.”

★ **Complete “AECD” only if “Service” is “NON” or “EMERG.”**

**AECD:**

Enter “YES” if the CI ICE is equipped with auxiliary emission control devices (AECDs) pursuant to the requirements of 40 CFR 1039.665. Otherwise, enter “NO”.

★ **Complete “Standards” only if “Service” is “EMERG” or “FIRE.”**

**Standards:**

Enter “YES” if the emergency CI ICE meets the Tier 1, 2, 3, or 4 standards applicable to non-emergency engines (for the same KW and model year). Otherwise, enter “NO.”

**Compliance Option:**

Select one of the following options to indicate how compliance is being demonstrated. Enter the code on the form.

Select one of the following two options only if “Commencing” is “MOD” or “RECON.”

<b>Code</b>	<b>Description</b>
CERT	Engine certified to meet the emission standards in §60.4204(e) or §60.4205(f), as applicable.
NONCERT	Engine not certified to meet the emission standards in §60.4204(e) or §60.4205(f), as applicable.

Select one of the following five options only if “Commencing” is “CON:” **and**

- “Service” is “NON” or “EMERG” and “Displacement” is NOT “30+” and “Model Year” is “2007-”; **or**
- “Service” is “FIRE;” **and**
  - “Kilowatts” is “F8-”, “F8-19”, “F19-37”, or “F37-75” **and** “Model Year” is “2010” or prior; or
  - “Kilowatts” is “F75-130” **and** “Model Year” is “2009” or prior; or
  - “Kilowatts” is “F130-368”, “F368-450”, or “F450-560” **and** “Model Year” is “2008” or prior; or
  - “Kilowatts” is “F560+” **and** “Model Year” is “2007” or prior.

<b>Code</b>	<b>Description</b>
PURCH	Certified engine according to § 60.4211(b)(1).
SIMILAR	Records are kept on a similar engine according to § 60.4211(b)(2).
MDATA	Records are kept of manufacturer data according to § 60.4211(b)(3).
CDDATA	Records are kept of control device data according to § 60.4211(b)(4).
TEST	Performance test conducted according to § 60.4211(b)(5).

Select one of the following two options only if “Commencing” is “CON:” **and**

- “Service” is “NON” or “EMERG” and “Displacement” is **not** “30+” and “Model Year” is **not** “2007-”; **or**
- “Service” is “FIRE;” **and**
  - “Kilowatts” is “F8-”, “F8-19”, “F19-37”, or “F37-75” **and** “Model Year” is “2011” or later; **or**
  - “Kilowatts” is “F75-130” **and** “Model Year” is “2010” or later; **or**
  - “Kilowatts” is “F130-368”, “F368-450”, or “F450-560” **and** “Model Year” is “2009” or later; **or**
  - “Kilowatts” is “F560+” **and** “Model Year” is “2008” or later.

Code	Description
MANU YES	The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer’s emission-related written instructions.
MANU NO	The CI ICE and control device IS NOT installed, configured, operated, and maintained according to the manufacturer’s emission-related written instructions.

- ★ **Complete “PM Compliance” only if “Commencing” is “CON” and “Service” is “NON,” and “Displacement” is “30+.”**

#### PM Compliance:

Select one of the following options to indicate which Particulate Matter compliance option you are using. Enter the code on the form.

Code	Description
PM60	Particulate matter emissions are reduced by 60% or more
PM15	Particulate matter emissions are limited in the engine exhaust to 0.15 g/KW-hr

- ★ **Complete “Options” only if “Service” is “FIRE” and if one of the following conditions are met:**

- “Kilowatts” is “F37-75” and “Model Year” is “2011”, “2012,” or “2013”; **or**
- “Kilowatts” is “F75-130” and “Model Year” is “2010,” “2011”, or “2012”; **or**
- “Kilowatts” is “F130-368” or “F368-450” and “Model Year” is “2009,” “2010”, or “2011”

#### Options:

Select one of the following options to indicate the rated speed (in RPMs) and whether or not you are choosing to alternatively comply with the previous model year’s emission limits as stated in 40 CFR 60, Subpart IIII-Table 4 (Footnotes 1-3). Enter the code on the form.

Code	Description
2650-	The CI ICE rated speed is less than 2650 RPMs (Not allowed to comply with the previous model year’s emission limits).
2650+YES	The CI ICE rated speed is greater than 2650 RPMs and is complying with the previous model year’s emission limits.
2650+NO	The CI ICE rated speed is greater than 2650 RPMs but is not complying with the previous model year’s emission limits.



**Stationary Reciprocating Internal Combustion Engine Attributes  
Form OP-UA2 (Page 1)**

**Federal Operating Permit Program**

**Table 1a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)**

**Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Horsepower Rating	RACT Date Placed in Service	Functionally Identical Replacement	Type of Service	Fuel Fired	Engine Type	ESAD Date Placed in Service	Diesel HP Rating

**Stationary Reciprocating Internal Combustion Engine Attributes  
Form OP-UA2 (Page 2)**

**Federal Operating Permit Program**

**Table 1b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)**

**Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	NO <sub>x</sub> Emission Limitation	23-C Option	30 TAC Chapter 116 Limit	EGF System CAP Unit	NO <sub>x</sub> Averaging Method	NO <sub>x</sub> Reduction	NO <sub>x</sub> Monitoring System

**Stationary Reciprocating Internal Combustion Engine Attributes  
Form OP-UA2 (Page 3)**

**Federal Operating Permit Program**

**Table 1c: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)**

**Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Fuel Flow Monitoring	CO Emission Limitation	CO Averaging Method	CO Monitoring System	NH <sub>3</sub> Emission Limitation	NH <sub>3</sub> Monitoring

**Stationary Reciprocating Internal Combustion Engine Attributes  
Form OP-UA2 (Page 4)**

**Federal Operating Permit Program**

**Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
1/23/2025	O-01631	100222488

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
61EMERGG1	63ZZZZ-61-EG1	MAJOR	500+	06+	NO	EMER-A	N/A
61EMERGG2	63ZZZZ-61-EG2	MAJOR	500+	06+	NO	EMER-A	N/A

**Stationary Reciprocating Internal Combustion Engine Attributes  
Form OP-UA2 (Page 5)**

**Federal Operating Permit Program**

**Table 2b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Manufacture Date	Operating Hours	Different Schedule	Emission Limitation	Displacement

**Stationary Reciprocating Internal Combustion Engine Attributes  
Form OP-UA2 (Page 6)**

**Federal Operating Permit Program**

**Table 2c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary 32B Reciprocating Internal Combustion Engines  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Crankcase	Performance Test	Control Technique	Operating Limits	Monitoring System

**Stationary Reciprocating Internal Combustion Engine Attributes  
Form OP-UA2 (Page 7)**

**Federal Operating Permit Program**

**Table 3: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117) Subchapter E: Multi-Region Combustion Control  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Unit Type	Horsepower Rating	Landfill	Control Operations	NO <sub>x</sub> and O <sub>2</sub> Monitoring	Ammonia Use	NHR <sub>3</sub> Emission Limitation	Ammonia Monitoring

**Stationary Reciprocating Internal Combustion Engine Attributes**  
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**Federal Operating Permit Program**  
**Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Construction/ Reconstruction/ Modification Date	Test Cell	Exemption	Temp Replacement	Horsepower	Fuel	AEL No.	Lean Burn	Commencing



**Stationary Reciprocating Internal Combustion Engine Attributes**  
**Form OP-UA2 (Page 9)**  
**Federal Operating Permit Program**  
**Table 4b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Manufacture Date	Displacement	Certified	Operation	Certified Modification	Service	Severe Duty	Optional Compliance

**Stationary Reciprocating Internal Combustion Engine Attributes  
Form OP-UA2 (Page 10)**

**Federal Operating Permit Program**

**Table 5a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
1/23/2025	O-01631	100222488

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
61EMERGG1	60IIII-61-EG1	2005+	None	EMERG	CON	0406+
61EMERGG2	60IIII-61-EG1	2005+	None	EMERG	CON	0406+

**Stationary Reciprocating Internal Combustion Engine Attributes  
Form OP-UA2 (Page 11)**

**Federal Operating Permit Program**

**Table 5b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
1/14/2025	O-01631	100222488

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
61EMERGG1	60IIII-61-EG1	DIESEL	N/A	10-CS	N/A	2012	2012-2015
61EMERGG2	60IIII-61-EG1	DIESEL	N/A	10-CS	N/A	2012	2012-2015

**Stationary Reciprocating Internal Combustion Engine Attributes**  
**Form OP-UA2 (Page 12)**  
**Federal Operating Permit Program**  
**Table 5c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
1/14/2025	O-01631	100222488

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
61EMERGG1	60IIII-61-EG1	E560-2237	N/A	YES	Yes	MANU YES	N/A	N/A
61EMERGG2	60IIII-61-EG1	E560-2237	N/A	YES	Yes	MANU YES	N/A	N/A

**Form OP-UA16**  
**Solvent Degreasing Machine Attributes**  
**Texas Commission on Environmental Quality**

**General:**

This form is used to provide a description and data pertaining to all solvent degreasing machines with potentially applicable requirements associated with a particular regulated entity number and application. Each table number, along with the possibility of a corresponding letter (i.e., Table 1a, Table 1b), corresponds to a certain state or federal rule. If the rule on the table is not potentially applicable to a solvent degreasing machine, then it should be left blank and need not be submitted with the application. The following solvent degreasing machines are considered off-permit sources and do not need to be listed:

- A. In counties not affected by title 30 TAC Chapter 115, remote reservoir or immersion type cold solvent degreasers which do not use solvent with methylene chloride, perchloroethylene, trichloroethylene, 1,1,1-Trichloroethane, carbon tetrachloride, chloroform, or any combination of these solvent in a total concentration greater than or equal to 5% by weight.
- B. In counties affected by 30 TAC Chapter 115, remote reservoir cold solvent cleaners which use solvents with a typ equal to or less than 0.6 psia measured at 100 degrees Fahrenheit, which do not use solvents with methylene chloride, perchloroethylene, trichloroethylene, 1,1,1-Trichloroethane, carbon tetrachloride, chloroform, or any combination of these solvent in a total concentration greater than or equal to 5% by weight, and which have a drain area of less than 16 in 2, provided waste solvent is disposed of in enclosed containers.

If the codes entered by the applicant show negative applicability to the rule or sections of the rule represented on the table, then the applicant need not complete the remainder of the table(s) that corresponds to the rule. Further instruction as to which questions should be answered and which questions should not be answered are located in the “Specific” section of the instruction text. The following is included in this form:

**Table 1:**                      **Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115) Subchapter E: Degreasing Processes**

**Tables 2a - 2c:**            **Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart T: National Emission Standards for Halogenated Solvent Cleaning**

The application area name from Form OP-1 entitled, “Site Information Summary” must appear in the header of each page for the purpose of identification for the initial submittal. The date of the initial form submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). **Leave the permit number blank for the initial form submittal.** If this form is included as part of the permit revision process, enter the permit number assigned by the TCEQ, the area name (from Form OP-1), and the date of the revision submittal.

Unit attribute questions that do not require a response from all applicants are preceded by qualification criteria in the instructions. If the unit does not meet the qualification criteria, a response to the question is not required. **Anytime a response is not required based on the qualification criteria, leave the space on the form blank.**

**Notwithstanding any qualification criteria in the form instructions or information provided in other TCEQ guidance, the applicant may leave an attribute question blank (or indicate “N/A” for “Not Applicable”) if the attribute is not needed for the applicable requirement determinations of a regulation for a unit.**

In some situations, the applicant has the option of selecting alternate requirements, limitations, and/or practices for a unit. Note that these alternate requirements, limitations, and/or practices must have the required approval from the TCEQ Executive Director and/or the U.S. Environmental Protection Agency Administrator *before* the federal operating permit application is submitted.

The Texas Commission on Environmental Quality (TCEQ) **requires** that a Core Data Form be submitted on **all** incoming registrations unless all of the following are met: The Regulated Entity *and* Customer Reference Numbers have been issued by the TCEQ and no core data information has changed. The Central Registry, a common record area of the TCEQ which maintains information about TCEQ customers and regulated activities, such as company names, addresses, and telephone

numbers. This information is commonly referred as “core data.” The Central Registry provides the regulated community with a central access point within the agency to check core data and make changes when necessary. When core data about a facility is moved to the Central Registry, two new identification numbers are assigned: the *Customer Reference (CN)* number and the *Regulated Entity (RN)* number. The Core Data Form is required if facility records are not yet part of the Central Registry or if core data for a facility has changed. If this is the initial registration, permit, or license for a facility site, then the Core

Data Form must be completed and submitted with application or registration forms. If amending, modifying, or otherwise updating an existing record for a facility site, the Core Data Form is not required, unless any core data information has changed. To review additional information regarding the Central Registry, go to the TCEQ website at [www.tceq.texas.gov/permitting/central\\_registry](http://www.tceq.texas.gov/permitting/central_registry).

### Specific:

#### **Table 1:** Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115), Subchapter E: Degreasing Processes

- ★ **Complete Table 1 only for solvent degreasing machines located in a county subject to 30 TAC Chapter 115 and using a volatile organic compound (VOC).**

#### **Unit ID No.:**

Enter the identification number (ID No.) for the solvent degreasing machine (maximum 10 characters) as listed on Form OP- SUM entitled, “Individual Unit Summary.”

#### **SOP/GOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB- XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers please refer to the TCEQ guidance document entitled “Federal Operating Permit Application Guidance Document.”

#### **Solvent Degreasing Machine Type:**

Select one of the following options for the solvent degreasing machine type as pertains to 30 TAC Chapter 115. Enter the code on the form.

For SOP applications:

Code	Description
CONV	Conveyorized (vapor or cold) cleaning machine
VOT	Open-top vapor cleaning machine
COLD	Cold solvent cleaning machine
RRC-S	Remote reservoir cold solvent cleaning machine
550-	Degreasing operations located on a property which, when uncontrolled, can emit a combined weight of VOC less than 550 pounds in any consecutive 24-hour period [for degreasing operations located in Gregg, Nueces, or Victoria County and claiming exemption 30 TAC § 115.411(5)]

For GOP applications:

Code	Description
RRC-G	Remote reservoir cold solvent cleaning machine
OTHER	Other than remote reservoir cold solvent cleaning machine

*Note: Open-top vapor or conveyorized degreasing machines subject to 30 TAC Chapter 115 and degreasing machines using halogenated solvents do not qualify for a GOP.*

TCEQ 10030 (APD-ID51v1.0 revised 10/22) OP-UA16

This form is for use by sources subject to air quality permit requirements and may be revised periodically. (Title V Release 10/22)

**Alternate Control Requirement (ACR):**

If the TCEQ Executive Director has approved an ACR as allowed under 30 TAC § 115.413, enter "YES". Otherwise, enter "NO."

**Alternate Control Requirement ID. No.:**

If an ACR allowed under 30 TAC § 115.413 is used, then enter the corresponding ACR unique identifier for each unit (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the ACR approval letter in the table column. The unique identifier and/or the date of approval letter is contained in the compliance file under the appropriate account number. Otherwise, leave this column blank (GOP applicants must leave this column blank).

- ★ **Complete the Rest of Table 1 only if "Alternate Control Requirement" is "NO."**
- ★ **Complete "Solvent Sprayed," "Solvent Vapor Pressure," Solvent Heated or Agitated," "Parts Larger than Drainage," "Drainage Area," and "Disposal in Enclosed Containers" Only if "Solvent Degreasing Machine Type" is "COLD," "RRC-S," "RRC-G," or "OTHER."**

**Solvent Sprayed:**

Enter "YES" if a solvent is sprayed. Otherwise, enter "NO."

**Solvent Vapor Pressure:**

Select one of the following options for solvent vapor pressure (as measured at 100°F). Enter the code on the form.

For SOP applications:

Code	Description
0.6-	Solvent vapor pressure is less than or equal to 0.6 psia as measured at 100 degrees Fahrenheit
0.6+	Solvent vapor pressure is greater than 0.6 psia as measured at 100 degrees Fahrenheit

For GOP applications:

Code	Description
G0.6-	Solvent vapor pressure is less than or equal to 0.6 psia at 100 degrees Fahrenheit
G0.6+	Solvent vapor pressure is greater than 0.6 psia at 100 degrees Fahrenheit

**Solvent Heated:**

Enter "YES" if the solvent is heated to a temperature greater than 120 degrees Fahrenheit. Otherwise, enter "NO."

**Parts Larger Than Drainage:**

Enter "YES" if any cleaned part for which the machine is authorized to clean are larger than the internal drainage facility of the machine. Otherwise, enter "NO."

- ★ **Complete "Drainage Area" only if "Solvent Degreasing Machine Type" is "COLD" or "RRC-S", or if "Solvent Degreasing Machine Type" is "RRC-G" and "Solvent Vapor Pressure" is "G0.6-."**

**DRAINAGE AREA:**

Select one of the following options for drainage area. Enter the code on the form.

Code	Description
16-	Area is less than 16 square inches
16+	Area is greater than or equal to 16 square inches

**Disposal in Enclosed Containers:**

Enter "YES" if the waste solvent is properly disposed of in enclosed containers. Otherwise, enter "NO."

- ★ **Complete "Solvent/Air Interface Area" only if "Solvent Degreasing Machine Type" is "CONV."**

**Solvent/Air Interface Area:**

Select one of the following options for solvent/air interface area as pertains to 30 TAC Chapter 115. Enter the code on the form.

Code	Description
20-	Solvent/air interface is less than 20 square feet
20+	Solvent/air interface is greater than or equal to 20 square feet

- ★ **Complete “Emission Control Combinations” only if “Solvent Degreasing Machine Type” is “CONV” or “VOT.”**

**Emission Control Combinations:**

For solvent degreasing machines subject to the requirements of 30 TAC Chapter 115, select from the following options for emission control combinations. If more than one control technique is used, list each control technique on additional lines.

Code	Description
FBR	Freeboard with the ratio specified in 30 TAC § 115.412(1)(E) or 30 TAC § 115.412(2)(D)(i)
CHILL	Refrigerated chiller achieving 85% or greater control of VOC emissions
ENCL	Enclosed design
CADS	Carbon adsorber with ventilation greater than or equal to 50 cfm/ft <sup>2</sup> and exhausting less than 25 ppm of solvent volume averaged over one adsorption cycle

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**Table 2a:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart T: National Emission Standards for Halogenated Solvent Cleaning

- ★ **Complete for solvent cleaning machines using halogenated solvents.**

**Unit ID No.:**

Enter the identification number (ID No.) for the solvent cleaning machine (maximum 10 characters) as listed on Form OP-SUM entitled, “Individual Unit Summary.”

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB- XXXX]). For additional information relating to SOP index numbers, please refer to the TCEQ guidance document entitled “Federal Operating Permit Application Guidance Document.”

**Solvent Type:**

Enter “YES” if the unit uses one (or any combination) of the following halogenated hazardous air pollutant (HAP) solvents: methylene chloride, perchloroethylene, trichloroethylene, 1,1,1-trichloroethane, carbon tetrachloride, or chloroform in a total concentration greater than 5% by weight. Otherwise, enter “NO.”

**Solvent Cleaning Machine Type:**

Select one of the following options for the solvent cleaning machine type as it pertains to 40 CFR Part 63, Subpart T. Enter the code on the form.

Code	Description
INLN	In-line (vapor or cold) cleaning machine
CWCM	Continuous web cleaning machine
RRCWCM	Remote reservoir continuous web cleaning machine
CRRB	Non-immersion remote reservoir batch cold cleaning machine
CRRBIM	Immersion remote reservoir batch cold cleaning machine
CBAT	Batch cold cleaning machine other than a remote reservoir cold cleaning machine



VOTB	Open-top batch vapor cleaning machine
VBAT	Batch vapor cleaning machine other than open-top vapor
OTHER	Other solvent cleaning machine type

- ★ **Complete “Equivalent Methods of Control” only if “Solvent Cleaning Machine Type” is “INLN,” “CWCM,” “RRCWCM,” “VOTB,” or “VBAT.”**

#### **Equivalent Methods of Control:**

Enter “YES” if using equivalent equipment or procedures approved by the EPA Administrator, under 40 CFR § 63.469, to those prescribed for compliance within a specified paragraph of 40 CFR Part 63, Subpart T. Otherwise, enter “NO.”

#### **EMOC ID NO.:**

If an equivalent method of control (EMOC) has been approved, enter the corresponding EMOC unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the EMOC approval letter. The unique identifier and/or the date of the approval letter is contained in the compliance file under the appropriate account number. Otherwise, leave this column blank.

- ▼ **Do not continue if “Solvent Cleaning Machine Type” is “INLN,” “CWCM,” “RRCWCM,” “VOTB” or “VBAT” and “Equivalent Methods of Control” is “YES.”**

#### **Construction Date:**

Select one of the following options based on the commencement date of the most recent construction, modification, or reconstruction of the solvent degreasing machine. Enter the code on the form.

<b>Code</b>	<b>Description</b>
93-	Unit constructed, modified, or reconstructed on or before November 29, 1993
93+	Unit constructed, modified, or reconstructed after November 29, 1993

- ★ **Complete the remainder of Table 2a only if “Solvent Cleaning Machine Type” is “CRRB,” “CRRBIM,” or “CBAT.” If “Solvent Cleaning Machine Type” is NOT “CRRB,” “CRRBIM,” or “CBAT,” go to Table 2b.**
- ★ **Complete “Cold Cleaning Emission Control” only if “Solvent Cleaning Machine Type” is “CRRBIM” or “CBAT.”**

#### **Cold Cleaning Emission Control:**

For solvent degreasing machines subject to the requirements of 40 CFR Part 63, Subpart T, choose from the following codes to describe emission control. If more than one code is applicable, use additional rows to list each control technique.

<b>Code</b>	<b>Description</b>
FREBRD	Freeboard ratio is greater than or equal to 0.75
WATER	A water layer on the surface with thickness greater than or equal to 2.5 cm

- ★ **Complete “Cold Cleaning Work Practice Alternative” if “Solvent Cleaning Machine Type” is “CRRB” or if “Solvent Cleaning Machine Type” is “CRRBIM” or “CBAT”, and “Cold Cleaning Emission Control” includes “FREBRD.”**

#### **Cold Cleaning Work Practice Alternative:**

Enter “YES” if an alternative to the requirements of 40 CFR § 63.462(c)(1) - (8) have been approved. Otherwise, enter “NO.”

#### **Cold Cleaning Work Practice Alternative ID No.:**

If a work practice alternative has been approved, enter the corresponding unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the approval letter. The unique identifier and/or the date of the approval letter is contained in the compliance file under the appropriate account number. Otherwise, leave this column blank.

- ★ Complete “Additional Emission Control” if “Solvent Cleaning Machine Type” is “CRRB” and “Cold Cleaning Work Practice Alternative” is “NO;” or if “Solvent Cleaning Machine Type” is “CRRBIM” or “CBAT,” and “Cold Cleaning Emission Control” includes “FREBRD” and “Cold Cleaning Work Practice Alternative” is “NO.”

**Additional Emission Control:**

Choose from the following codes to describe emission control. If more than one code is applicable, use additional rows to list each control technique.

Code	Description
FHFD	Flexible hose or flushing device
AGTD	Air or pump-agitated solvent bath
BOTH	Flexible hose or flushing device and Air or pump-agitated solvent bath
NONE	None

- ▼ Continue only if “Solvent Degreasing Machine Type” is “INLN,” “CWCM,” “RRCWCM,” “VBAT,” or “VOTB.”

**Table 2b:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart T: National Emission Standards for Halogenated Solvent Cleaning

**Unit ID No.:**

Enter the identification number (ID No.) for the solvent cleaning machine (maximum 10 characters) as listed on Form OP- SUM entitled, “Individual Unit Summary.”

**SOP Index No.:**

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB- XXXX]). For additional information relating to SOP index numbers, please refer to the TCEQ guidance document entitled “Federal Operating Permit Application Guidance Document.”

**Alternative Standard:**

Enter “YES” if complying with 40 CFR § 63.464 as an alternative to 40 CFR § 63.463. Otherwise, enter “NO”.

- ★ Complete “Solvent/Air Interface Area” only if “Solvent Cleaning Machine Type” is “VBAT” or “VOTB.”

**Solvent/Air Interface Area:**

Select one of the following options for solvent/air interface area as it pertains to 40 CFR Part 63, Subpart T. Enter the code on the form.

Code	Description
NONE	No solvent/air interface
13-	Solvent/air interface area is less than or equal to 13 ft <sup>2</sup> (1.21 m <sup>2</sup> )
13+	Solvent/air interface area is greater than 13 ft <sup>2</sup> (1.21 m <sup>2</sup> )

- ★ Complete “Machine Cleaning Capacity” Only if “Alternative Standard” is “YES” and “Solvent/Air Interface Area” is “NONE”.

**Machine Cleaning Capacity:**

Enter one of the following codes for solvent degreasing machine capacity.

Code	Description
780-	Capacity is less than or equal to 780 gallons (2.95 cubic meters)
780+	Capacity is greater than 780 gallons (2.95 cubic meters)

- ▼ Continue only if “Alternative Standard” is “NO.”

**Machine Exhaust:**

Select one option that describes the exhaust being used by the solvent cleaning machine. Enter the code on the form.

Code	Description
LIP	Solvent cleaning machine uses a lip exhaust
OTHER	Solvent cleaning machine uses an exhaust, internal to the machine, other than a lip exhaust
NONE	Solvent cleaning machine uses no exhaust internal to the machine

*Note: If "Machine Exhaust" is "LIP" or "OTHER," the "Control Combination" selected must include a carbon adsorption system.*

**Control Combinations:**

Select one option that describes the control combination or compliance option being used by the solvent cleaning machine. Enter the code on the form.

For batch vapor solvent cleaning machines with a solvent air interface of 13 square feet or less complying with the requirements of 40 CFR § 63.463(b)(1)(i) or § 63.463(b)(1)(ii):

Code	Description
TABLE1-1	Solvent cleaning machine uses a working mode cover, freeboard ratio of 1.0 and superheated vapor
TABLE1-2	Solvent cleaning machine uses a freeboard refrigeration device and superheated vapor
TABLE1-3	Solvent cleaning machine uses a working mode cover and freeboard refrigeration device
TABLE1-4	Solvent cleaning machine uses a reduced room draft, freeboard ratio of 1.0 and superheated vapor
TABLE1-5	Solvent cleaning machine uses a reduced room draft and freeboard refrigeration device
TABLE1-6	Solvent cleaning machine uses a freeboard refrigeration device and a freeboard ratio of 1.0
TABLE1-7	Solvent cleaning machine uses a freeboard refrigeration device and dwell
TABLE1-8	Solvent cleaning machine uses a reduced room draft, freeboard ratio of 1.0 and dwell
TABLE1-9	Solvent cleaning machine uses a freeboard refrigeration device and a carbon adsorber
TABLE1-10	Solvent cleaning machine uses a freeboard ratio of 1.0, superheated vapor and a carbon adsorber
IDLE22	Demonstrating compliance with the 0.22 kg/hr per square meter (0.045 lb/hr per square foot) of solvent air interface as specified in 40 CFR § 63.463(b)(1)(ii) or § 63.463(b)(2)(ii)

For batch vapor solvent cleaning machines with a solvent air interface of greater than 13 square feet complying with the requirements of 40 CFR § 63.463(b)(2)(i) or § 63.463(b)(2)(ii):

Code	Description
TABLE2-1	Solvent cleaning machine uses a freeboard refrigeration device, freeboard ratio of 1.0 and superheated vapor
TABLE2-2	Solvent cleaning machine uses a reduced room draft, freeboard refrigeration device and dwell
TABLE2-3	Solvent cleaning machine uses a working mode cover, freeboard refrigeration device and superheated vapor
TABLE2-4	Solvent cleaning machine uses a reduced room draft, freeboard ratio of 1.0 and superheated vapor
TABLE2-5	Solvent cleaning machine uses a reduced room draft, freeboard refrigeration device and superheated vapor
TABLE2-6	Solvent cleaning machine uses a reduced room draft, freeboard ratio of 1.0 and a freeboard refrigeration device
TABLE2-7	Solvent cleaning machine uses a freeboard refrigeration device, superheated vapor and a carbon adsorber
IDLE22	Demonstrating compliance with the 0.22 kg/hr per square meter (0.045 lb/hr per square foot) of solvent air interface as specified in 40 CFR § 63.463(b)(1)(ii) or § 63.463(b)(2)(ii)

For existing in-line solvent cleaning machines:

<b>Code</b>	<b>Description</b>
TABLE3-1	Solvent cleaning machine uses superheated vapor and a freeboard ratio of 1.0
TABLE3-2	Solvent cleaning machine uses a freeboard refrigeration device and a freeboard ratio of 1.0
TABLE3-3	Solvent cleaning machine uses a freeboard refrigeration device and dwell
TABLE3-4	Solvent cleaning machine uses a carbon adsorber and dwell
IDLE10	Demonstrating compliance with the 0.10 kg/hr per square meter (0.021 lb/hr per square foot) of solvent air interface as specified in 40 CFR § 63.463(c)(1)(ii) or § 63.463(c)(2)(ii)

For new in-line solvent cleaning machines:

<b>Code</b>	<b>Description</b>
TABLE4-1	Solvent cleaning machine uses superheated vapor and a freeboard refrigeration device
TABLE4-2	Solvent cleaning machine uses a freeboard refrigeration device and a carbon adsorber
TABLE4-3	Solvent cleaning machine uses superheated vapor and a carbon adsorber
IDLE10	Demonstrating compliance with the 0.10 kg/hr per square meter (0.021 lb/hr per square foot) of solvent air interface as specified in 40 CFR § 63.463(c)(1)(ii) or § 63.463(c)(2)(ii)

For existing continuous web solvent cleaning machines:

<b>Code</b>	<b>Description</b>
SVAPOR+1	Superheated vapor and a freeboard ratio of 1.0
SPART+1	Superheated part technology and a freeboard ratio of 1.0
FRD+1	Freeboard refrigeration device and a freeboard ratio of 1.0
CADS100	Carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
CADS70	Carbon adsorption system demonstrated to have an overall control efficiency of at least 70%

For new continuous web solvent cleaning machines:

<b>Code</b>	<b>Description</b>
SVAPRFRD	Superheated vapor and a freeboard refrigeration device
SPARTFRD	Superheated parts technology and a freeboard refrigeration device
FRDCAD100	Freeboard refrigeration device and a carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
VPRCAD100	Superheated vapor and a carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
PTCAD100	Superheated part technology and a carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
CADS70	Carbon adsorption system demonstrated to have an overall control efficiency of at least 70%

For new remote reservoir continuous web solvent cleaning machines:

<b>Code</b>	<b>Description</b>
SVAPOR	Superheated vapor
SPART	Superheated part technology
CADS100	Carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
CADS70	Carbon adsorption system demonstrated to have an overall control efficiency of at least 70%

For existing remote reservoir continuous web solvent cleaning machines:

Code	Description
NOCAD	Existing remote reservoir continuous web solvent cleaning machine does not have an exhaust and is not required to equip with a carbon adsorption system
CADS100	Carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
CADS70	Carbon adsorption system demonstrated to have an overall control efficiency of at least 70%

#### Alternative Monitoring Procedure:

Enter "YES" if using an alternative monitoring procedure (AMP) approved by the EPA Administrator and using a control device in 40 CFR §§ 63.466(a) through (e). Otherwise, enter "NO."

#### AMP ID No.:

If an AMP has been approved, enter the corresponding AMP unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the AMP approval letter. The unique identifier and/or the date of the approval letter is contained in the compliance file under the appropriate account number. Otherwise, leave this column blank.

- ★ **Complete "Superheated Part Monitoring" only if "Solvent Cleaning Machine Type" is "CWCM" and "Control Combination" is "SPART+1," "SPARTFRD" or "PTCAD100" and "Alternate Monitoring Procedures" is "NO"; or if "Solvent Cleaning Machine Type" is "RRCWCM," and "Control Combination" is "SPART" and "Alternate Monitoring Procedures" is "NO."**

#### Superheated Part Monitoring:

Enter "YES" if compliance with the monitoring provisions of 40 CFR § 63.466(a)(4) is selected. Otherwise, enter "NO."

### **Table 2c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart T: National Emission Standards for Halogenated Solvent Cleaning**

#### Unit ID No.:

Enter the identification number (ID No.) for the solvent cleaning machine (maximum 10 characters) as listed on Form OP- SUM entitled, "Individual Unit Summary."

#### SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB- XXXX]). For additional information relating to SOP index numbers, please refer to the TCEQ guidance document entitled "Federal Operating Permit Application Guidance Document."

- ★ **Complete "Air Disturbance Control Option" only if "Solvent Cleaning Machine Type" is "CWCM," "INLN", "VOTB", or "VBAT."**

#### Air Disturbance Control Option:

Select one option that describes how the solvent cleaning machine is complying with the requirement to control air disturbance as specified in 40 CFR § 63.463(a)(1) or § 63.463(g)(3)(i). Enter the code on the form.

For in-line or batch vapor solvent cleaning machines:

Code	Description
RRD	Using reduced room draft and monitoring and controlling room parameters
RRDENCL	Using reduced room draft achieved through use of a partial or total enclosure
COVER	Using an idling or downtime cover

For continuous web solvent cleaning machines:

Code	Description
RRD	Using reduced room draft and monitoring and controlling room parameters
RRDENCL	Using reduced room draft achieved through use of a partial or total enclosure
COVER	Using an idling or downtime cover
GASKET	Using gasketed or leakproof doors to separate the continuous web part feed and take-up reels from the room atmosphere
PRESS-	Machine is under negative pressure during idling and downtime and is vented to a carbon adsorber meeting the requirements of 40FR § 63.463(e)(2)(vii) or § 63.463(g)(2)

- ★ **Complete “Continuous Web Work Practice Option” only if “Solvent Cleaning Machine Type” is “CWCM” or “RRCWCM.”**

**Continuous Web Work Practice Option:**

Select one option that describes how the solvent cleaning machine is complying with the requirements of 40 CFR § 63.463(g)(3)(iii) or § 63.463(h)(2)(i). Enter the code on the form.

Code	Description
SPEED	Using an automated parts handling system capable of moving parts or parts baskets at a speed of 3.4 meters/minute (11 feet/minute) or less
AKNIFE	Using an air knife system
SQUEEG	Using a squeegee system
BOTH	Using both an air knife and squeegee system

- ★ **Complete “§ 63.466(a)-(e) Control” only if “Control Combination” is “IDLE22” or “IDLE10.”**

**§ 63.466(a)-(e) CONTROL:**

Enter “YES” if the solvent cleaning machine is using any of the controls in 40 CFR § 63.466(a)-(e). Otherwise, enter “NO.”

- ▼ **Continue only if “Control Combination” is “IDLE22” or “IDLE10” and “§ 63.466(a)-(e) Control” is “YES.”**

**Freeboard Refrigeration Device:**

Enter “YES” if the solvent cleaning machine is using a freeboard refrigeration device. Otherwise, enter “NO.”

**Working Mode Cover:**

Enter “YES” if the solvent cleaning machine is using a working mode cover. Otherwise, enter “NO.”

**Dwell:**

Enter “YES” if the solvent cleaning machine is using a dwell. Otherwise, enter “NO.”

**Superheated Vapor:**

Enter “YES” if the solvent cleaning machine is using superheated vapor. Otherwise, enter “NO.”

**Carbon Adsorber:**

Enter “YES” if the solvent cleaning machine is using a carbon adsorber. Otherwise, enter “NO.”

**Solvent Degreasing Machine Attributes**  
**Form OP-UA16 (Page 1) Federal Operating Permit Program**  
**Table 1: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115) Subchapter E: Solvent Using Processes**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
1/23/2025	O-01631	100222488

Unit ID No.	SOP/GOP Index No.	Solvent Degreasing Machine Type	Alternate Control Requirement (ACR)	Alternate Control Requirement ID No.	Solvent Sprayed	Solvent Vapor Pressure	Solvent Heated	Parts Larger Than Drainage	Drainage Area	Disposal in Enclosed Containers	Solvent/Air Interface Area	Emission Control Combinations
CDB2-1	R5412-1	COLD	NO	N/A	NO	0.6-	NO	NO	16+	YES	N/A	N/A

**Solvent Degreasing Machine Attributes**  
**Form OP-UA16 (Page 12) Federal Operating Permit Program**  
**Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart T: National Emission Standards for Halogenated Solvent Cleaning**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Solvent Type	Solvent Cleaning Machine Type	Equivalent Methods of Control	EMOC ID No.	Construction Date	Cold Cleaning Emission Control	Cold Cleaning Work Practice Alternative	Cold Cleaning Work Practice Alternative ID No.	Additional Emission Control



**Solvent Degreasing Machine Attributes**  
**Form OP-UA16 (Page 3) Federal Operating Permit Program**  
**Table 2b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63) Subpart T:**  
**National Emission Standards for Halogenated Solvent Cleaning**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Alternative Standard	Solvent/Air Interface	Machine Cleaning Capacity	Machine Exhaust	Control Combinations	Alternative Monitoring Procedure	AMP ID No.	Superheated Part Monitoring

**Solvent Degreasing Machine Attributes**  
**Form OP-UA16 (Page 4) Federal Operating Permit Program**  
**Table 2c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63) Subpart T:**  
**National Emission Standards for Halogenated Solvent Cleaning**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Air Disturbance Control Option	Continuous Web Work Practice Option	§ 63.466(a) - (e) Control	Freeboard Refrigeration Device	Working Mode Cover	Dwell	Superheated Vapor	Carbon Adsorber

**Texas Commission on Environmental Quality  
Federal Operating Permit Program  
Individual Unit Summary for Revisions  
Form OP-SUMR Instructions**

**General:**

This form is used for federal operating permit (FOP) revision and renewal applications only. FOP revision and renewal applications must include Form OP-2 (Application for Permit Revision/Renewal), at a minimum.

As a general procedure, when applying for a FOP revision or renewal, only the changes that are the subject of the revision need to be addressed in this form. For the preconstruction authorization section, only include information for the new or changed preconstruction authorization numbers.

The term “unit” in these instructions have the meaning of “emission unit” as defined in Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122). The term “process” refers to a collection of units or devices that have a physical relationship, or source cap, where a regulatory requirement is potentially applicable to the process as a whole. Additional information on process is discussed on Form OP-SUM. Units and processes must be identified when they are to be added to or removed from the permit, or when they are to be added to or removed from a group.

For information regarding units, groups and processes that must be addressed in an application and information regarding preconstruction authorizations, refer to Form OP-SUM (Individual Unit Summary), the Unit Attribute (UA) forms (which are located at [www.tceq.texas.gov/permitting/air/nav/air\\_all\\_ua\\_forms.html](http://www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html)), or the TCEQ guidance document located at [www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title\\_V/additional\\_fop\\_guidance.pdf](http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/additional_fop_guidance.pdf).

The Company Name and Area name (from Form OP-1, Section I and X, respectively) must appear in the header of each page for the purpose of identification. The date of submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). Any subsequent submittals must show the date of revision. Also, enter the Regulated Entity Reference Number (RNXXXXXXXXXX) and (FOP) Permit Number (OXXXX).

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**Specific:**

**Table 1**

*Complete Table 1 if the revision is adding a new emission unit, emission point, or process or deleting an existing emission unit, emission point, or process. Table 2 is not required unless the revision includes an emission unit, emission point, or process being added to or deleted from a group.*

*Deleting a unit on this form will also serve to delete the unit from a group as well as delete any associated requirements in the Applicable Requirements Summary in the issued permit. These deletions will not need to be represented on Form OP-REQ3 (Applicable Requirements Summary).*

**Unit/Process**

**Action Indicator (AI):**

Enter “A” if the emission unit, emission point, or process indicated is an addition to the existing permit. Enter “D” if the existing emission unit, emission point, or process indicated is being deleted from the permit. If an emission unit, emission point, or process is not being added/deleted from the permit, leave blank.

**Revision No.:**

Enter the revision number identified on Form OP-2, Table 2. This number will link the specified change to the appropriate permit revision.

**ID No.:**

For emission units, processes, or emission points with potentially applicable requirements that are being added to the permit, enter the facility identification numbers (FINs) or emission point numbers (EPNs) as listed in the TCEQ State of Texas Air Reporting System (STARS). If the FIN or EPN currently does not exist in the STARS, then a new identification number (ID No.) that is consistent with the existing numbering system must be provided by the applicant. For existing units, enter the ID No. that is currently identified in the issued federal operating permit.

*Note: The ID Nos. listed in the "ID No." column cannot begin with "GRP," the character sequence reserved for group ID Nos.*

**Applicable Form:**

Enter the number of the UA form which contains the specific information regarding the corresponding emission unit, emission point, or process (i.e., for flares, enter OP-UA7 entitled "Flare Attributes"). See [www.tceq.texas.gov/permitting/air/nav/air\\_all\\_ua\\_forms.html](http://www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html) for a list of UA forms. Enter the UA Form number if the UA form is used in conjunction with Form OP-REQ2 for negative applicability or if the emission unit, emission point, or process has positive applicability in addition to the negative applicability. Enter "OP-REQ2" if all of the following are true:

1. negative applicability is shown through the use of Form OP-REQ2;
2. no unit attribute information is used to substantiate the negative applicability; and
3. the emission unit, emission point, or process has no positive applicability.

The applicable form entered on Form OP-REQ2 must match the applicable form entered on Form OP-SUMR for the emission unit, emission point, or process.

**Name/Description:**

For emission units, emission points, or processes being added to the permit, enter a text name or description for the unit from the STARS whenever possible (maximum 50 characters). If no STARS name currently exists, a new name that is consistent with the existing naming convention must be provided by the applicant.

**★ Complete "CAM" only if the revision incorporates requirements for 40 CFR Part 64, Compliance Assurance Monitoring (CAM).**

The following question relating to CAM is for reference only. Certification by the Responsible Official (RO) pursuant to 30 TAC § 22.165 does not extend to the information which is designated on forms as "for reference only."

**CAM:**

Indicate if the unit is subject to CAM, by placing a "Y" in the box next to the unit. Please refer to 40 CFR Part 64 to determine applicability.

*Note: For each new emission unit or emission point, at least one preconstruction authorization must be indicated; however, an emission unit or emission point may have multiple authorizations. Preconstruction authorizations listed on this form should also be identified on Form OP-REQ1.*

**30 TAC Chapter 116/30 TAC Chapter 106:**

List all 30 TAC Chapter 116 or 30 TAC Chapter 106 preconstruction authorizations, including PBR registration numbers, under which the unit or process is operating. Use additional lines to list multiple authorizations.

1. **Permit Number:** Enter the TCEQ NSR permit number(s) (XXXXX), for example, 12345. This includes special permits and standard permit registrations. Do not enter PSD permits and nonattainment permits.
2. **Permit by Rule (previously called Standard Exemption):** For each PBR claimed or registered under 30 TAC Chapter 106, and each standard exemption claimed or registered previously under 30 TAC Chapter 116, enter the number and effective date in the appropriate format shown below.

*Note: If units authorized by PBRs are being added or deleted or PBR registration numbers are being added or deleted, these changes must also be identified on Form OP-PBR SUP.*

**Format**

106.XXX/MM/DD/YYYY[rrrr]

XXX/MM/DD/YYYY[rrrr]

Format

**PBR/Standard Exemption Claimed or Registered Date**

Authorized on or after March 14, 1997 (except 106.181 is on or after December 27, 1996)

Authorized prior to March 14, 1997

XXX = 30 TAC Chapter 116 standard exemption number or 30 TAC Chapter 106 PBR number.

MM/DD/YYYY = Standard exemption or PBR effective date, approval date, or modification completion date.

Information on Chapter 116 version dates is available at

[www.tceq.texas.gov/permitting/air/permitbyrule/historical\\_rules/oldselist/se\\_index.html](http://www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/oldselist/se_index.html).

Information on Chapter 106 version dates is available at

[www.tceq.texas.gov/permitting/air/permitbyrule/historical\\_rules/old106list/index106.html](http://www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/old106list/index106.html).

[rrrr] = Registration number for the authorization. If multiple registration numbers apply, list them separated by commas. Examples: Standard exemptions and PBRs would be reflected in Form OP-SUMR as follows:

Authorization	Std. Ex./PBR No.	Date Authorized	Format
Authorized on or after March 14, 1997	106.473	July 25, 1997	106.473/03/14/1997[1010, 2020]
Authorized prior to March 14, 1997	53	October 20, 1990	53/09/12/1989[1010, 2020]

Please note that prior to March 14, 1997, a standard exemption list was incorporated by reference into 30 TAC Chapter 116, and each standard exemption had an assigned number (e.g., 112). Standard exemptions moved into 30 TAC Chapter 106 on March 14, 1997. Each standard exemption now resides in a section of 30 TAC Chapter 106 (e.g., 30 TAC § 106.148) and is now referred to as a PBR. Information regarding PBRs may be found on the TCEQ website at [www.tceq.texas.gov/permitting/air/nav/air\\_pbr.html](http://www.tceq.texas.gov/permitting/air/nav/air_pbr.html).

The applicant has the option of claiming a newer and more stringent version of the standard exemption or PBR if the original applicable version of the standard exemption or PBR cannot easily be determined. As an example of a standard exemption authorized before March 14, 1997, Standard Exemption No. 6 had an effective date of August 30, 1988. It was then amended with a new effective date of July 20, 1992. The standard exemption identifier for a compressor engine constructed in 1993 and registered under Standard Exemption No. 6 would be represented as 6/07/20/1992[rrrr], where [rrrr] is the registration number. As an example of a PBR authorized on or after March 14, 1997, Standard Exemption No. 6 had an effective date of June 7, 1996. It was then amended and moved to 30 TAC § 106.512 with an effective date of March 14, 1997. The PBR identifier for a compressor engine constructed in 1998 and registered under 30 TAC § 106.512 would be represented as 106.512/03/14/1997[rrrr], where [rrrr] is the registration number.

Also, please note that as of August 1, 2020, PBR registration numbers are required to be submitted on this form.

**Title I:**

List all Title I preconstruction authorization (PSD and nonattainment permits) for which the unit is operating. Use multiple lines to list all authorizations. If no Title I preconstruction authorizations apply to the unit, please leave this field blank.

- Prevention of Significant Deterioration (PSD) Permit:** Enter the PSD permit number (PSDTXXXX), for example, PSDTX123. If the PSD permit has been modified, include the "M" suffix (PSDTXXXXMXX), for example, PSDTX123M5.
- Nonattainment Permit:** Enter each nonattainment permit number (NXXXXX), for example, N123. If the nonattainment permit has been modified, include the "M" suffix (NXXXMXX), for example, N123M5.

**Table 2**

Complete Table 2 only if an emission unit, emission point, or process is being added to or deleted from a group.

**Revision No.:**

Enter the revision number identified on Form OP-2, Table 2. This number will link the specified change to the appropriate permit revision.

**ID No.:**

Enter the identification numbers (ID No.) as listed on Table 1 for the emission units, processes, or emission points. If Table 1 is not required, for emission units, processes, or emission points being added to the permit, enter the FINs or EPNs as listed in the STARS for emission units, processes, or emission points with potentially applicable requirements. If the FIN or EPN currently does not exist in the STARS, then a new ID No. that is consistent with the existing numbering system must be provided by the applicant. For existing units, enter the ID No. that is currently identified in the issued federal operating permit.

*Note: The ID Nos. listed in the "ID No." column cannot begin with "GRP," the character sequence reserved for group ID Nos.*

**Applicable Form:**

Enter the number of the UA form which contains the specific information regarding the corresponding emission unit, emission point, or process (i.e., for flares, enter OP-UA7 entitled "Flare Attributes"). See [www.tceq.texas.gov/permitting/air/nav/air\\_all\\_ua\\_forms.html](http://www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html) for a list of UA forms. Enter "OP-ACPS," if the unit ID No. is entered on this form, strictly as a result of completing Form OP-ACPS and no UA form is submitted (see Form OP-ACPS instructions for additional guidance). Enter the UA form number if the UA form is used in conjunction with Form OP-REQ2 for negative applicability, or if the emission unit, emission point, or process has positive applicability in addition to the negative applicability. Enter "OP-REQ2" if all of the following are true:

1. negative applicability is shown through the use of Form OP-REQ2;
2. no unit attribute information is used to substantiate the negative applicability; and
3. the emission unit, emission point, or process has no positive applicability.

The applicable form entered on Form OP-REQ2 must match the applicable form entered on form OP-SUMR for the emission unit, emission point, or process.

**Group AI:**

Enter "A" if the emission unit, emission point, or process identified in the "ID No." column is being added to a group. Enter "D" if the existing emission unit, emission point, or process identified in the "ID No." column is being deleted from a group. If the revision item does not add or delete an emission unit, emission point, or process to or from a group, leave blank.

**Group ID No.:**

If applicable, enter the unique ID No. for the group (for purposes of completing the unit attribute and applicable requirement forms) in the appropriate format. If the revision item does not add or delete an emission unit, emission point or process to or from a group, leave blank.

**Code Format**

GRPXXXXXX

**Description**

Identification number of the group for which the unit is a member

*(First three characters must be "GRP")*

**Table 3**

**Complete Table 3 only for Affected Sources that are subject to the following Program(s): Acid Rain, Cross-State Air Pollution Rule (CSAPR), and/or Texas SO<sub>2</sub> Trading Program.**

**General:**

The Acid Rain Program Permit Requirements, as defined in 30 TAC Chapter 122, Subchapter E, require that the Designated Representative (DR) or Alternate Designated Representative (ADR) submit a permit application for each facility (affected source) with an affected unit. A complete permit application is binding on the owners and operators of the affected source and is enforceable in the absence of a permit until the permitting authority either issues a permit to the source or disapproves the application. The responsibilities of the Designated Representative and Alternate Designated Representative of a CSAPR source, as defined in 40 CFR Part 97 (CSAPR NO<sub>x</sub> and SO<sub>2</sub> Trading Programs), require that each submission under an applicable CSAPR Trading Program shall be made, signed, and certified by the Designated Representative or Alternate Designated Representative for each CSAPR source and CSAPR unit for which the submission is made.

Any reference in these instructions to the Designated Representative (DR) means the Acid Rain Designated Representative and/or the CSAPR Designated Representative, as applicable. Any reference to the Alternate Designated Representative (ADR) means the Alternate Acid Rain Designated Representative and/or the Alternate CSAPR Designated Representative, as applicable. As reflected in this form, the Acid Rain Designated Representative and the CSAPR Designated Representative for a facility (source) must be the same individual, and the Alternate Acid Rain Designated Representative and the Alternate CSAPR Designated Representative for a facility (source) must be the same individual, if such a facility (source) has units subject to the Acid Rain and CSAPR Programs.

**Affected Source Plant Code:**

A plant code is a 4 or 5 digit number assigned by the Department of Energy (DOE) Energy Information Administration (EIA) to plants that generate electricity. For older plants, “plant code” is synonymous with “ORISPL” and “facility” codes. If the facility generates electricity but no plant code has been assigned, or if there is uncertainty regarding what the plant code is, send an email to the EIA at [EIA-860@eia.gov](mailto:EIA-860@eia.gov). For plants that do not produce electricity, use the plant identifier assigned by EPA (beginning with “88”). If the plant does not produce electricity and has not been assigned a plant identifier, contact Laurel DeSantis at [desantis.laurel@epa.gov](mailto:desantis.laurel@epa.gov).

**Specific:****Unit ID No.:**

Each affected unit must be assigned an identification number (maximum 10 characters). The identification number listed on Table 3 must be the same as the identification number listed on Table 1 of this form for the same unit.

*Note: There may be differences between the Unit ID No. on the OP-SUMR and unit names from other sources such as EPA COR, EIA (ORIS), TCEQ SIP lists, etc. However, the Unit ID No. utilized for OP-SUMR, Table 3 must be consistent with those given on the OP-SUMR, Table 1.*

**Applicable Form:**

Enter the number of the applicable UA form used on the first table of the OP-SUMR for the corresponding Unit ID No. If there is no applicable form listed on the first table of the OP-SUMR for the corresponding Unit ID, enter OP-UA1.

**COR Unit ID No.:**

Enter the unit identification number (maximum 10 characters) that is listed on the EPA Certificate of Representation (COR).

**Acid Rain:**

Enter YES for an affected unit subject to the Acid Rain Program (ARP). Otherwise, enter NO.

**ARP Status:**

Select one of the following options that describe the ARP status for that unit. Enter the code on the form.

<b>Code</b>	<b>Description</b>
EU	An existing affected unit with an existing Acid Rain permit
NEW	A new affected unit that does not have an existing Acid Rain permit (Applicant must also submit Form OP-AR1.)
RENEW	An existing affected unit with existing Acid Rain and/or CAIR permits for which the applicant is applying for a renewal (Applicant must also submit Form OP-AR1.)
NEXM	Applying for a new unit exemption under 40 CFR 72.7 (Applicant must also submit required additional information in a separate cover letter.)
REXM	Applying for a retired unit exemption under 40 CFR 72.8 (Applicant must also submit required additional information in a separate cover letter.)
OPT	A unit that is not an affected unit requiring an Acid Rain permit, but applicant is electing to become an affected unit as an "OPT-IN" in the Acid Rain program under 40 CFR Part 74 (Applicant must also submit required additional information in a separate cover letter.)

**CSAPR:**

Enter "YES," if the unit is subject to the requirements of 40 CFR Part 97, Subpart EEEEE (CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program). Otherwise, enter "NO."

**CSAPR Monitoring:**

Select one of the following options that describe the CSAPR NO<sub>x</sub> Ozone Season Group 2 monitoring for that unit. Enter the code on the form.

<b>Code</b>	<b>Description</b>
CEMS	A unit that is complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO <sub>x</sub> and heat input.
CEMSD	A gas or oil-fired unit that is complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO <sub>x</sub> , and with the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.
PEAK	A gas or oil-fired peaking unit that is complying with the monitoring requirements of 40 CFR Part 75, Appendix E for NO <sub>x</sub> , and with the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.
LME	A gas or oil-fired unit that is complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for NO <sub>x</sub> and heat input.
ALTMON	A unit that is complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for NO <sub>x</sub> and heat input.
REXM	Applying for a retired unit exemption under 40 CFR Part 97, Subpart EEEEE (CSAPR NO <sub>x</sub> Ozone Season Group 2 Trading Program) (Applicant must also submit required additional information in a separate cover letter.)

**Texas SO<sub>2</sub>:**

Enter "YES," if the unit is complying with the requirements of 40 CFR Part 97, Subpart FFFFF (Texas SO<sub>2</sub> Trading Program). Otherwise, enter "NO."

**Texas SO<sub>2</sub> Monitoring:**

Select one of the following options that describe the Texas SO<sub>2</sub> monitoring for that unit. Enter the code on the form.

<b>Code</b>	<b>Description</b>
CEMS	A unit that is complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO <sub>2</sub> and 40 CFR Part 75, Subpart H for heat input.
CEMSD	A gas or oil-fired unit that is complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO <sub>2</sub> and heat input.
LME	A gas or oil-fired unit that is complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for SO <sub>2</sub> and heat input.



## Form OP-SUMR Instructions

ALTMON	A unit that is complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for SO <sub>2</sub> and heat input.
REXM	Applying for a retired unit exemption under 40 CFR Part 97, Subpart FFFFFF (Texas SO <sub>2</sub> Trading Program) (Applicant must also submit required additional information in a separate cover letter.)

### **COR:**

Enter YES to indicate that the applicant has submitted the COR to the EPA for the Acid Rain and CSAPR programs, as applicable, and has included a copy of the required COR to the TCEQ with this submittal. (Providing the required COR copy to TCEQ authorizes the DR (or ADR) to sign Form OP-CRO1, page 2, to certify Acid Rain and CSAPR program application submittals.)

**Texas Commission on Environmental Quality  
Federal Operating Permit Program  
Individual Unit Summary for Revisions  
Form OP-SUMR**

**Table 1**

Date		Permit No.			Regulated Entity No.		
1/23/2025		O-01631			100222488		
Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	1	26EMERGG1	OP-UA2	Bldg 26 Emergency Generator	N	106.511/09/04/2000	N/A
D	2	53	OP-UA6	HOLMAN BOILER	N	7/10/04/1995	N/A
D	3	1-BLR1	OP-UA6	Bldg 1 Weil Mclain Boiler #1	N	<b>106.183/09/04/2000</b>	N/A
D	4	1-BLR2	OP-UA6	Bldg 1 Weil Mclain Boiler #2	N	106.183/09/04/2000	N/A
D	5	1-BLR3	OP-UA6	Bldg 1 Weil Mclain Boiler #3	N	106.183/09/04/2000	N/A
D	6	1-BLR4	OP-UA6	Bldg 1 Weil Mclain Boiler #4	N	106.183/09/04/2000	N/A
D	7	51	OP-UA6	EAST BIRCHFIELD BOILER	N	7/01/08/1980	N/A
D	8	52	OP-UA6	WEST SELLERS BOILER	N	7/01/08/1980	N/A
D	9	45	OP-UA6	EAST BIRCHFIELD BOILER	N	8/05/08/1972	N/A
D	10	46	OP-UA6	WEST BIRCHFIELD BOILER	N	8/05/08/1972	N/A
D	11	47	OP-UA6	NORTH SELLERS BOILER	N	8/05/08/1972	N/A
D	12	48	OP-UA6	MIDDLE SELLERS BOILER	N	8/05/08/1972	N/A
D	13	49	OP-UA6	SOUTH SELLERS BOILER	N	8/05/08/1972	N/A

**Table 1 Cont.**

<b>Unit/Process AI</b>	<b>Unit/Process Revision No.</b>	<b>Unit/Process ID No.</b>	<b>Unit/Process Applicable Form</b>	<b>Unit/Process Name/ Description</b>	<b>Unit/Process CAM</b>	<b>Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106</b>	<b>Preconstruction Authorizations Title I</b>
<b>D</b>	<b>14</b>	<b>BLDG1CTA</b>	<b>OP-UA13</b>	<b>BUILDING 1 COOLING TOWER A</b>	<b>N</b>	<b>8/05/05/1976</b>	<b>N/A</b>
<b>D</b>	<b>15</b>	<b>BLDG1CTB</b>	<b>OP-UA13</b>	<b>BUILDING 1 COOLING TOWER B</b>	<b>N</b>	<b>106.371/09/04/2000</b>	<b>N/A</b>
<b>A</b>	<b>16</b>	<b>BDG26BCT</b>	<b>OP-UA13</b>	<b>BUILDING 24 COOLING TOWER</b>	<b>N</b>	<b>106.371/09/04/2000</b>	<b>N/A</b>
<b>A</b>	<b>17</b>	<b>BLDG24CT</b>	<b>OP-UA13</b>	<b>BUILDING 26 COOLING TOWER</b>	<b>N</b>	<b>106.371/09/04/2000</b>	<b>N/A</b>
<b>A</b>	<b>18</b>	<b>BLDG29CT</b>	<b>OP-UA13</b>	<b>BUILDING 29 COOLING TOWER</b>	<b>N</b>	<b>8/01/08/1980</b>	

**Texas Commission on Environmental Quality**  
**Federal Operating Permit Program**  
**Individual Unit Summary for Revisions**  
**Form OP-SUMR**  
[Table 2](#)

Date	Permit No.	Regulated Entity No.

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.

**Texas Commission on Environmental Quality  
Federal Operating Permit Program  
Individual Unit Summary for Revisions  
Form OP-SUMR**

**Table 3: Acid Rain, Cross-State Air Pollution Rule (CSAPR), and Texas SO<sub>2</sub> Trading Program**

Date	Permit No.	Regulated Entity No.

Unit ID No.	Applicable Form	COR Unit ID No.	Acid Rain	ARP Status	CSAPR	CSAPR Monitoring	Texas SO <sub>2</sub>	Texas SO <sub>2</sub> Monitoring	COR

**Form OP-REQ2**  
**Negative Applicable/Superseded Requirement Determinations**  
**Texas Commission on Environmental Quality**

**General:**

The purpose of this form is to document negative applicability from potentially applicable requirements or to document duplicative, redundant, and or contradicting requirements that have been superseded by a more stringent or equivalent requirement for units, groups, and processes when a permit shield is requested. Negative applicability or superseded requirement determinations when a permit shield is NOT requested may be documented on this form OR the appropriate OP-UA form.

A negative applicability determination is any regulatory citation that provides the basis whereby every operating condition of an emission unit is not subject to a regulation. For example; Title 40 Code of Federal Regulation § 60.110b(a) [40 CFR § 60.110b(a)] could be the regulatory basis for a negative applicability determination for a VOC storage tank of less than 75 cubic meters; therefore, the storage tank is completely exempt from 40 CFR Part 60, Subpart Kb.

*Note: Numerous regulatory citations appear to authorize exemptions to qualifying units from those regulations. However, closer examination typically reveals that there are still some requirements which must still be met (such as monitoring and/or recordkeeping).*

For certain emission units subject to certain 40 CFR Part 63 standards, other federal regulations may apply. In many instances one of the overlapping regulations may specify which rule supersedes the other. The regulation may state that the owner or operator only has to comply with a specific subpart after the compliance date or it may state that compliance with the subpart is deemed to be in or constitute compliance with other subparts. Although superseded rules do not qualify as negative applicability determinations, it has been determined that these instances can be documented on the Form OP-REQ2, if the applicant elects to comply only with the superseding requirement. For example; a Group 1 or Group 2 Storage Tank, subject to 40 CFR Part 63, Subpart G, may not be required to comply with 40 CFR Part 60, Subpart Kb due to rule overlap of 40 CFR Part 63, Subpart G. In this case, the permit applicant may request a permit shield from 40 CFR Part 60, Subpart Kb. In this case, the applicant must submit the superseding requirement citation, § 63.110(b), and a textual description of the superseding determination, if they elect to comply with only the superseding requirement.

When this form is used for an emission unit which has one or more potential applicable requirements, the applicant must list all the requirements for which negative applicability or superseded requirement determinations can be made. Once the negative applicability or superseded requirement determinations have been made, indicate the citation and reason for the non-applicability or superseded requirement in the appropriate columns. Indicate the determinations for all potentially applicable requirements for each emission unit before listing the next unit.

Negative applicability or superseded requirement determinations for potentially applicable requirements, confirmed by the TCEQ, may be approved as a permit shield (see instructions outlined in Area Wide Applicability Determinations, Form OP-REQ1, to request a permit shield). However, if a permit shield is requested, an OP-REQ2 is always required. For additional information relating to permit shields, refer to the TCEQ guidance document entitled "Permit Shield Guidance ([www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title\\_V/permit\\_shield.pdf](http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/permit_shield.pdf))".

The Company Name and Area Name (from Form OP-1, Section I and X, respectively) must appear in the header block of each page for purposes of identification. The date of submittal must also be included, and should be consistent throughout the application (MM/DD/YYYY). Any subsequent submittals must show the date of revision. Also enter the Regulated Entity Number (RNXXXXXXXX) and Permit Number (OXXXX), if assigned.

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**Specific:****Unit Action Indicator (AI):**

Only complete this section for the permit revision/renewal. Enter “A” if the entry is a permit addition. Otherwise, enter “D” to indicate a deletion.

**Revision No.:**

Complete this section only for the permit revision/renewal. Enter the number identified on Form OP-2 (Application for Permit Revision). This number will link the specific negative applicable requirement determination to the appropriate revision.

**Unit/Group/Process:****ID NO.:**

Enter the identification number (ID No.) (maximum 10 characters) of the unit, group, or process as listed on Form OP-SUM (Individual Unit Summary).

**Applicable Form:**

Enter the number of the UA form which contains the specific information for the corresponding emission unit, emission point, or process (i.e., for flares enter “OP-UA7” entitled “Flares”) if the unit/emission point, process has other applicable requirements. If negative applicability determinations are only being substantiated on this form by a textual description of the reason, and the emission unit, emission point, or process has no other positive applicability, enter “OP-REQ2.” The Applicable Form entered on OP-REQ2 must match the applicable form entered on OP-SUM for the emission unit, emission point, or process.

**Potentially Applicable Regulatory Name:**

Enter the name of the potentially applicable requirement (maximum 25 characters) for which negative applicability or superseded requirement is being demonstrated.

*Note: Permit shields cannot be granted for permit authorizations of any kind (i.e. - PSD, NSR permit, Acid Rain, etc.).*

**Negative Applicability or Superseded Requirement Citation:**

Enter the citation of the paragraph of the rule that was used to determine negative applicability or superseded requirements. Provide the citation detail to the level of the paragraph allowing the exemption, exclusion, or non-applicability. If there is more than one citation for determining negative applicability or superseded requirements, select the most appropriate or the clearest (least likely to be misinterpreted). Negative applicability or superseded requirement determinations by the applicant are subject to auditing during the permit application review. The applicant must always indicate the negative applicability or superseded requirement citation on the OP-REQ2. For examples on the level of detail for citations, see table below (maximum 36 characters).



## Example Applicable Regulatory Requirements\*

Regulation	Name (Input Format)	Citation (Input Format)
30 TAC Chapters 111, 112, 113, 115 and 117	Chapter 111	§ 111.XXX(x)(yy)(zz)
	Chapter 112	§ 112.XXX(x)(yy)(zz)
	Chapter 113	§ 113.XXX(x)(yy)(zz)
	Chapter 115, Storage of VOCs	§ 115.XXX(x)(yy)(zz)
	Chapter 117, ICI	§ 117.XXX(x)(yy)(zz)
40 CFR Part 60, Subparts A-WWW, New Source Performance Standards (NSPS)**	NSPS XXX	§ 60.XXX(x)(yy)(zz)
40 CFR Part 61, Subparts A-FF National Emission Standards for Hazardous Air Pollutants (NESHAP)	NESHAP XX	§ 61.XX(x)(yy)(zz)
40 CFR Part 63, Subparts A-Y+, NESHAP by source category, including hazardous organic NESHAP (HON)	MACT XX	§ 63.XXX(x)(yy)(zz)

\* This list is not intended to be exhaustive

\*\* The inclusion of 40 CFR Part 60, Subpart A is only for those requirements contained in 40 CFR § 60.18

**Negative Applicability/Superseded Requirement Reason:**

Enter a textual description indicating the reason for the negative applicability or superseded requirement determination. If a permit shield is requested, the textual description provided will be recreated as the *Basis of Determination* for the permit shield in the permit. The description may include rule text, rule preamble, or other text resulting from a historical rule interpretation, EPA applicability determination Index (ADI), or case law. Use multiple lines if necessary (maximum 250 characters).

**Form OP-REQ2**  
**Negative Applicable/Superseded Requirement Determinations**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
1/23/2025	O-01631	100222488

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
A	16	BDG26BCT	OP-UA13	MACT Q	§ 63.400(a)	Non-Contact Cooling towers that do not contain a HAP.
A	17	BLDG24CT	OP-UA13	MACT Q	§ 63.400(a)	Non-Contact Cooling towers that do not contain a HAP.
A	18	BLDG29CT	OP-UA13	MACT Q	§ 63.400(a)	Non-Contact Cooling towers that do not contain a HAP.

**Texas Commission on Environmental Quality**  
**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1**  
**Federal Operating Permit Program**

Date:	01/14/2025
Permit No.:	O-01631
RN No.:	100222488

*For SOP applications, answer ALL questions unless otherwise directed.*

◆ *For GOP applications, answer ONLY these question unless otherwise directed.*

<b>Form OP-REQ1: Page 88</b>	
<b>XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)</b>	
◆ <b>I. Permits by Rule (30 TAC Chapter 106) for the Application Area</b>	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 106.454	Version No./Date: 11-1-2001
PBR No.: 106.231	Version No./Date: 9-4-2000
PBR No.: 106.433	Version No./Date: 9-4-2000
PBR No.: 106.375	Version No./Date: 9-4-2000
PBR No.: 106.261	Version No./Date: 11-1-2003
PBR No.: 106.262	Version No./Date: 11-1-2003
PBR No.: 106.265	Version No./Date: 9-4-2000
PBR No.: 106.263	Version No./Date: 11-1-2001
PBR No.: 106.227	Version No./Date: 9-4-2000
PBR No.: 106.451	Version No./Date: 9-4-2000
PBR No.: 106.452	Version No./Date: 9-4-2000
PBR No.: 106.183	Version No./Date: 11-1-2001
PBR No.: 106.532	Version No./Date: 9-4-2000
PBR No.: 106.371	Version No./Date: 9-4-2000
PBR No.: 106.511	Version No./Date: 9-4-2000
PBR No.: 106.472	Version No./Date: 9-4-2000
◆ <b>J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum</b>	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

**Form OP-PBRSUP - Instructions**  
**Permits By Rule Supplemental Table**  
**Texas Commission on Environmental Quality**

**General:**

The form is used to provide supplemental information for all Permits by Rule (PBRs) that authorize emission units for a site (or area) subject to the requirements of the Federal Operating Permit (FOP) Program. For emission units identified on Form OP-SUM or Form OP-SUMR, the PBR registration number identified in Section A must also be included on Form OP-SUM or Form OP-SUMR.

The Texas Commission on Environmental Quality (TCEQ) regulated entity reference number (RNXXXXXXXXXX), if assigned, and the application area name from Form OP-1 (Site Information Summary) must appear on the header of each page for purposes of identification for the initial submittal. The date of the initial submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). The date on each table should be revised with any updated submittal provided during the review process. Leave the permit number blank only if the initial form submittal accompanies an initial application. If this form is included as part of the permit renewal or revision process, enter the FOP permit number assigned by the TCEQ, the area name from Form OP-1, the date of the renewal or revision submittal, and the regulated entity reference number. The form OP-PBRSUP should be submitted for any PBR authorization updates with each revision and renewal application.

The TCEQ requires that a Core Data Form be submitted on all incoming applications/registrations unless a regulated entity reference number and customer reference number have been issued by the TCEQ and no core data information has changed. If a regulated entity reference number or customer reference number has been issued, then the number must be noted on the request or applicable form. For more information regarding the Core Data Form, call (512) 239-5175 or go to the TCEQ website at: [www.tceq.texas.gov/permitting/central\\_registry/guidance.html](http://www.tceq.texas.gov/permitting/central_registry/guidance.html)

**Specific:**

Permits by Rule (30 TAC Chapter 106) for the Application Area

**Emission units authorized under the following PBRs and any corresponding historical (pre-March 1997) SEs are required to be listed in sections A, B, and D:**

PBR No.	Name or Subject	PBR No.	Name or Subject
106.124	Pilot Plants	106.373	Refrigeration Systems
106.142	Rock Crushers	106.374	Lime Slaking
106.144	Bulk Mineral Handling	106.375	Aqueous Electrolytic
106.145	Bulk Sand Handling	106.376	Decorative Chrome Plating
106.146	Soil Stabilization Plants	106.392	Thermoset Resin
106.147	Asphalt Concrete Plants	106.393	Convey/Storage Plastic/Rubber
106.150	Asphalt Silos	106.395	Plastic/Rubber Mix (No Solvent)
106.181	Used Oil Combustion Units	106.396	Plastic Rubber Mix (Solvent)
106.182	Ceramic Kilns	106.411	Steam or Dry Cleaning Equipment
106.183	Boilers, Heaters, and Other Combustion Units	106.412	Fuel Dispensing
106.221	Extrusion Presses	106.416	Uranium Recovery

PBR No.	Name or Subject	PBR No.	Name or Subject
106.223	Sawmills	106.417	Ethylene Oxide Sterilizers
106.224	Aerospace	106.418	Printing Presses
106.225	Semiconductor	106.419	Photographic Process Equipment
106.226	Coating Manufacturing	106.433	Surface Coat
106.227	Soldering, Brazing, Welding	106.434	Powder Coating Facility
106.231	Wood Products	106.435	Classic or Antique Auto Restoration Facility
106.245	Ethyl Alcohol Facilities	106.436	Auto Body Refinishing
106.261	Facility; Emission Limits	106.452	Dry Abrasive Cleaning
106.262	Facility; Emission/Distance	106.454	Degreasing
106.263	Repairs and Maintenance	106.472	Organic/Inorganic Liquid Loading and Unloading
106.264	Replacements of Facilities	106.473	Organic Liquid Loading and Unloading
106.265	Hand-Held/Manually Operated Machines	106.474	Hydrochloric Acid Storage
106.281	Feed Milling	106.475	Pressure Tank or Vent to Firebox
106.283	Grain Handling	106.476	Pressure Tank or Vent to Control
106.311	Crucible or Pot Furnace	106.477	Anhydrous NH <sub>3</sub> Storage
106.314	Shell Core and Mold Machines	106.478	Storage Tank and Change Service
106.315	Sand or Investment Molds	106.491	Dual Chamber Incinerators
106.320	Miscellaneous Metallic Treatment	106.492	Flares
106.321	Metal Melting and Holding Furnace	106.493	Direct Flame Incinerators
106.322	Furnace to Reclaim Aluminum or Copper	106.494	Pathological Waste Incinerators
106.332	Chlorine Repackaging	106.495	Heat Cleaning Devices
106.351	Salt Water Disposal	106.496	Air Curtain Incinerators
106.352	Oil and Gas Production	106.511	Portable and Emergency Engines and Turbines

PBR No.	Name or Subject	PBR No.	Name or Subject
106.353	Temporary Oil and Gas Facilities	106.512	Stationary Engines and Turbines
106.354	Iron Sponge Gas-Treating Unit	106.513	Natural Gas-Fired Combined Heat and Power Units
106.355	Pipeline Metering, Purging, and Maintenance	106.532	Water/Wastewater Treatment
106.359	Planned Maintenance, Startup, and Shutdown (MSS) at Oil and Gas Handling and Production Facilities	106.533	Water and Soil Remediation
106.371	Cooling Water Units	106.534	Municipal Solid Waste Landfills and Transfer Stations

**A. Registered Permits by Rule (30 TAC Chapter 106) for the Application Area**

This section provides all PBR authorized emission units for the application area that require registration with the TCEQ.

**Unit ID No.:**

Enter the identification number (ID No.) for the emission unit authorized by the registered PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

**Registration No.:**

Enter the registration number provided by TCEQ upon authorization.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Registration Date:**

Enter the date (MM/DD/YYYY) the authorization was issued to the site. This is the date of the PBR authorization letter.

**B. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**

This section provides all PBR authorized emission units for the application area that are claimed (and not registered).

**Unit ID No.:**

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Version No./Date:**

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

**C. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area**

This section provides all PBR authorizations for the application area that are not identified in the table above and are considered insignificant sources.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Version No./Date:**

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

**D. Monitoring Requirements for registered and claimed PBRs for the Application Area**

This section provides the monitoring and/or record keeping requirements sufficient to demonstrate compliance for the registered and claimed PBRs identified in sections A and B.

**Unit ID No.:**

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Version No./Date:**

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

**Monitoring Requirement:**

Provide the monitoring and/or record keeping requirements used to demonstrate compliance with the applicable PBR conditions, general requirements of 30 TAC §106.4 or general requirements (if any) in effect at the time of the claim, and any certified registration of emission limits as applicable for the emission units. The specificity of the monitoring and/or recordkeeping requirements is required to be consistent with the [Periodic Monitoring Guidance](#) and include the following:

- Identify one or more indicators of emission control performance for the control device, or the parameter to be monitored if a control device is not utilized. Indicators may include, but are not limited to, direct or predicted emissions (including visible emissions or opacity), control device parameters, process parameters which are correlated to an emission rate through performance testing or AP-42 emission factors, or recorded finding of inspection and maintenance activities conducted by the owner or operator.
- Identify the frequency of conducting the monitoring. The monitoring frequencies should be consistent with the minimum monitoring frequency found in the applicable PM guidance document. For example, control device parameters may be monitored once per week.
- If applicable, identify the period over which discrete data points will be averaged.

**Permit By Rule Supplemental Table (Page 1)**  
**Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

Unit ID No.	Registration No.	PBR No.	Registration Date
27PB3	167705	106.433	3/2/2022
27PB4	167705	106.433	3/2/2022
27OVEN3	167705	106.183	3/2/2022
27OVEN4	167705	106.183	3/2/2022



**Permit By Rule Supplemental Table (Page 2)**  
**Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

Unit ID No.	PBR No.	Version No./Date
Hand Operated Drills, Grinders, CNC, Mills, Sanders Etc.	106.265	11/1/2003
Hand Brazing & Soldering Equipment	106.227	9/4/2000
Dry Abrasive Blasting: Aluminum Oxide	106.452	9/4/2000
Dry Abrasive Blasting: Garnet	106.452	9/4/2000
Dry Abrasive Blasting: Steel Shot	106.452	9/4/2000
Dry Abrasive Blasting: Soda	106.452	9/4/2000
Dry Abrasive Blasting: Dry Ice	106.452	9/4/2000
CD B2-1	106.454	11/1/2001
CD B27-1	106.454	11/1/2001
CD B5-1	106.454	11/1/2001

**Permit By Rule Supplemental Table (Page 3)**  
**Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

PBR No.	Version No./Date
SE5	5/5/1976
SE7	4/4/1975
SE7	1/8/1980
SE7	11/25/1985
SE7	11/5/1986
SE8	4/4/1975
SE8	1/8/1980
SE8	9/23/1982
SE8	8/30/1988
SE15	9/17/1973

**Permit By Rule Supplemental Table (Page 4)**  
**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
01/23/2025	O-01631	10222488

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
Hand Operated Drills, Grinders, CNC, Mills, Sanders Etc.	106.265	11/1/2003	None
Hand Brazing & Soldering Equipment	106.227	9/4/2000	None
Dry Abrasive Blasting: Aluminum Oxide	106.452	9/4/2000	None
Dry Abrasive Blasting: Garnet	106.452	9/4/2000	None
Dry Abrasive Blasting: Steel Shot	106.452	9/4/2000	None
Dry Abrasive Blasting: Soda	106.452	9/4/2000	None
Dry Abrasive Blasting: Dry Ice	106.452	9/4/2000	None
CD B2-1	106.454	11/1/2001	Quarterly Inspection
CD B27-1	106.454	11/1/2001	Quarterly Inspection
CD B5-1	106.454	11/1/2001	Quarterly Inspection

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2 Instructions  
Texas Commission on Environmental Quality**

*Please note that a Change of Name/Ownership should be submitted on TCEQ Form Number 20405 to ensure that all affected federal operating permits and new source review pre-construction authorizations are updated with the Air Permits Division. If there is no other change to the FOP or any underlying requirements of the FOP, then Form OP-2 is not required. Form Number 20405 is located on the TCEQ website at [www.tceq.texas.gov/assets/public/permitting/air/Forms/20405.pdf](http://www.tceq.texas.gov/assets/public/permitting/air/Forms/20405.pdf).*

**General:**

Owners or operators of a site having a federal operating permit (FOP), in accordance with Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), must complete and submit an FOP revision application for those activities at a site which change, add, or remove one or more permit terms or conditions (or changes any underlying requirements in the FOP).

In addition, these owners or operators must complete and submit an application for renewal of a Site Operating Permit (SOP) or authorization to operate (ATO) under a General Operating Permit (GOP) at least 6 months, but no earlier than 18 months, before the date of expiration of the SOP or ATO under a GOP. Permit holders applying for renewal may include revisions during the application processing.

The FOP revision/renewal application must be submitted to the Texas Commission on Environmental Quality (TCEQ), Office of Air, Air Permits Division (APD), and a copy must be submitted to the appropriate TCEQ regional office. The TCEQ requires that a Core Data Form be submitted on all incoming applications unless a Regulated Entity and Customer Reference Number have been issued by the TCEQ and no core data information has changed. For more information regarding the Core Data Form, call (512) 239-5175 or visit the TCEQ website at [www.tceq.texas.gov/permitting/central\\_registry/index.html](http://www.tceq.texas.gov/permitting/central_registry/index.html).

Title 30 Texas Administrative Code § 122.132(c) [30 TAC § 122.132(c)] (relating to “Application and Required Information for Initial Permit Issuance, Reopening, Renewal, or General Operating Permits”) and 30 TAC § 122.134(c) (relating to “Complete Application”) authorize an applicant to submit an abbreviated initial application. Abbreviated revision and renewal applications are not authorized under 30 TAC Chapter 122 and will not be accepted as complete and/or timely applications.

**For submissions to EPA:**

EPA Region 6 office has requested that all applications, including any updates, submitted to EPA be provided in electronic format via email to [R6AirPermitsTX@epa.gov](mailto:R6AirPermitsTX@epa.gov). Microsoft Word for text, Excel for spreadsheets, and a searchable Adobe Acrobat (pdf) file are the preferred formats. Do not submit any compressed or zip files, or files with a “.exe” extension. Do not submit any individual files larger than 10 megabytes via email, and the total size of all attachments cannot exceed 25 megabytes per email. EPA will accept larger files via FTP transfer. Send an email to [wilson.aimee@epa.gov](mailto:wilson.aimee@epa.gov) to request an FTP link for submittals. Submit confidential information as a separate file and clearly label it with “confidential” or “CBI” in the filename. Identify the associated permit number when submitting information. No hard copies of the information contained in the application should be submitted to EPA.

Please contact Ms. Aimee Wilson ([wilson.aimee@epa.gov](mailto:wilson.aimee@epa.gov)) at (214) 665-7596 if you have any questions pertaining to electronic submittals.

**Permit Revision Types:**

The three permit revision types for an SOP are as follows: administrative revision, minor revision, and significant revision. The type of permit revision that is required will depend on the type of change at the site or to the SOP. Additional information on SOP revisions and application requirements can be found in the SOP Revision Application Guidance, which is located on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_site\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_site_guidance.html).

For administrative revisions, 30 TAC § 122.213(a)(1) requires the permit holder to record and maintain the information required in 30 TAC § 122.212 with the permit before the change is operated.

For minor revisions due to changes at a site, 30 TAC § 122.217(a)(2) requires the permit holder to submit an application containing the information required in 30 TAC § 122.216 before the change is operated. This information must also be maintained with the permit.

For significant revisions, 30 TAC § 122.221(a)(2) requires the permit holder to submit the information in 30 TAC § 122.220 and obtain a revised permit before the change is operated.

For revisions to an ATO under a GOP due to changes at a site, 30 TAC § 122.503(c)(2) requires the permit holder to submit an application that contains information required in 30 TAC § 122.503(b) before the change is operated. This information must also be maintained with the permit. When a GOP is revised or repealed, the applicant must record and maintain the information required in 30 TAC §§ 122.504(a)(1)(A)-(E) before the compliance date of the new requirement or the effective date of the repealed requirement. This application must be submitted no later than 90 days after the compliance date of the new requirement or the effective date of the repealed requirement.

Further information regarding GOP application requirements can be found in the GOP Revision Application Guidance, which is located on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_gop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_gop_guidance.html).

### Form Page Header:

Enter the following information in the header of each page: Date (MM/DD/YYYY) of application submission, Permit Number, Regulated Entity Number, and Company Name.

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## Table 1

### Specific:

#### I. Application Type:

Indicate the type of application by checking the appropriate box. Please choose only one.

##### Renewal:

The application is for a renewal of an SOP or ATO under a GOP. The permit holder may include any revisions on this form to be processed under the renewal application. For renewals, the application type will be handled as a renewal regardless of the type of revisions that are included. If a Streamlined Revision (as explained below) is included in the renewal, all applicable provisional terms, and conditions must be included in the application. If a Significant Revision is included with the renewal, the information in Table 3, Section I of this form must be completed.

##### Significant Revision:

The application contains significant permit revisions as defined in 30 TAC § 122.219. Applicants must revise the permit before operating.

##### Administrative Revision:

The application contains administrative permit revisions as defined in 30 TAC § 122.211.

##### Streamlined Revision:

The application contains either **minor permit revisions** as defined in 30 TAC § 122.215 or **revisions to an ATO under a GOP** as defined in 30 TAC § 122.503 or § 122.504, and in which the applicant intends to begin operation prior to updating the permit.

For Streamlined Revision applications, the permit holder must establish and submit provisional terms and conditions as defined in 30 TAC § 122.10. The provisional terms and conditions must include complete identification of all applicable requirements resulting from the change(s) at the site, or any other action, that trigger the requirement for a permit revision (i.e. require the permit holder to apply for a revision of the SOP or revision of the ATO under a GOP). Provisional terms and conditions must also include, where applicable, specific

regulatory citations identifying any requirements that no longer apply. Provisional terms and conditions cannot be established and submitted for any change(s) that trigger a significant revision of the SOP.

When an applicant identifies and submits provisional terms and conditions as part of a permit revision application, or an FOP renewal application that includes revisions to the applicable requirements, these terms and conditions become applicable requirements for the permit area/site. This means that provisional terms and conditions established in this manner are considered as applicable requirements for the permit area/site, after the permit revision or permit renewal application is submitted by the permit holder. The permit holder shall comply with these provisional terms and conditions and meet the requirements of 30 TAC Chapter 122, including deviation and compliance reporting, after the permit revision or permit renewal application is submitted. Note that the choice to establish provisional terms and conditions applies to all requested changes within a Streamlined Revision application.

SOP holders must establish provisional terms and conditions (detailed regulatory citations) and submit this information on Table 2 (of this form) or Form OP-REQ3.

GOP holders must establish provisional terms and conditions (detailed regulatory citations) and submit this information on Table 2 (of this form) or Form OP-REQ3. As an alternative, if the provisional terms and conditions are specified in an applicable GOP Index Number, the appropriate Unit Attribute form may be completed and submitted.

If the applicant does not elect to establish provisional terms and conditions in their application, then the change cannot be operated until the FOP is revised or renewed to codify the applicable requirements into the FOP.

**Revision Requesting Prior Approval:**

The application contains either minor permit revisions as defined in 30 TAC § 122.215 or revisions to an ATO under a GOP as defined in 30 TAC § 122.503 and in which the applicant elects to update the permit prior to operating the change.

**Response to Reopening:**

The application contains changes needed to the permit as a result of a reopening notice by the TCEQ. (These changes will be processed under the reopening procedures outlined in 30 TAC Chapter 122, Subchapter C, Division 3.)

**II. Qualification Statement**

*Note: These questions refer to the permit being revised.*

**For SOP Revisions Only:**

Check the “YES” box if the referenced changes qualify for the marked revision type. Otherwise, check the “NO” box.

**For GOP Revisions Only:**

Check the “YES” box if the referenced changes do not affect the site’s authorization to operate under a GOP. Otherwise, check the “NO” box.

**III. Major Source Pollutants:**

*(Complete this section if the permit revision is due to a change at the site or change in regulations.)*

Indicate all pollutants for which the site is a major source based on the site’s potential to emit after the change is operated:

Enter “YES” below all the pollutants for which the site is classified as a major source, as defined in 30 TAC § 122.10, based on the site’s potential to emit. Enter “NO” below all the pollutants for which the site is not a major source. Do not leave any spaces blank.

The column “Other” is provided for a listing of non-criteria regulated air pollutants for which a site is a major source. (Example: chlorinated compounds, inorganic acids). List the pollutant name in the space provided (maximum 20 characters). If there are none, leave this space blank.

Further information regarding the potential to emit can be found in the Potential to Emit Guidance, which is located on the TCEQ website at [tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

#### IV. **Reference Only Requirements:** *(For reference only.)*

##### **Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)?**

Check the “YES” box if the applicant has paid all emissions fees due during the most recent agency fiscal year (September 1 through August 31). Otherwise, check the “NO” box. If the applicant is not required to pay emissions fees, check the “N/A” box.

*Note: If the answer to IV Fee Information is “NO,” the applicant is required to contact the Industrial Emissions Assessment Section at (512) 239-1459. For further information regarding inspection fees and emission fees, please refer to 30 TAC § 101.24 and § 101.27.*

#### V. **Delinquent Fees and Penalties**

Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ is paid in accordance with the “Delinquent Fee and Penalty Protocol.” For more information regarding Delinquent Fees and Penalties, go to the TCEQ website at [www.tceq.texas.gov/agency/financial/fees/delin](http://www.tceq.texas.gov/agency/financial/fees/delin).

### **Table 2**

#### I. **Description of Revision**

##### **Revision Number:**

The revision number uniquely identifies each revision item within the application and may not be reused within the same revision application. Each revision item will be identified by a revision number, which should be assigned sequentially (i.e., “1”, “2”, “3”). The same revision number will be used on Forms OP REQ2 (Negative Applicable Requirement Determinations) and OP-REQ3 (Applicable Requirements Summary) to identify related changes resulting from the corresponding revision item. Enter a unique number for each revision.

##### **Revision Code:**

The revision code determines how each revision will be processed by the APD. Select one of the following options for revision code. Enter the code on the form. For **renewal applications**, select all codes that apply.

##### **Significant Revision (SOPs only):**

<b>Code</b>	<b>Description</b>
SIG-A	A significant change to existing monitoring, recordkeeping, reporting, or testing terms or conditions.
SIG-B	Change requiring a case-by-case determination of an emission limit or other standard, or source specific determination for temporary sources of ambient impacts, or a visibility or increment analysis.
SIG-C	Affects or adds a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject.
SIG-D	Is a modification under provisions of FCAA, Title 1.
SIG-E	Any other change that does not qualify for an administrative or minor revision.

##### **Administrative Revision (SOPs only):**

<b>Code</b>	<b>Description</b>
ADMIN-A	Corrects typographical errors.
ADMIN-B	Identifies a change in the name, address, or phone number of any person identified in the permit or provides a similar administrative change at the site.

ADMIN-C	Increases the frequency of monitoring or reporting requirements without changing any existing emission limitations or standards.
ADMIN-D	Changes the permit identification of ownership or operational control of a site where the TCEQ Executive Director determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the old and new permit holder is maintained with the permit. <i>For Change of Name/Ownership revision only (no other change to the SOP or any underlying requirements), submit TCEQ Form Number 20405; Form OP-2 is not required. Form Number 20405 is located on the TCEQ website at <a href="http://www.tceq.texas.gov/assets/public/permitting/air/Forms/20405.pdf">www.tceq.texas.gov/assets/public/permitting/air/Forms/20405.pdf</a>.</i>
ADMIN-E	Affects or adds a state-only requirement.
ADMIN-F	Changes the location of an off-site permit location.
ADMIN-G	Changes that have been approved by EPA to be administrative revisions. <i>Further information may be found in the SOP Revision Application Guidance, which is located on the TCEQ website at <a href="http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html">www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html</a>.</i>

**Minor Revision (for SOP Streamlined Revision and Revision Requesting Prior Approval):**

Code	Description
MS-A	Adds or modifies a minor New Source Review (NSR) pre-construction authorization.
MS-B	Adding or deleting a Compliance Assurance Monitoring or Periodic Monitoring option number to a unit in an SOP.
MS-C	All other changes qualify for a minor revision.

**Revision to an ATO under a GOP due to changes at a site (for Streamlined Revision and Revision Requesting Prior Approval):**

Code	Description
GS-A	A change, addition, or removal of any applicability determinations or the basis of any determinations in the original GOP application.
GS-B	A correction of typographical errors.
GS-C	A change in the permit identification of ownership or operational control of a site where the TCEQ Executive Director determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the old and new permit holder is maintained with the permit. <i>For Change of Name/Ownership revision only (no other change to the ATO under a GOP or any underlying requirements), submit TCEQ Form Number 20405; Form OP-2 is not required. Form Number 20405 is located on the TCEQ website at <a href="http://www.tceq.texas.gov/assets/public/permitting/air/Forms/20405.pdf">www.tceq.texas.gov/assets/public/permitting/air/Forms/20405.pdf</a>.</i>

**Revision to an ATO under a GOP due to changes in a rule (for Streamlined Revision and Revision Requesting Prior Approval):**

Code	Description
GR-A	A revision when a GOP is revised or repealed.
GR-B	A regulation is revised.
GR-C	Adding or deleting a Compliance Assurance Monitoring or Periodic Monitoring option number to a unit in an ATO under a GOP.

**Revision Due to a Reopening (SOPs only):**

Code	Description
REO	A change, addition, or removal of any applicable requirement resulting from a reopening. Use this code only when revising your permit in response to a permit reopening letter from the TCEQ.



**Unit/Group/Process****New Unit:**

Enter “YES” if this revision is identifying the addition of a new emission unit not previously identified on any other revision application for this permit. Otherwise, enter “NO.”

**ID No.:**

Enter the identification number (ID No.) of the unit, group, or process as listed on Form OP-SUM (Individual Unit Summary) or Form OP-SUMR (Individual Unit Summary for Revisions) (maximum 10 characters).

*Note: Only use group identification numbers when updating existing group information contained on Unit Attribute forms or Form OP REQ3 (Applicable Requirements Summary).*

**Applicable Form:**

Enter the number of the Unit Attribute (UA) form which contains the specific information regarding the corresponding emission unit, emission point, or process (i.e., for flares, enter OP-UA7 entitled “Flares”). A complete list of all available UA forms is located on the TCEQ website at [www.tceq.texas.gov/permitting/air/nav/air\\_all\\_ua\\_forms.html](http://www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html). Enter “OP ACPS,” if the unit ID No. is entered on this form, strictly as a result of completing Form OP-ACPS (Application Compliance Plan and Schedule) and no UA form is submitted (see Form OP-ACPS instructions for additional guidance). Enter the UA form number if the UA form is used in conjunction with Form OP-REQ2 for negative applicability, or if the emission unit, emission point, or process has positive applicability in addition to the negative applicability. Enter “OP-REQ2” if negative applicability is shown through the use of Form OP-REQ2, no UA information is used to support the negative applicability, and the emission unit, emission point, or process has no positive applicability.

**NSR Authorization:**

Identify the NSR authorizations (permit by rule (PBR) registration number, PBR number (if registration was not required), NSR permit number, standard permit registration number, etc.) for changes requiring authorization pursuant to 30 TAC Chapter 106 or Chapter 116. If an NSR authorization was not required for the change, enter N/A.

**Description of Change and Provisional Terms and Conditions:**

Enter a description of the change for which this application is being submitted and list the provisional terms and conditions as applicable. The provisional terms and conditions may be submitted on Form OP-REQ3 instead. For GOP applications, if the provisional terms and conditions are specified in an applicable GOP Index Number, the appropriate Unit Attribute form may be completed and submitted to reference the provisional terms and conditions.

**Table 3**

**I. Significant Revision** *(Complete this section if you are submitting a significant revision application or a **renewal application** that includes a significant revision.)*

**A. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?**

Check the “YES” box if the site is subject to the bilingual notice requirements pursuant to 30 TAC § 122.322. Otherwise, check the “NO” box.

The requirements of 30 TAC § 122.322 are applicable when either the elementary school or the middle school located nearest to the facility, or proposed facility, provides a bilingual education program, as required by Texas Education Code § 29.053, and 19 TAC § 89.1205(a) (relating to Required Bilingual Education and English as a Second Language Programs), or if either school has waived out of such a required bilingual education program under the provisions of 19 TAC § 89.1205(g). Schools not governed by the provisions of 19 TAC § 89.1205 should not be considered when determining the applicability of 30 TAC § 122.322 requirements.

Elementary or middle schools that offer English as a second language under 19 TAC § 89.1205(d) and are otherwise not affected by 19 TAC § 89.1205(a), will not trigger the requirements of 30 TAC § 122.322(a).

If the notices required by 30 TAC § 122.320 and § 122.340 are combined, the combined notice is subject to the requirements of this 30 TAC § 122.322.

**B. Indicate the alternate language(s) in which public notice is required:**

If the answer to the previous question is “YES,” enter the alternate language(s) for which public notice is required in the space provided. Each space should only contain one alternate language. Please use a separate page to indicate the alternate languages if additional space is required. If the answer to the previous question is “NO,” enter “NONE” in the first space provided and leave the others blank.

**C. Will there be a change in air pollutant emissions as a result of the significant revision?**

Public Notice requirements in 30 TAC §122.320(b)(5) require the air pollutants with emission changes to be listed in the notice. Check the “YES” box if there will be a change in air pollutant emissions as a result of the significant revision. If there will not be a change in emissions, check the “NO” box and skip question I.D below.

**D. Indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:**

Enter this information if the answer to I.C is “YES.” Spell out the air pollutant names; for example, nitrogen oxides, volatile organic compounds, lead, and benzene. This information will be used to determine the pollutant names to be included in the public notice.

Enter a descriptive phrase to reflect an addition, increase, decrease, or deletion of an air pollutant emission change as a result of the significant revision.

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 1  
Texas Commission on Environmental Quality**

Date: 1/23/2025	
Permit No.: O-01631	
Regulated Entity No.: 100222488	
Company Name: Bell Textron Inc.	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA? <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>	
<b>I. Application Type</b>	
Indicate the type of application:	
<input checked="" type="checkbox"/> Renewal	
<input type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
<input type="checkbox"/> Significant Revision	
<input type="checkbox"/> Revision Requesting Prior Approval	
<input type="checkbox"/> Administrative Revision	
<input type="checkbox"/> Response to Reopening	
<b>II. Qualification Statement</b>	
For SOP Revisions Only	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
For GOP Revisions Only	<input type="checkbox"/> YES <input type="checkbox"/> NO

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 1 (continued)  
Texas Commission on Environmental Quality**

**III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)**

Indicate all pollutants for which the site is a major source based on the site's potential to emit:  
(Check the appropriate box[es].)

☒ VOC                      ☐ NO<sub>x</sub>                      ☐ SO<sub>2</sub>                      ☐ PM<sub>10</sub>                      ☐ CO                      ☐ Pb                      ☐ HAP

Other:

**IV. Reference Only Requirements (For reference only)**

Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? ☒ YES ☐ NO ☐ N/A

**V. Delinquent Fees and Penalties**

Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 2  
Texas Commission on Environmental Quality**

Date: 1/23/2025
Permit No.: O-o1631
Regulated Entity No.: 100222488
Company Name: Bell Textron Inc.

Using the table below, provide a description of the revision.

Revision No.	Revision Code		Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
1	MS-C	No	26EMERGG1	OP-UA2	106.511/09/04/2000	Unit Demolished and removed from Site
2	MS-C	No	53	OP-UA6	7/10/04/1995	Unit Demolished and removed from Site
3	MS-C	No	1-BLR1	OP-UA6	106.183/09/04/2000	Unit Demolished and removed from Site
4	MS-C	No	1-BLR2	OP-UA6	106.183/09/04/2000	Unit Demolished and removed from Site
5	MS-C	No	1-BLR3	OP-UA6	106.183/09/04/2000	Unit Demolished and removed from Site
6	MS-C	No	1-BLR4	OP-UA6	106.183/09/04/2000	Unit Demolished and removed from Site
7	MS-C	No	51	OP-UA6	7/01/08/1980	Unit Demolished and removed from Site
8	MS-C	No	52	OP-UA6	7/01/08/1980	Unit Demolished and removed from Site
9	MS-C	No	45	OP-UA6	8/05/08/1972	Unit Demolished and removed from Site
10	MS-C	No	46	OP-UA6	8/05/08/1972	Unit Demolished and removed from Site

**Table 2 Cont.**

Revision No.	Revision Code		Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
11	MS-C	No	47	OP-UA6	8/05/08/1972	Unit Demolished and removed from Site
12	MS-C	No	48	OP-UA6	8/05/08/1972	Unit Demolished and removed from Site
13	MS-C	No	49	OP-UA6	8/05/08/1972	Unit Demolished and removed from Site
14	MS-C	No	BLDG1CTA	OP-UA13	8/05/05/1976	Unit Demolished and removed from Site
15	MS-C	No	BLDG1CTB	OP-UA13	106.371/09/04/2000	Unit Demolished and removed from Site
16	MS-C	No	BDG26BCT	OP-UA13	106.371/09/04/2000	Added to Permit Shield – Neg Applicability
17	MS-C	No	BLDG24CT	OP-UA13	106.371/09/04/2000	Added to Permit Shield – Neg Applicability
18	MS-C	No	BLDG29CT	OP-UA13	8/01/08/1980	Added to Permit Shield – Neg Applicability

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 3  
Texas Commission on Environmental Quality**

Date:	
Permit No.:	
Regulated Entity No.:	
Company Name:	
<b>I. Significant Revision</b> <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i>	
A.	Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
B.	Indicate the alternate language(s) in which public notice is required:
C.	Will, there be a change in air pollutant emissions as a result of the significant revision? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 3  
Texas Commission on Environmental Quality**

Using the table below, indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:

Pollutant	Description of the Change in Pollutant Emissions



**From:** Sutton, Samuel <ssutton@bellflight.com>  
**Sent:** Thursday, December 19, 2024 7:38 AM  
**To:** Primavera Trevino  
**Subject:** RE: Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

**Importance:** High

Hi Primavera,

Thank you for the update. I will begin working on these items when I return from the holidays. I will let you know if I have any further questions or if I require additional time once I get back in the office.

Thank you for your help and enjoy your holiday break!

Regards,

**SAM SUTTON**

Sr. EHS Specialist | Bell  
Principal Environmental Engineer  
Office: +1-817-280-1254  
Mobile: +1-469-724-7523  
[ssutton@bellflight.com](mailto:ssutton@bellflight.com)  
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---

**From:** Primavera Trevino <Primavera.Trevino@tceq.texas.gov>  
**Sent:** Wednesday, December 18, 2024 4:55 PM  
**To:** Sutton, Samuel <ssutton@bellflight.com>  
**Subject:** Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Mr. Sutton,

Here are the deficiencies found in the application. There are some deficiencies that will need clarification while others require forms to be submitted and/or revised.

- For the deficiencies needing clarification, regarding the OP-PBRSUP Form:

- For emission units 27OVEN3 and 27OVEN4 the PBR listed is 106.433. In the database, we have the associated PBR as 106.183. Please clarify if both PBR 106.183 and 106.433 are applicable to these emission units
  - Several entries on the OP-PBRSUP list what appears to be a group of units. For example, on Table B, there is an entry for “Boilers and Process Heaters”. Each individual unit should be listed instead. For PBR 106.265 specifically, please list each type of unit authorized by the PBR.
  - Table D should include the monitoring, recordkeeping, or reporting that is used to demonstrate compliance with the associated PBR for every entry that is included on either Tables A or B.
  - The OP-PBRSUP should reflect all active registered and claimed PBRs at the site.
- In the revised page 88 of the OP-REQ1 there are duplicates of PBR 106.454 and 106.432, each with the same version dates. In the previous effective permit, there are multiple PBRs listed that are not included in the current page 88 of the OP-REQ1 (attachment will be included). Please verify that the PBRs listed in the revised OP-REQ1 page 88 are the only ones that are active at the site.
- Please submit a revised page 88 of the OP-REQ1 without the PBR duplicates and with all PBRs that are active at the site. If the older PBRs are no longer active, then an updated OP-SUMR will be required to identify the current PBRs for each emission unit at the site. The current effective permit lists older PBRs as the NSR authorization in the New Source Review Authorization References by Emissions Unit Table for several units. If there are PBRs/Standard Exemptions that are in the previous effective permit but not listed in this application and they are still active they will need to be added to the OP-PBRSUP.
- Emission unit CDB2-1, part of GRPCLDDGR, was missing an answer for question “Solvent Heated” in unit attribute form OP-UA16 page 1. Please verify that “No” is the correct response for question “Solvent Heated” and submit a revised OP-UA16 page 1 with the correct response as well. This emission unit is under Index No. R5412-1 and 30 TAC Chapter 115, Degreasing Processes. The instructions and question for “Solvent Heated” on OP-UA16 can be found here: [TCEQ - Solvent Degreasing Machine Attributes Form OP-UA16 Federal Operating Permit Program.](#)
- Emission units 61EMERGG1 and 61EMERGG2 were missing an answer on form OP-UA2 page 12 for question “AECD”. Please verify that “No” is the correct response and submit a revised OP-UA2 page 12 with the correct response as well. These emission units are under Index No. 60III-61-EG1 and 40 CFR Part 60, Subpart III. The instructions and question for “AECD” can be found here: [TCEQ Form 10003 - OP-UA2 Instructions Stationary Reciprocating Internal Combustion Engine Attributes.](#)
- Emission unit 26EMERGG1 was also missing an answer for “AECD” in OP-UA2 Form page 12. Please verify “No” is the correct response to question “AECD” and submit a revised OP-UA2 page 12 with the correct response as well. This emission unit is under Index No. 60III-26-EG1 and 40 CFR Part 60, Subpart III. The instructions and question for “AECD” can be found at the previous link listed above.

- Please submit Form OP-UA6 for all units that have Index No. 63DDDDDD-1 under regulation 40 CFR Part 63, Subpart DDDDD. This includes emission units 29, 31, 32, 45, 46, 51, 52, 53, 56-BLR1, 56-BLR2, 14-BLR1, 1-BLR1, 1-BLR2, 1-BLR3, 1-BLR4, 36Q, 36R, 30-TRCB-BLR1, 2SPARCELL-BLRA, 2SPARCELL-BLRB, 2SPARCELL-BLRC, 2SPARCELL-BLRD, BLDG36PRSBLR1, and BLDG36PRSBLR2.
- A few cooling tower units will need an OP-REQ2 form submitted for negative applicability to 40 CFR Part 63, Subpart Q. These emission units include 99021, BDG26BCT, BLDG24CT, and BLDG29CT. By adding these permit shields to OP-REQ2 they will appear in the permit shield table similar to other cooling towers that are currently in the permit.

Please submit any updates via email. I will review the updates before I ask for the OP-CRO1 certification. We can grant an extension for the OP-PBRSUP update if needed.

**Please respond to this email by 1/24/2025 and contact me if you have any questions.**

Thank you,  
***Primavera Treviño***

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)

Phone: (512) 239-6209



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 at [www.tceq.texas.gov/customersurvey](http://www.tceq.texas.gov/customersurvey)

**From:** Primavera Trevino  
**Sent:** Wednesday, December 18, 2024 4:55 PM  
**To:** Sutton, Samuel  
**Subject:** Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Mr. Sutton,

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Please submit any updates via email. I will review the updates before I ask for the OP-CRO1 certification. We can grant an extension for the OP-PBRSUP update if needed.

**Please respond to this email by 1/24/2025 and contact me if you have any questions.**

Thank you,  
***Primavera Treviño***

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)

Phone: (512) 239-6209





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**From:** Primavera Trevino  
**Sent:** Thursday, December 12, 2024 8:44 AM  
**To:** Sutton, Samuel  
**Subject:** RE: Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Good morning,

Thank you for your response. I will set up a Teams meeting Monday the 16<sup>th</sup> at 9:30 am. The meeting will also include two of my colleagues for more assistance to cover all questions. I will continue looking for anything else I need to address.

Thank you,  
Primavera Treviño  
(512) 239-6209

---

**From:** Sutton, Samuel <ssutton@bellflight.com>  
**Sent:** Thursday, December 12, 2024 8:00 AM  
**To:** Primavera Trevino <Primavera.Trevino@tceq.texas.gov>  
**Subject:** RE: Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1  
**Importance:** High

Hi Primavera,

I received your phone call and left a message with your office yesterday. Below is the last email I received from you on this project, and it does not contain in deficiencies to respond to. I was waiting on your response as you indicate below; I apologize for any confusion.

Concerning the teams meeting, I will be available Monday morning the 16<sup>th</sup> if you would like to discuss the PBRSUP document in more detail. Let me know what time works for you; I am free until 11:00.

Regards,

**SAM SUTTON**

Sr. EHS Specialist | Bell  
Principal Environmental Engineer  
Office: +1-817-280-1254  
Mobile: +1-469-724-7523  
[ssutton@bellflight.com](mailto:ssutton@bellflight.com)  
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**From:** Primavera Trevino <[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)>  
**Sent:** Wednesday, December 4, 2024 11:53 AM  
**To:** Sutton, Samuel <[ssutton@bellflight.com](mailto:ssutton@bellflight.com)>  
**Subject:** RE: Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Thank you, I will look over these forms this afternoon and respond with any other questions.

Primavera Treviño  
(512) 239-6209

---

**From:** Sutton, Samuel <[ssutton@bellflight.com](mailto:ssutton@bellflight.com)>  
**Sent:** Wednesday, December 4, 2024 11:05 AM  
**To:** Primavera Trevino <[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)>  
**Subject:** RE: Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Hi Primavera,

Please find attached the requested data and my comments below in red.

Please also find a list of boiler units, degreaser units and stationary emergency engines attached. All of the rest are too numerous to list or are grouped as a single unit group such as the aqueous chemlines and waste water treatment facility.

Let me know if you need anything else.

Regards,

**SAM SUTTON**

Sr. EHS Specialist | Bell  
Principal Environmental Engineer  
Office: +1-817-280-1254  
Mobile: +1-469-724-7523  
[ssutton@bellflight.com](mailto:ssutton@bellflight.com)  
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---

**From:** Primavera Trevino <[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)>

**Sent:** Tuesday, December 3, 2024 1:56 PM

**To:** Sutton, Samuel <[ssutton@bellflight.com](mailto:ssutton@bellflight.com)>

**Subject:** Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Mr. Sutton,

There are a few items that I need clarification on. On page 88 of the OP-REQ1 there is a PBR No. 120317 needed to be removed from this form. The PBR No. in parenthesis 106.454 is the correct number needed in place of 120317. The version date for PBR No. 106.261 is also incorrect. Please submit a revised version of page 88 of the OP-REQ1, you do not have to resubmit the whole application. – **Please see attached**

In the application after page 88 of Form OP-REQ1, there is an additional page with a list of permits by rule. In this list there are multiple Permits by Rule that are not listed on page 88 of the OP-REQ1. Please verify if this page is needed.

- **This page is not needed. It was for overflow but with the OP-PBRSUP it is not needed.**

An OP-PBRSUP is also required to be submitted for this application. This can be found here: [TCEQ Form 20875 - OP-PBRSUP - Instructions Permit By Rule Supplemental Table](#) – **Please see attached**

A Major NSR Summary Table has been included in the application. Can you provide some clarification to why this was added in the application as it is not in the effective permit and is not required for this application.

- **This has been required/requested in the past, so I included this in my application.**

Please respond to this email by 12/04/24. If you have any questions, please contact me.

Thank you,

***Primavera Treviño***

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)

Phone: (512) 239-6209





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**From:** Sutton, Samuel <ssutton@bellflight.com>  
**Sent:** Thursday, December 12, 2024 8:00 AM  
**To:** Primavera Trevino  
**Subject:** RE: Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

**Importance:** High

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**From:** Primavera Trevino <Primavera.Trevino@tceq.texas.gov>  
**Sent:** Wednesday, December 4, 2024 11:53 AM  
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Thank you, I will look over these forms this afternoon and respond with any other questions.

Primavera Treviño  
(512) 239-6209

---

**From:** Sutton, Samuel <[ssutton@bellflight.com](mailto:ssutton@bellflight.com)>  
**Sent:** Wednesday, December 4, 2024 11:05 AM  
**To:** Primavera Trevino <[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)>  
**Subject:** RE: Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

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Please find attached the requested data and my comments below in red.

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**Sent:** Tuesday, December 3, 2024 1:56 PM  
**To:** Sutton, Samuel <[ssutton@bellflight.com](mailto:ssutton@bellflight.com)>  
**Subject:** Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

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Thank you,

***Primavera Treviño***

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)

Phone: (512) 239-6209



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**Texas Commission on Environmental Quality**  
**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1**  
**Federal Operating Permit Program**

Date:	09/09/2024
Permit No.:	O-01631
RN No.:	100222488

*For SOP applications, answer ALL questions unless otherwise directed.*

◆ *For GOP applications, answer ONLY these question unless otherwise directed.*

<b>Form OP-REQ1: Page 88</b>	
<b>XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)</b>	
◆ <b>I. Permits by Rule (30 TAC Chapter 106) for the Application Area</b>	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 106.454	Version No./Date: 11-1-2001
PBR No.: 106.432	Version No./Date: 9-4-2000
PBR No.: 106.433	Version No./Date: 9-4-2000
PBR No.: 106.375	Version No./Date: 9-4-2000
PBR No.: 106.261	Version No./Date: 11-1-2003
PBR No.: 106.262	Version No./Date: 11-1-2003
PBR No.: 106.265	Version No./Date: 9-4-2000
PBR No.: 106.263	Version No./Date: 11-1-2001
PBR No.: 106.227	Version No./Date: 9-4-2000
PBR No.: 106.451	Version No./Date: 9-4-2000
PBR No.: 106.452	Version No./Date: 9-4-2000
PBR No.: 106.454	Version No./Date: 11-1-2001
PBR No.: 106.432	Version No./Date: 9-4-2000
PBR No.: 106.371	Version No./Date: 9-4-2000
PBR No.: 106.373	Version No./Date: 9-4-2000
PBR No.: 106.511	Version No./Date: 9-4-2000
◆ <b>J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum</b>	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

**Form OP-PBRSUP - Instructions**  
**Permits By Rule Supplemental Table**  
**Texas Commission on Environmental Quality**

**General:**

The form is used to provide supplemental information for all Permits by Rule (PBRs) that authorize emission units for a site (or area) subject to the requirements of the Federal Operating Permit (FOP) Program. For emission units identified on Form OP-SUM or Form OP-SUMR, the PBR registration number identified in Section A must also be included on Form OP-SUM or Form OP-SUMR.

The Texas Commission on Environmental Quality (TCEQ) regulated entity reference number (RNXXXXXXXXXX), if assigned, and the application area name from Form OP-1 (Site Information Summary) must appear on the header of each page for purposes of identification for the initial submittal. The date of the initial submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). The date on each table should be revised with any updated submittal provided during the review process. Leave the permit number blank only if the initial form submittal accompanies an initial application. If this form is included as part of the permit renewal or revision process, enter the FOP permit number assigned by the TCEQ, the area name from Form OP-1, the date of the renewal or revision submittal, and the regulated entity reference number. The form OP-PBRSUP should be submitted for any PBR authorization updates with each revision and renewal application.

The TCEQ requires that a Core Data Form be submitted on all incoming applications/registrations unless a regulated entity reference number and customer reference number have been issued by the TCEQ and no core data information has changed. If a regulated entity reference number or customer reference number has been issued, then the number must be noted on the request or applicable form. For more information regarding the Core Data Form, call (512) 239-5175 or go to the TCEQ website at: [www.tceq.texas.gov/permitting/central\\_registry/guidance.html](http://www.tceq.texas.gov/permitting/central_registry/guidance.html)

**Specific:**

Permits by Rule (30 TAC Chapter 106) for the Application Area

**Emission units authorized under the following PBRs and any corresponding historical (pre-March 1997) SEs are required to be listed in sections A, B, and D:**

PBR No.	Name or Subject	PBR No.	Name or Subject
106.124	Pilot Plants	106.373	Refrigeration Systems
106.142	Rock Crushers	106.374	Lime Slaking
106.144	Bulk Mineral Handling	106.375	Aqueous Electrolytic
106.145	Bulk Sand Handling	106.376	Decorative Chrome Plating
106.146	Soil Stabilization Plants	106.392	Thermoset Resin
106.147	Asphalt Concrete Plants	106.393	Convey/Storage Plastic/Rubber
106.150	Asphalt Silos	106.395	Plastic/Rubber Mix (No Solvent)
106.181	Used Oil Combustion Units	106.396	Plastic Rubber Mix (Solvent)
106.182	Ceramic Kilns	106.411	Steam or Dry Cleaning Equipment
106.183	Boilers, Heaters, and Other Combustion Units	106.412	Fuel Dispensing
106.221	Extrusion Presses	106.416	Uranium Recovery

PBR No.	Name or Subject	PBR No.	Name or Subject
106.223	Sawmills	106.417	Ethylene Oxide Sterilizers
106.224	Aerospace	106.418	Printing Presses
106.225	Semiconductor	106.419	Photographic Process Equipment
106.226	Coating Manufacturing	106.433	Surface Coat
106.227	Soldering, Brazing, Welding	106.434	Powder Coating Facility
106.231	Wood Products	106.435	Classic or Antique Auto Restoration Facility
106.245	Ethyl Alcohol Facilities	106.436	Auto Body Refinishing
106.261	Facility; Emission Limits	106.452	Dry Abrasive Cleaning
106.262	Facility; Emission/Distance	106.454	Degreasing
106.263	Repairs and Maintenance	106.472	Organic/Inorganic Liquid Loading and Unloading
106.264	Replacements of Facilities	106.473	Organic Liquid Loading and Unloading
106.265	Hand-Held/Manually Operated Machines	106.474	Hydrochloric Acid Storage
106.281	Feed Milling	106.475	Pressure Tank or Vent to Firebox
106.283	Grain Handling	106.476	Pressure Tank or Vent to Control
106.311	Crucible or Pot Furnace	106.477	Anhydrous NH <sub>3</sub> Storage
106.314	Shell Core and Mold Machines	106.478	Storage Tank and Change Service
106.315	Sand or Investment Molds	106.491	Dual Chamber Incinerators
106.320	Miscellaneous Metallic Treatment	106.492	Flares
106.321	Metal Melting and Holding Furnace	106.493	Direct Flame Incinerators
106.322	Furnace to Reclaim Aluminum or Copper	106.494	Pathological Waste Incinerators
106.332	Chlorine Repackaging	106.495	Heat Cleaning Devices
106.351	Salt Water Disposal	106.496	Air Curtain Incinerators
106.352	Oil and Gas Production	106.511	Portable and Emergency Engines and Turbines



PBR No.	Name or Subject	PBR No.	Name or Subject
106.353	Temporary Oil and Gas Facilities	106.512	Stationary Engines and Turbines
106.354	Iron Sponge Gas-Treating Unit	106.513	Natural Gas-Fired Combined Heat and Power Units
106.355	Pipeline Metering, Purging, and Maintenance	106.532	Water/Wastewater Treatment
106.359	Planned Maintenance, Startup, and Shutdown (MSS) at Oil and Gas Handling and Production Facilities	106.533	Water and Soil Remediation
106.371	Cooling Water Units	106.534	Municipal Solid Waste Landfills and Transfer Stations

#### A. Registered Permits by Rule (30 TAC Chapter 106) for the Application Area

This section provides all PBR authorized emission units for the application area that require registration with the TCEQ.

##### Unit ID No.:

Enter the identification number (ID No.) for the emission unit authorized by the registered PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

##### Registration No.:

Enter the registration number provided by TCEQ upon authorization.

##### PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

##### Registration Date:

Enter the date (MM/DD/YYYY) the authorization was issued to the site. This is the date of the PBR authorization letter.

#### B. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area

This section provides all PBR authorized emission units for the application area that are claimed (and not registered).

##### Unit ID No.:

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

##### PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

##### Version No./Date:

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

**C. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area**

This section provides all PBR authorizations for the application area that are not identified in the table above and are considered insignificant sources.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Version No./Date:**

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

**D. Monitoring Requirements for registered and claimed PBRs for the Application Area**

This section provides the monitoring and/or recordkeeping requirements sufficient to demonstrate compliance for the registered and claimed PBRs identified in sections A and B.

**Unit ID No.:**

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Version No./Date:**

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

**Monitoring Requirement:**

Provide the monitoring and/or recordkeeping requirements used to demonstrate compliance with the applicable PBR conditions, general requirements of 30 TAC §106.4 or general requirements (if any) in effect at the time of the claim, and any certified registration of emission limits as applicable for the emission units. The specificity of the monitoring and/or recordkeeping requirements is required to be consistent with the [Periodic Monitoring Guidance](#) and include the following:

- Identify one or more indicators of emission control performance for the control device, or the parameter to be monitored if a control device is not utilized. Indicators may include, but are not limited to, direct or predicted emissions (including visible emissions or opacity), control device parameters, process parameters which are correlated to an emission rate through performance testing or AP-42 emission factors, or recorded finding of inspection and maintenance activities conducted by the owner or operator.
- Identify the frequency of conducting the monitoring. The monitoring frequencies should be consistent with the minimum monitoring frequency found in the applicable PM guidance document. For example, control device parameters may be monitored once per week.
- If applicable, identify the period over which discrete data points will be averaged.

**Permit By Rule Supplemental Table (Page 1)**  
**Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number

Unit ID No.	Registration No.	PBR No.	Registration Date

**Permit By Rule Supplemental Table (Page 2)**  
**Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number

Unit ID No.	PBR No.	Version No./Date

**Permit By Rule Supplemental Table (Page 3)**  
**Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number

PBR No.	Version No./Date

**Permit By Rule Supplemental Table (Page 4)**  
**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement

**From:** Primavera Trevino  
**Sent:** Wednesday, December 4, 2024 11:53 AM  
**To:** Sutton, Samuel  
**Subject:** RE: Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Thank you, I will look over these forms this afternoon and respond with any other questions.

Primavera Treviño  
(512) 239-6209

---

**From:** Sutton, Samuel <ssutton@bellflight.com>  
**Sent:** Wednesday, December 4, 2024 11:05 AM  
**To:** Primavera Trevino <Primavera.Trevino@tceq.texas.gov>  
**Subject:** RE: Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Hi Primavera,

Please find attached the requested data and my comments below in red.

Please also find a list of boiler units, degreaser units and stationary emergency engines attached. All of the rest are too numerous to list or are grouped as a single unit group such as the aqueous chemlines and waste water treatment facility.

Let me know if you need anything else.

Regards,

**SAM SUTTON**

Sr. EHS Specialist | Bell  
Principal Environmental Engineer  
Office: +1-817-280-1254  
Mobile: +1-469-724-7523  
[ssutton@bellflight.com](mailto:ssutton@bellflight.com)  
Follow Us @bellflight



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**From:** Primavera Trevino <[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)>  
**Sent:** Tuesday, December 3, 2024 1:56 PM

**To:** Sutton, Samuel <[ssutton@bellflight.com](mailto:ssutton@bellflight.com)>

**Subject:** Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Mr. Sutton,

There are a few items that I need clarification on. On page 88 of the OP-REQ1 there is a PBR No. 120317 needed to be removed from this form. The PBR No. in parenthesis 106.454 is the correct number needed in place of 120317. The version date for PBR No. 106.261 is also incorrect. Please submit a revised version of page 88 of the OP-REQ1, you do not have to resubmit the whole application. – **Please see attached**

In the application after page 88 of Form OP-REQ1, there is an additional page with a list of permits by rule. In this list there are multiple Permits by Rule that are not listed on page 88 of the OP-REQ1. Please verify if this page is needed.

- **This page is not needed. It was for overflow but with the OP-PBRSUP it is not needed.**

An OP-PBRSUP is also required to be submitted for this application. This can be found here: [TCEQ Form 20875 - OP-PBRSUP - Instructions Permit By Rule Supplemental Table](#) – **Please see attached**

A Major NSR Summary Table has been included in the application. Can you provide some clarification to why this was added in the application as it is not in the effective permit and is not required for this application.

- **This has been required/requested in the past, so I included this in my application.**

Please respond to this email by 12/04/24. If you have any questions, please contact me.

Thank you,

***Primavera Treviño***

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)

Phone: (512) 239-6209







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**From:** Primavera Trevino  
**Sent:** Wednesday, December 4, 2024 11:41 AM  
**To:** ssutton@bellflight.com  
**Subject:** Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Mr. Sutton,

Thank you for the phone call regarding the OP-PBRSUP. As the requirement for the form is still rather new, we do have a lot of questions regarding proper completion of the form. Accordingly, as there were multiple questions regarding the form, I would recommend scheduling a Teams meeting to discuss as I believe trying to explain solutions in an email may prove to be more difficult.

I am free this afternoon and all day tomorrow. Please advise a time when you are available, and I will be glad to schedule a meeting or you may schedule one.

I will have a colleague joining the call for assistance to assure we address all of your questions.

Thank you,

***Primavera Treviño***

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)

Phone: (512) 239-6209



How are we doing? Fill out our online customer satisfaction survey  
at [www.tceq.texas.gov/customersurvey](http://www.tceq.texas.gov/customersurvey)

**From:** Sutton, Samuel <ssutton@bellflight.com>  
**Sent:** Wednesday, December 4, 2024 11:05 AM  
**To:** Primavera Trevino  
**Subject:** RE: Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1  
**Attachments:** Pg 88 of OP-REQ1.pdf; OP-PBR SUP Updated.pdf; NOX PTE- EMERGENCY ENGINE CALCS 2024.xlsx; P1 SITE WIDE POC (2-20-23).xlsx; P1 Cold Solvent Degreaser Inspection 8-9-24.pdf

Hi Primavera,

Please find attached the requested data and my comments below in red.

Please also find a list of boiler units, degreaser units and stationary emergency engines attached. All of the rest are too numerous to list or are grouped as a single unit group such as the aqueous chemlines and waste water treatment facility.

Let me know if you need anything else.

Regards,

**SAM SUTTON**

Sr. EHS Specialist | Bell  
Principal Environmental Engineer  
Office: +1-817-280-1254  
Mobile: +1-469-724-7523  
[ssutton@bellflight.com](mailto:ssutton@bellflight.com)  
Follow Us @bellflight



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---

**From:** Primavera Trevino <Primavera.Trevino@tceq.texas.gov>  
**Sent:** Tuesday, December 3, 2024 1:56 PM  
**To:** Sutton, Samuel <ssutton@bellflight.com>  
**Subject:** Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Mr. Sutton,

There are a few items that I need clarification on. On page 88 of the OP-REQ1 there is a PBR No. 120317 needed to be removed from this form. The PBR No. in parenthesis 106.454 is the

correct number needed in place of 120317. The version date for PBR No. 106.261 is also incorrect. Please submit a revised version of page 88 of the OP-REQ1, you do not have to resubmit the whole application. – **Please see attached**

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A Major NSR Summary Table has been included in the application. Can you provide some clarification to why this was added in the application as it is not in the effective permit and is not required for this application.

- **This has been required/requested in the past, so I included this in my application.**

Please respond to this email by 12/04/24. If you have any questions, please contact me.

Thank you,  
***Primavera Treviño***

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)

Phone: (512) 239-6209



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at [www.tceq.texas.gov/customersurvey](http://www.tceq.texas.gov/customersurvey)

**Texas Commission on Environmental Quality**  
**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1**  
**Federal Operating Permit Program**

Date:	09/09/2024
Permit No.:	O-01631
RN No.:	100222488

*For SOP applications, answer ALL questions unless otherwise directed.*

◆ *For GOP applications, answer ONLY these question unless otherwise directed.*

<b>Form OP-REQ1: Page 88</b>	
<b>XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)</b>	
◆ <b>I. Permits by Rule (30 TAC Chapter 106) for the Application Area</b>	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 106.454	Version No./Date: 11-1-2001
PBR No.: 106.432	Version No./Date: 9-4-2000
PBR No.: 106.433	Version No./Date: 9-4-2000
PBR No.: 106.375	Version No./Date: 9-4-2000
PBR No.: 106.261	Version No./Date: 11-1-2003
PBR No.: 106.262	Version No./Date: 11-1-2003
PBR No.: 106.265	Version No./Date: 9-4-2000
PBR No.: 106.263	Version No./Date: 11-1-2001
PBR No.: 106.227	Version No./Date: 9-4-2000
PBR No.: 106.451	Version No./Date: 9-4-2000
PBR No.: 106.452	Version No./Date: 9-4-2000
PBR No.: 106.454	Version No./Date: 11-1-2001
PBR No.: 106.432	Version No./Date: 9-4-2000
PBR No.: 106.371	Version No./Date: 9-4-2000
PBR No.: 106.373	Version No./Date: 9-4-2000
PBR No.: 106.511	Version No./Date: 9-4-2000
◆ <b>J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum</b>	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

NO. 117 PTE  
BELL HELICOPTER TEXTRON INC.  
PLANT 1  
PRODUCTS OF COMBUSTION OF NATURAL GAS - MAXIMUM ANTICIPATED HR/YR AND FIRING RATES

Exempt Unit not Rep. Below (See comment)																													
UNIT NAME	EMISSION POINT	FIN	AUTHORIZATION	FIRING RATE (MMBTU/HR)	FUEL TYPE	FUEL RAIL (BTU/GAL)	OPERATING SCHEDULE (HRS/YR)	FIRING RATE (MMBTU/HR)	AP-42 VOC EMISSION FACTOR (LB/MMBTU)	AP-42 CO EMISSION FACTOR (LB/MMBTU)	AP-42 NOX EMISSION FACTOR (LB/MMBTU)	AP-42 CH4 EMISSION FACTOR (LB/MMBTU)	AP-42 H2 EMISSION FACTOR (LB/MMBTU)	AP-42 SO2 EMISSION FACTOR (LB/MMBTU)	SHORT TERM VOC EMISSION (LB/HR)	SHORT TERM CH4 EMISSION (LB/HR)	SHORT TERM NOX EMISSION (LB/HR)	SHORT TERM CO EMISSION (LB/HR)	SHORT TERM CO2 EMISSION (LB/HR)	SHORT TERM H2 EMISSION (LB/HR)	SHORT TERM SO2 EMISSION (LB/HR)	ANNUAL VOC EMISSION (TPY)	ANNUAL CH4 EMISSION (TPY)	ANNUAL NOX EMISSION (TPY)	ANNUAL CO EMISSION (TPY)	ANNUAL H2 EMISSION (TPY)	ANNUAL SO2 EMISSION (TPY)		
OVERS & AMU'S																													
BLADE PAINT SHOP NORTH AMU	K-1	BLDPNTAMU	NSR 18514	1,875	NG	1020	2000	0.3 AND 100	5.5	2.3	100	84	11	7.6	0.6	0.0009	0.0008	0.1640	0.1379	0.0181	0.0126	0.0010	0.0006	0.0008	0.1640	0.1379	0.0181	0.0126	0.0010
BLADE PAINT SHOP SOUTH AMU	K-1	BLDPNTAMU	NSR 18514	1,875	NG	1020	2000	0.3 AND 100	5.5	2.3	100	84	11	7.6	0.6	0.0009	0.0008	0.1640	0.1379	0.0181	0.0126	0.0010	0.0006	0.0008	0.1640	0.1379	0.0181	0.0126	0.0010
BLADE PAINT SHOP DRYING OVEN	39A AND 39B	DOESNORTH	NSR 18514	1,232	NG	1020	6000	0.3 AND 100	5.5	2.3	100	84	11	7.6	0.6	0.0006	0.0008	0.1208	0.1015	0.0133	0.0062	0.0007	0.0019	0.0005	0.3624	0.3044	0.0399	0.0275	0.0025
BLADE PAINT SHOP DRYING OVEN	40A AND 40B	DOESNORTH	NSR 18514	1,232	NG	1020	6000	0.3 AND 100	5.5	2.3	100	84	11	7.6	0.6	0.0006	0.0008	0.1208	0.1015	0.0133	0.0062	0.0007	0.0019	0.0005	0.3624	0.3044	0.0399	0.0275	0.0025
BLADE CURING OVEN	K-1	CSURDOC	NSR 18514	1,232	NG	1020	6000	0.3 AND 100	5.5	2.3	100	84	11	7.6	0.6	0.0006	0.0008	0.1208	0.1015	0.0133	0.0062	0.0007	0.0019	0.0005	0.3624	0.3044	0.0399	0.0275	0.0025
BLDG OVEN BLDG 36 COLUMA-A	COB	COB	106 183	5,600	NG	1020	4000	0.3 AND 100	5.5	2.3	100	84	11	7.6	0.6	0.0002	0.0126	0.0400	0.4612	0.0504	0.0417	0.0023	0.0004	0.0023	0.1090	0.3224	0.1208	0.0355	0.0006
HELICOPTER PAINT SHOP - BOOTH NO. 2 AMU (3 units for booth 2 1.14 mmbtu each)	23-241 - 23-2C2	PNTSAMU	NSR 18514	6,879	NG	1020	2000	0.3 AND 100	5.5	2.3	100	84	11	7.6	0.6	0.0071	0.0155	0.6744	0.5665	0.0742	0.0513	0.0040	0.0071	0.0155	0.6744	0.5665	0.0742	0.0513	0.0040
HELICOPTER PAINT SHOP - BOOTH NO. 3 AMU (3 units for booth 3 1.14 mmbtu each)	23-241 - 23-2C2	PNTSAMU	NSR 18514	6,879	NG	1020	2000	0.3 AND 100	5.5	2.3	100	84	11	7.6	0.6	0.0071	0.0155	0.6744	0.5665	0.0742	0.0513	0.0040	0.0071	0.0155	0.6744	0.5665	0.0742	0.0513	0.0040
BSB PAINT BOOTH AMU#1#2#3	38PNT1	38PNT1	NSR 18514	2,000	NG	1020	6000	0.3 AND 100	5.5	2.3	100	84	11	7.6	0.6	0.0006	0.0008	0.1208	0.1015	0.0133	0.0062	0.0007	0.0019	0.0005	0.3624	0.3044	0.0399	0.0275	0.0025
BSB PAINT BOOTH AMU#4#5#6	38PNT2	38PNT2	NSR 18514	2,000	NG	1020	6000	0.3 AND 100	5.5	2.3	100	84	11	7.6	0.6	0.0006	0.0008	0.1208	0.1015	0.0133	0.0062	0.0007	0.0019	0.0005	0.3624	0.3044	0.0399	0.0275	0.0025
BSB PAINT BOOTH OVEN 1	38PNT5	38 PNT5	NSR 18514	1,000	NG	1020	6000	0.3 AND 100	5.5	2.3	100	84	11	7.6	0.6	0.0004	0.0003	0.0880	0.0824	0.0108	0.0075	0.0006	0.0002	0.0008	0.2941	0.2471	0.0324	0.0224	0.0019
BSB PAINT BOOTH OVEN 2	38PNT6	38PNT6	NSR 18514	1,000	NG	1020	6000	0.3 AND 100	5.5	2.3	100	84	11	7.6	0.6	0.0004	0.0003	0.0880	0.0824	0.0108	0.0075	0.0006	0.0002	0.0008	0.2941	0.2471	0.0324	0.0224	0.0019
BUILDING 27 BLADE PAINT AMU - BUILDING 27	27PB1	27PB1	PER 106 183	5,000	NG	1020	8760	0.3 AND 100	5.5	2.3	100	84	11	7.6	0.6	0.0070	0.0133	0.4902	0.4118	0.0539	0.0373	0.0029	0.0181	0.0494	0.2471	0.1805	0.2382	0.1832	0.0129
BUILDING 27 TRANSMISSION PAINT AMU - BUILDING 27	27PB2	27PB2	PER 106 183	1,675	NG	1020	8760	0.3 AND 100	5.5	2.3	100	84	11	7.6	0.6	0.0001	0.0042	0.1438	0.1544	0.0202	0.0140	0.0011	0.0043	0.0146	0.0051	0.0763	0.0886	0.0612	0.0046
BUILDING 27 OVEN 1 - BUILDING 27	27OVEN1	27OVEN1	PER 106 183	1,200	NG	1020	8760	0.3 AND 100	5.5	2.3	100	84	11	7.6	0.6	0.0005	0.0027	0.1176	0.0986	0.0129	0.0089	0.0007	0.0003	0.0019	0.0153	0.0438	0.0587	0.0392	0.0031
BUILDING 27 OVEN 2 - BUILDING 27	27OVEN2	27OVEN2	PER 106 183	1,200	NG	1020	8760	0.3 AND 100	5.5	2.3	100	84	11	7.6	0.6	0.0005	0.0027	0.1176	0.0986	0.0129	0.0089	0.0007	0.0003	0.0019	0.0153	0.0438	0.0587	0.0392	0.0031
ROCK PAINT BOOTH #1 AMU	27PB3AMU	27PB3AMU	PER 106 183	7,400	NG	1020	8760	0.3 AND 100	5.5	2.3	100	84	11	7.6	0.6	0.0059	0.0167	0.9227	0.8054	0.0798	0.0581	0.0041	0.0148	0.0719	0.1588	0.2492	0.1485	0.2118	0.0191
ROCK PAINT BOOTH #2 AMU	27PB4AMU	27PB4AMU	PER 106 183	4,800	NG	1020	8760	0.3 AND 100	5.5	2.3	100	84	11	7.6	0.6	0.0039	0.0109	0.5293	0.3983	0.0618	0.0398	0.0026	0.0114	0.0414	0.1008	0.1724	0.1029	0.1196	0.0164
ROCK PAINT OVEN #3 AMU	27OVEN3AMU	27OVEN3AMU	PER 106 183	1,500	NG	1020	8760	0.3 AND 100	5.5	2.3	100	84	11	7.6	0.6	0.0001	0.0034	0.0735	0.1235	0.0162	0.0112	0.0008	0.0004	0.0146	0.0221	0.0411	0.0705	0.0490	0.0039
ROCK PAINT OVEN #4 AMU	27OVEN4AMU	27OVEN4AMU	PER 106 183	1,600	NG	1020	8760	0.3 AND 100	5.5	2.3	100	84	11	7.6	0.6	0.0001	0.0034	0.0735	0.1235	0.0162	0.0112	0.0008	0.0004	0.0146	0.0221	0.0411	0.0705	0.0490	0.0039
BOILERS																													
WESTLANDER-BUILDING 3	1-6BLR1	1-6BLR1	PER 106-183	4,000	NG	4000	0	0.3 AND 100	5.5	2.3	50	84	11	7.6	0.6	0.0009	0.0009	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
WESTLANDER-BUILDING 1	1-6BLR2	1-6BLR2	PER 106-183	1,200	NG	4000	0	0.3 AND 100	5.5	2.3	50	84	11	7.6	0.6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
WESTLANDER-BUILDING 5	1-6BLR3	1-6BLR3	PER 106-183	1,200	NG	4000	0	0.3 AND 100	5.5	2.3	50	84	11	7.6	0.6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
WESTLANDER-BUILDING 6	1-6BLR4	1-6BLR4	PER 106-183	4,000	NG	4000	0	0.3 AND 100	5.5	2.3	50	84	11	7.6	0.6	0.0009	0.0009	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
EAST KEMANE BOILER - BUILDING 2	29	53B0375	SE 7	6,840	NG	1020	0	0.3 AND 100	5.5	2.3	100	84	11	7.6	0.6	0.0369	0.0154	0.6706	0.5833	0.0738	0.0510	0.0040	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
WEST KEMANE BOILER - BUILDING 2	30	53B0376	SE 7	6,840	NG	1020	0	0.3 AND 100	5.5	2.3	100	84	11	7.6	0.6	0.0369	0.0154	0.6706	0.5833	0.0738	0.0510	0.0040	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
VECTOR POWER FLAME BOILER - NORTH UNIVERSAL	31	53NVLBR	PER 106 183	23,890	NG	1020	5000	0.3 AND 100	5.5	2.3	50	84	11	7.6	0.6	0.1288	0.0539	1.1711	1.0674	0.2576	0.1780	0.0141	0.0220	0.1547	0.2077	0.49185	0.6441	0.4450	0.0351
VECTOR POWER FLAME BOILER - SOUTH UNIVERSAL	32	53NVLBR	PER 106 183	23,890	NG	1020	5000	0.3 AND 100	5.5	2.3	50	84	11	7.6	0.6	0.1288	0.0539	1.1711	1.0674	0.2576	0.1780	0.0141	0.0220	0.1547	0.2077	0.49185	0.6441	0.4450	0.0351
AERCO BENCHMARK SERIES - BUILDING 14	44	53H1PACF	PER 106 183	2,200	NG	1020	4000	0.3 AND 100	5.5	2.3	50	84	11	7.6	0.6	0.0119	0.0050	0.1078	0.1812	0.0227	0.0164	0.0019	0.0027	0.0009	0.0157	0.3624	0.0475	0.0328	0.0026
AERCO BENCHMARK SERIES - BUILDING 14	45	53H2248	PER 106-183	2,400	NG	4000	0	0.3 AND 100	5.5	2.3	50	84	11	7.6	0.6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
WEST BENCHMARK BOILER - BUILDING 14 - OVEN 2-2018	46	53H2324	PER 106-183	2,400	NG	4000	0	0.3 AND 100	5.5	2.3	50	84	11	7.6	0.6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
WEST AERCO BENCHMARK 4000 BOILER REPLACEMENT - BUILDING 24	24-BLR2	24-BLR1	PER 106 183	6,000	NG	1020	4000	0.3 AND 100	5.5	2.3	32	84	11	7.6	0.6	0.0024	0.0135	0.1882	0.4941	0.0647	0.0447	0.0035	0.0047	0.0271	0.2765	0.9882	0.1294	0.0844	0.0071
AERCO BENCHMARK SERIES - BUILDING 26	AB26-1	AB26-1	PER 106 183	3,000	NG	1020	4000	0.3 AND 100	5.5	2.3	50	84	11	7.6	0.6	0.0162	0.0068	0.1471	0.2471	0.0324	0.0224	0.0018	0.0024	0.0135	0.2941	0.4941	0.0647	0.0447	0.0035
AERCO BENCHMARK SERIES - BUILDING 26	AB26-2	AB26-2	PER 106 183	3,000	NG	1020	4000	0.3 AND 100	5.5	2.3	50	84	11	7.6	0.6	0.0162	0.0068	0.1471	0.2471	0.0324	0.0224	0.0018	0.0024	0.0135	0.2941	0.4941	0.0647	0.0447	0.0035
EAST BELLER BOILER - BUILDING 36	36-BLR1	36-BLR1	PER 106 183	4,000	NG	4000	0	0.3 AND 100	5.5	2.3	50	84	11	7.6	0.6	0.0009	0.0009	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
WEST BELLER BOILER - BUILDING 36	36-B																												

QUARTERLY DEGREASER INSPECTION CHECKLIST - PLANT 1																																													
Date of Inspection: 8/5/2024		Name of Inspector: Sam Sutton				Meets Compliance Requirements										Does Not Meet Compliance Requirements																													
COMPLIANCE REQUIREMENTS		DEGREASER NUMBER																																											
Building	B06 - 1	B12 - 1	B12 - 2	B02 - 1	B24 - 1	B09 - 1	S29 - 2	B36 - 1	B27ROC-1	B27ROC-2	B27ROC-3	B27ROC-4	B27ROC-5	B27ROC-6	B27ROC-7	B27ROC-8	B27ROC-9	B27ROC-10	B27ROC-11	B27ROC-12	B27ROC-13	B27ROC-14	B27ROC-15	B27ROC-16	B27ROC-17	B27ROC-18	B27ROC-19	B27ROC-20	B27ROC-21	B27ROC-22	B27ROC-23	B27ROC-24	B27ROC-25	B27ROC-26	B27ROC-27	B27ROC-28	B27ROC-29	B27ROC-30	B27ROC-31	B27ROC-32	B27ROC-33	B27ROC-34			
LOCATION DETAIL	86 ETCHEN	MAINT	MAINT	MAINT	LAB	FLOOR	MATLAB	MAINT	91B8552	91B8550	91B8551	91B8559	91B8514	91B8510	91B8557	91B8551	91B8555	RAMCO	91B8515 (2)	91B8517	91B8516	91B8502	91B8506	91B8401	91B8501	91B8508	91B8504	91B8507	91B8505	91B8504	91B8503	RAM-T50F	RAM-T50K2	TDOL CRB	N-15	N-15	N-15	N-15	N-15	N-15	N-15	N-15			
Is the cover kept closed when not in use?																																													
Are the operating instructions posted on the unit?																																													
Does the spray wand only produce a solid stream? (Not atomized)																																													
Are porous materials (wood, cloth, etc.) kept out of the degreaser?																																													
Is a freboard ratio of 7 maintained? See instructions below.																																													
Is there a "clean parts" drainage rack?																																													
Are parts drained for 15 seconds or until dripping ceases?																																													
Is waste solvent stored in closed containers until removed from site for disposal?																																													
Freboard Ratio = For open-top cold solvent cleaners only, the unit shall have a minimum freboard ratio of 7. This is the distance from the top of the solvent level to the top edge of the degreasing tank divided by the smallest degreaser width. This requirement does not apply to remote reservoir cleaners. For 115.4112(A), it does not apply to degreasers containing solvent with a VP of <0.6 psia @ 100°. For the PBR, the freboard DOES apply.																																													
Note Revision: 8/22/2024																																													

**Form OP-PBRSUP - Instructions**  
**Permits By Rule Supplemental Table**  
**Texas Commission on Environmental Quality**

**General:**

The form is used to provide supplemental information for all Permits by Rule (PBRs) that authorize emission units for a site (or area) subject to the requirements of the Federal Operating Permit (FOP) Program. For emission units identified on Form OP-SUM or Form OP-SUMR, the PBR registration number identified in Section A must also be included on Form OP-SUM or Form OP-SUMR.

The Texas Commission on Environmental Quality (TCEQ) regulated entity reference number (RNXXXXXXXXXX), if assigned, and the application area name from Form OP-1 (Site Information Summary) must appear on the header of each page for purposes of identification for the initial submittal. The date of the initial submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). The date on each table should be revised with any updated submittal provided during the review process. Leave the permit number blank only if the initial form submittal accompanies an initial application. If this form is included as part of the permit renewal or revision process, enter the FOP permit number assigned by the TCEQ, the area name from Form OP-1, the date of the renewal or revision submittal, and the regulated entity reference number. The form OP-PBRSUP should be submitted for any PBR authorization updates with each revision and renewal application.

The TCEQ requires that a Core Data Form be submitted on all incoming applications/registrations unless a regulated entity reference number and customer reference number have been issued by the TCEQ and no core data information has changed. If a regulated entity reference number or customer reference number has been issued, then the number must be noted on the request or applicable form. For more information regarding the Core Data Form, call (512) 239-5175 or go to the TCEQ website at: [www.tceq.texas.gov/permitting/central\\_registry/guidance.html](http://www.tceq.texas.gov/permitting/central_registry/guidance.html)

**Specific:**

Permits by Rule (30 TAC Chapter 106) for the Application Area

**Emission units authorized under the following PBRs and any corresponding historical (pre-March 1997) SEs are required to be listed in sections A, B, and D:**

PBR No.	Name or Subject	PBR No.	Name or Subject
106.124	Pilot Plants	106.373	Refrigeration Systems
106.142	Rock Crushers	106.374	Lime Slaking
106.144	Bulk Mineral Handling	106.375	Aqueous Electrolytic
106.145	Bulk Sand Handling	106.376	Decorative Chrome Plating
106.146	Soil Stabilization Plants	106.392	Thermoset Resin
106.147	Asphalt Concrete Plants	106.393	Convey/Storage Plastic/Rubber
106.150	Asphalt Silos	106.395	Plastic/Rubber Mix (No Solvent)
106.181	Used Oil Combustion Units	106.396	Plastic Rubber Mix (Solvent)
106.182	Ceramic Kilns	106.411	Steam or Dry Cleaning Equipment
106.183	Boilers, Heaters, and Other Combustion Units	106.412	Fuel Dispensing
106.221	Extrusion Presses	106.416	Uranium Recovery



PBR No.	Name or Subject	PBR No.	Name or Subject
106.223	Sawmills	106.417	Ethylene Oxide Sterilizers
106.224	Aerospace	106.418	Printing Presses
106.225	Semiconductor	106.419	Photographic Process Equipment
106.226	Coating Manufacturing	106.433	Surface Coat
106.227	Soldering, Brazing, Welding	106.434	Powder Coating Facility
106.231	Wood Products	106.435	Classic or Antique Auto Restoration Facility
106.245	Ethyl Alcohol Facilities	106.436	Auto Body Refinishing
106.261	Facility; Emission Limits	106.452	Dry Abrasive Cleaning
106.262	Facility; Emission/Distance	106.454	Degreasing
106.263	Repairs and Maintenance	106.472	Organic/Inorganic Liquid Loading and Unloading
106.264	Replacements of Facilities	106.473	Organic Liquid Loading and Unloading
106.265	Hand-Held/Manually Operated Machines	106.474	Hydrochloric Acid Storage
106.281	Feed Milling	106.475	Pressure Tank or Vent to Firebox
106.283	Grain Handling	106.476	Pressure Tank or Vent to Control
106.311	Crucible or Pot Furnace	106.477	Anhydrous NH <sub>3</sub> Storage
106.314	Shell Core and Mold Machines	106.478	Storage Tank and Change Service
106.315	Sand or Investment Molds	106.491	Dual Chamber Incinerators
106.320	Miscellaneous Metallic Treatment	106.492	Flares
106.321	Metal Melting and Holding Furnace	106.493	Direct Flame Incinerators
106.322	Furnace to Reclaim Aluminum or Copper	106.494	Pathological Waste Incinerators
106.332	Chlorine Repackaging	106.495	Heat Cleaning Devices
106.351	Salt Water Disposal	106.496	Air Curtain Incinerators
106.352	Oil and Gas Production	106.511	Portable and Emergency Engines and Turbines

PBR No.	Name or Subject	PBR No.	Name or Subject
106.353	Temporary Oil and Gas Facilities	106.512	Stationary Engines and Turbines
106.354	Iron Sponge Gas-Treating Unit	106.513	Natural Gas-Fired Combined Heat and Power Units
106.355	Pipeline Metering, Purging, and Maintenance	106.532	Water/Wastewater Treatment
106.359	Planned Maintenance, Startup, and Shutdown (MSS) at Oil and Gas Handling and Production Facilities	106.533	Water and Soil Remediation
106.371	Cooling Water Units	106.534	Municipal Solid Waste Landfills and Transfer Stations

**A. Registered Permits by Rule (30 TAC Chapter 106) for the Application Area**

This section provides all PBR authorized emission units for the application area that require registration with the TCEQ.

**Unit ID No.:**

Enter the identification number (ID No.) for the emission unit authorized by the registered PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

**Registration No.:**

Enter the registration number provided by TCEQ upon authorization.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Registration Date:**

Enter the date (MM/DD/YYYY) the authorization was issued to the site. This is the date of the PBR authorization letter.

**B. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**

This section provides all PBR authorized emission units for the application area that are claimed (and not registered).

**Unit ID No.:**

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Version No./Date:**

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

**C. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area**

This section provides all PBR authorizations for the application area that are not identified in the table above and are considered insignificant sources.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Version No./Date:**

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

**D. Monitoring Requirements for registered and claimed PBRs for the Application Area**

This section provides the monitoring and/or recordkeeping requirements sufficient to demonstrate compliance for the registered and claimed PBRs identified in sections A and B.

**Unit ID No.:**

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

**PBR No.:**

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

**Version No./Date:**

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

**Monitoring Requirement:**

Provide the monitoring and/or recordkeeping requirements used to demonstrate compliance with the applicable PBR conditions, general requirements of 30 TAC §106.4 or general requirements (if any) in effect at the time of the claim, and any certified registration of emission limits as applicable for the emission units. The specificity of the monitoring and/or recordkeeping requirements is required to be consistent with the [Periodic Monitoring Guidance](#) and include the following:

- Identify one or more indicators of emission control performance for the control device, or the parameter to be monitored if a control device is not utilized. Indicators may include, but are not limited to, direct or predicted emissions (including visible emissions or opacity), control device parameters, process parameters which are correlated to an emission rate through performance testing or AP-42 emission factors, or recorded finding of inspection and maintenance activities conducted by the owner or operator.
- Identify the frequency of conducting the monitoring. The monitoring frequencies should be consistent with the minimum monitoring frequency found in the applicable PM guidance document. For example, control device parameters may be monitored once per week.
- If applicable, identify the period over which discrete data points will be averaged.

**Permit By Rule Supplemental Table (Page 1)**  
**Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number

Unit ID No.	Registration No.	PBR No.	Registration Date

**Permit By Rule Supplemental Table (Page 2)**  
**Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number

Unit ID No.	PBR No.	Version No./Date

**Permit By Rule Supplemental Table (Page 3)**  
**Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number

PBR No.	Version No./Date

**Permit By Rule Supplemental Table (Page 4)**  
**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area**  
**Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement

**TABLE 2**  
**RECIPROCATING ENGINE EMISSION RATES**  
**BELL HELICOPTER TEXTRON, INC.**  
**BUILDING 36 EMERGENCY GENERATOR**

**ENGINE DATA**

ENGINE APPLICATION	EMERGENCY GENERATOR		
ENGINE MANUFACTURER	CUMMINS (25SG-6)		
ENGINE MODEL	NT-855-GS		
ENGINE HORSEPOWER	225 hp		
ENGINE FUEL CONSUMPTION	8000 BTU/hp-hr	19.3 g/hr	
Construction Date	11/1980		

**ENGINE EMISSIONS DATA**      **AP-42 Chapter 3**

EMISSION CONTROL METHOD	NONE	
NOx	14.06 g/bhp-hr	<b>AP-42 Factors</b>
CO	3.02 g/bhp-hr	
TOC	1.14 g/bhp-hr	
SO2	0.92 g/bhp-hr	
PM	0.916 g/bhp-hr	
Aldehyde	0.18 g/bhp-hr	

**FUEL DATA**

FUEL TYPE	DIESEL
HEATING VALUE (hhv)	137,380 BTU/GAL
SULFUR CONTENT	0.0015% WT%
DENSITY	6.9 LB/GAL

**OPERATING SCHEDULE**

MAXIMUM ANNUAL RUN TIME	100 hr/yr
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AIR CONTAMINANT	BRAKE SPECIFIC EMISSION RATE (g/bhp-hr)	OPERATING HORSEPOWER (hp)	SHORT TERM EMISSIONS (lb/hr)	ANNUAL OPERATING SCHEDULE (hr/yr)	ANNUAL EMISSION RATE (tpy)	IN PPD Ozone
NOx	14.1	225	6.97	100	0.3487	1.9271
CO	3.02	225	1.50	100	0.0749	0.4139
TOC	1.1	225	0.57	100	0.0283	0.1563
SO2	0.9	225	0.46	100	0.0228	0.1261
PM	0.9	225	0.45	100	0.0227	0.1256
Aldehyde	0.2	225	0.09	100	0.0045	0.0247



**From:** Sutton, Samuel <ssutton@bellflight.com>  
**Sent:** Tuesday, December 3, 2024 1:59 PM  
**To:** Primavera Trevino  
**Subject:** Re: Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Hi Primavera, I am in training today. I'll get these items back to you by COB 12/5. Thank you for your help.

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---

**From:** Primavera Trevino <Primavera.Trevino@tceq.texas.gov>  
**Sent:** Tuesday, December 3, 2024 1:56:16 PM  
**To:** Sutton, Samuel <ssutton@bellflight.com>  
**Subject:** Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Mr. Sutton,

There are a few items that I need clarification on. On page 88 of the OP-REQ1 there is a PBR No. 120317 needed to be removed from this form. The PBR No. in parenthesis 106.454 is the correct number needed in place of 120317. The version date for PBR No. 106.261 is also incorrect. Please submit a revised version of page 88 of the OP-REQ1, you do not have to resubmit the whole application.

In the application after page 88 of Form OP-REQ1, there is an additional page with a list of permits by rule. In this list there are multiple Permits by Rule that are not listed on page 88 of the OP-REQ1. Please verify if this page is needed.

An OP-PBRSUP is also required to be submitted for this application. This can be found here: [TCEQ Form 20875 - OP-PBRSUP - Instructions Permit By Rule Supplemental Table](#)

A Major NSR Summary Table has been included in the application. Can you provide some clarification to why this was added in the application as it is not in the effective permit and is not required for this application.

Please respond to this email by 12/04/24. If you have any questions, please contact me.

Thank you,  
***Primavera Treviño***

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)

Phone: (512) 239-6209



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**From:** Primavera Trevino  
**Sent:** Tuesday, December 3, 2024 1:56 PM  
**To:** ssutton@bellflight.com  
**Subject:** Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

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Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)

Phone: (512) 239-6209





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**From:** Sutton, Samuel <ssutton@bellflight.com>  
**Sent:** Monday, December 2, 2024 10:26 AM  
**To:** Primavera Trevino  
**Subject:** RE: Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

**Importance:** High

Hi Primavera,

After reviewing your email below, I do not believe that any additional information will be needed for this submittal.

Also, I do not see any direct requests for additional information/details below; that being said, if you need anything else, please let me know.

Regards,

**SAM SUTTON**

Sr. EHS Specialist | Bell  
Principal Environmental Engineer  
Office: +1-817-280-1254  
Mobile: +1-469-724-7523  
[ssutton@bellflight.com](mailto:ssutton@bellflight.com)  
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**From:** Primavera Trevino <Primavera.Trevino@tceq.texas.gov>  
**Sent:** Friday, November 22, 2024 4:11 PM  
**To:** Sutton, Samuel <ssutton@bellflight.com>  
**Subject:** Technical Review -- FOP O1631/Project 37188, Bell Textron, Inc./Bell Textron Plant 1

Mr. Sutton,

I have been assigned to the Federal Operating Permit (FOP) renewal application of Permit No. O1631 for Bell Textron, Inc., Bell Textron Plant 1. This application has been assigned Project No. 37188. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

In addition, I wanted to let you know that EPA has, on occasion, objected to Title V permits based on the following:

- a. NSR permit and PBR monitoring sufficiency –please refer to our periodic monitoring guidance for reference of monitoring that EPA has, so far, considered sufficient.
- b. Reference to confidential business information (CBI) in NSR permits and PBR submittals.
- c. High level terms in the SOP Applicable Requirement Summary Table. The high-level terms are sometimes used in SOPs when unit attribute forms have not yet been updated due to regulatory amendments.
- d. Accuracy of PBR information provided on the supplemental table and in the permit – please refer to Forms OP-PBRSUP and OP-REQ1 Instructions.

If you have any questions or concerns on any of these items or think you need to do any additional updates, let me know and we can discuss further.

Application updates may now be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an original signature OP-CRO1. Application updates that are provided through email or physical mail require certification using an original signature OP-CRO1.

Please notify me when these updates have been submitted.

**As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at [R6AirPermitsTX@epa.gov](mailto:R6AirPermitsTX@epa.gov) and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents](#).**

Thank you for your cooperation.

***Primavera Treviño***

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)

Phone: (512) 239-6209





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at [www.tceq.texas.gov/customersurvey](http://www.tceq.texas.gov/customersurvey)

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Thank you for your cooperation.

***Primavera Treviño***

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division



[Primavera.Trevino@tceq.texas.gov](mailto:Primavera.Trevino@tceq.texas.gov)

Phone: (512) 239-6209



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at [www.tceq.texas.gov/customersurvey](http://www.tceq.texas.gov/customersurvey)

**From:** eNotice TCEQ  
**Sent:** Monday, September 30, 2024 1:42 PM  
**To:** Kelly.hancock@senate.texas.gov; Tony.tinderholt@house.texas.gov  
**Subject:** TCEQ Notice - Permit Number O1631  
**Attachments:** TCEQ Notice - O1631\_37188.pdf

This email is being sent to electronically transmit an official document issued by the Office of Air of the Texas Commission on Environmental Quality.

This email is being sent to you because either (a) you filed a document with the Office of the Chief Clerk that made you part of the official mailing list for the above referenced matter, or (b) notice to you is legally required. As authorized by Texas Water Code 5.128, this electronic transmittal is replacing the previous practice of hard copy distribution. Amendments to Texas Government Code 552.137 prompted a change to the agency's privacy policy regarding confidentiality of certain email addresses. The revised privacy policy can be viewed at [http://www.tceq.state.tx.us/help/policies/electronic\\_info\\_policy.html](http://www.tceq.state.tx.us/help/policies/electronic_info_policy.html).

Questions regarding this email may be submitted either by replying directly to this email or by calling Mr. Jesse Chacon, P.E. with the Air Permits Division at (512) 239-5759.

The attached document is provided in an Adobe Acrobat .pdf format. If you cannot display the attachment, you may need to visit the Adobe web site (<http://get.adobe.com/reader>) to download the free Adobe Acrobat Reader software.



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## Sen. Kelly G. Hancock (R)

Last modified on: 12-19-2022 16:21:33

TX Senator  
(Texas Senate (/online/txsenate/))

Entered Office: 01-08-2013

Term Ends: 01-2027

District: 9

### General Information

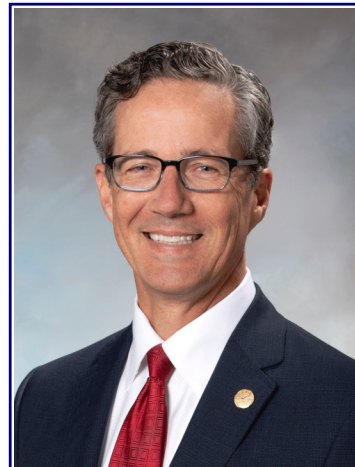
Profession: Independent Business Owner

Home Town: North Richland Hills

Birthdate: 12-02-1963

Spouse: Robin

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name=Sen. Kelly G. Hancock)

### Personal Information

BBA-Baylor University

H-2007-2013; S-2013-present

### Office Information

Dist. 9 - Tarrant (46%)

### Committees

**Veteran Affairs-Chair** (/online/sencom/detail.php?id=309); Water, Agriculture & Rural Affairs-VC  
(/online/sencom/detail.php?id=523); Finance (/online/sencom/detail.php?id=301); Health & Human Services  
(/online/sencom/detail.php?id=303); Natural Resources & Economic Development (/online/sencom/detail.php?  
id=311); Redistricting-Special (/online/sencom/detail.php?id=532); Transportation (/online/sencom/detail.php?  
id=304)

### Contact and Phone Numbers

Capitol Office:  
1E.12  
Capitol Phone: (512) 463-0109  
Capitol Fax: (512) 463-7003  
📍 District Map (<http://www.fyi.legis.texas.gov/fyiwebdocs/pdf/senate/dist9/m1.pdf>)  
✉ [kelly.hancock@senate.texas.gov](mailto:kelly.hancock@senate.texas.gov) (<mailto:kelly.hancock@senate.texas.gov>)

## Staff

Office	Office Holder	Phone / Fax
Chief of Staff	Stacey Chamberlin (/online/person/?id=16729&staff=38)	(512) 463-0109 / (512) 463-7003
Legislative Director	Taylor Borer (/online/person/?id=68154&staff=9883)	(512) 463-0109 / (512) 436-7003
Scheduler & Legislative Correspondent	Hallie Ruiz (/online/person/?id=53542&staff=7625)	(512) 463-0109 / (512) 463-7003

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Matt Shaheen (TX House Representative) (/online/search/?tosearch=Matt+Shaheen+%28TX+House+Representative%29&searchcat=1)

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Bill Search (<http://www.legis.state.tx.us/Search/BillSearch.aspx>)

Texas at Your Fingertips (<https://texas.gov/>)

State Symbols (<https://www.thestoryoftexas.com/education/texas-symbols>)

Governor Appointment (<http://governor.state.tx.us/news/appointment/>)

Addressing Procedures (<https://lrl.texas.gov/genInfo/ContactLeg.cfm>)

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TOSEARCH=JOHN+RANEY+%28TX+HOUSE+REPRESENTATIVE%29&SEARCHCAT=1)

STAN KITZMAN (TX HOUSE REPRESENTATIVE) (/ONLINE/SEARCH/?  
TOSEARCH=STAN+KITZMAN+%28TX+HOUSE+REPRESENTATIVE%29&SEARCHCAT=1)

MATT SHAHEEN (TX HOUSE REPRESENTATIVE) (/ONLINE/SEARCH/?  
TOSEARCH=MATT+SHAHEEN+%28TX+HOUSE+REPRESENTATIVE%29&SEARCHCAT=1)

ANGELA PAXTON (/ONLINE/SEARCH/?TOSEARCH=ANGELA+PAXTON+&SEARCHCAT=1)

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CAPITOL MAPS ( <a href="https://tspb.texas.gov/plan/maps/maps.html">HTTPS://TSPB.TEXAS.GOV/PLAN/MAPS/MAPS.HTML</a> )	>
BILL FILINGS ( <a href="http://www.legis.state.tx.us/">HTTP://WWW.LEGIS.STATE.TX.US/</a> )	>
BILL SEARCH ( <a href="http://www.legis.state.tx.us/search/billsearch.aspx">HTTP://WWW.LEGIS.STATE.TX.US/SEARCH/BILLSEARCH.ASPX</a> )	>
TEXAS AT YOUR FINGERTIPS ( <a href="https://texas.gov/">HTTPS://TEXAS.GOV/</a> )	>
STATE SYMBOLS ( <a href="http://www.legis.state.tx.us/resources/statesymbols.aspx">HTTP://WWW.LEGIS.STATE.TX.US/RESOURCES/STATESYMBOLS.ASPX</a> )	>
GOVERNOR APPOINTMENT ( <a href="http://governor.state.tx.us/news/appointment/">HTTP://GOVERNOR.STATE.TX.US/NEWS/APPOINTMENT/</a> )	>

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Austin, Texas 78701  
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## Rep. Tony Tinderholt (R)

Last modified on: 12-15-2022 16:00:27

TX House Representative  
(Texas House of Representatives  
(/online/txhouse/))

Entered Office: 01-13-2015  
District: 94

### General Information

Profession: Retired military  
Home Town: Arlington  
Birthdate: 08-13-1970  
Spouse: Bethany  
Download vCard (/online/vcard/?id=50239&office=16752) (?  
(/online/aboutvcards/))



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name=Rep. Tony Tinderholt)

### Personal Information

MA Educational Leadership-Touro College

H-2015-present.

### Office Information

Dist. 94 - Tarrant (9%)

Sens. Birdwell, Hancock, King, Parker

### Committees

Defense & Veterans' Affairs (/online/housecom/detail.php?id=264); Homeland Security & Public Safety  
(/online/housecom/detail.php?id=424)

### Contact and Phone Numbers

Capitol Office:

E1.420

Capitol Phone: (512) 463-0624

📍 Zip Codes Within The District (<https://fyi.capitol.texas.gov/fyiwebdocs/PDF/house/dist94/r9.pdf>)

📍 District Map (<http://www.fyi.legis.state.tx.us/fyiwebdocs/PDF/house/dist94/m1.pdf>)

✉️ [Tony.Tinderholt@house.texas.gov](mailto:Tony.Tinderholt@house.texas.gov) (<mailto:Tony.Tinderholt@house.texas.gov>)

District Office

1000 Ballpark Way, Suite 301

Arlington, TX 76011

☎️ (817) 478-5000

## Staff

Office	Office Holder	Phone / Fax
Chief of Staff	Hannah Sacia (/online/person/?id=51437&staff=7364)	
Legislative Director	Jake Neidert (/online/person/?id=69664&staff=10184)	
District Director	Shannon Kidd (/online/person/?id=66859&staff=9508)	

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Thresa "Terry" Meza (TX House Representative) (/online/search/?tosearch=Thresa+%22Terry%22+Meza+%28TX+House+Representative%29&searchcat=1)

Brenda Gunter (Mayor) (/online/search/?tosearch=Brenda+Gunter+%28Mayor%29&searchcat=1)

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Cities (/online/city/?page=35)

Cities (/online/city/)

Counties (/online/county/?aid=m)

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Texas at Your Fingertips (<https://texas.gov/>)

State Symbols (<https://www.thestoryoftexas.com/education/texas-symbols>)

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THRESA "TERRY" MEZA (TX HOUSE REPRESENTATIVE) (/ONLINE/SEARCH/?TOSEARCH=THRESA+%22TERRY%22+MEZA+%28TX+HOUSE+REPRESENTATIVE%29&SEARCHCAT=1)

BRENDA GUNTER (MAYOR) (/ONLINE/SEARCH/?TOSEARCH=BRENDA+GUNTER+%28MAYOR%29&SEARCHCAT=1)

FRANK TAMBUNGA (/ONLINE/SEARCH/?TOSEARCH=FRANK+TAMBUNGA&SEARCHCAT=1)

JOHN DURRENBERGER (/ONLINE/SEARCH/?TOSEARCH=JOHN+DURRENBERGER&SEARCHCAT=1)

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CAPITOL MAPS ([HTTPS://TSPB.TEXAS.GOV/PLAN/MAPS/MAPS.HTML](https://tspb.texas.gov/plan/maps/maps.html))



BILL FILINGS ([HTTP://WWW.LEGIS.STATE.TX.US/](http://www.legis.state.tx.us/))



BILL SEARCH ([HTTP://WWW.LEGIS.STATE.TX.US/SEARCH/BILLSEARCH.ASPX](http://www.legis.state.tx.us/search/billsearch.aspx))



TEXAS AT YOUR FINGERTIPS ([HTTPS://TEXAS.GOV/](https://texas.gov/))



STATE SYMBOLS ([HTTP://WWW.LEGIS.STATE.TX.US/RESOURCES/STATESYMBOLS.ASPX](http://www.legis.state.tx.us/resources/statesymbols.aspx))



GOVERNOR APPOINTMENT ([HTTP://GOVERNOR.STATE.TX.US/NEWS/APPOINTMENT/](http://governor.state.tx.us/news/appointment/))





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Austin, Texas 78701

 (512) 473-2447

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Jon Niermann, *Chairman*  
Bobby Janecka, *Commissioner*  
Catarina R. Gonzales, *Commissioner*  
Kelly Keel, *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

September 30, 2024

THE HONORABLE KELLY HANCOCK  
TEXAS SENATE  
PO BOX 12068  
AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Renewal Application  
Project Number: 37188  
Permit Number: O1631  
Bell Textron Inc.  
Bell Textron Plant 1  
Fort Worth, Tarrant County  
Regulated Entity Number: RN100222488  
Customer Reference Number: CN600131155

Dear Senator Hancock:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.16,32.806388&level=13>.

The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment at the site. The FOP identifies and codifies air emission requirements (known as applicable requirements) that apply to the emission units at the site. The FOP does not authorize construction of emission units or emissions from those units. The New Source Review (NSR) permit is the mechanism for these authorizations.

The Honorable Kelly Hancock  
Page 2  
September 30, 2024

Re: Accepted Federal Operating Permit Renewal Application

This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,

A handwritten signature in black ink, appearing to read "Samuel Short", followed by a long horizontal line extending to the right.

Samuel Short, Deputy Director  
Air Permits Division  
Office of Air  
Texas Commission on Environmental Quality

Jon Niermann, *Chairman*  
Bobby Janecka, *Commissioner*  
Catarina R. Gonzales, *Commissioner*  
Kelly Keel, *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

September 30, 2024

THE HONORABLE TONY TINDERHOLT  
TEXAS HOUSE OF REPRESENTATIVES  
PO BOX 2910  
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Renewal Application  
Project Number: 37188  
Permit Number: O1631  
Bell Textron Inc.  
Bell Textron Plant 1  
Fort Worth, Tarrant County  
Regulated Entity Number: RN100222488  
Customer Reference Number: CN600131155

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The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment at the site.

This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,

A handwritten signature in black ink, appearing to read "Samuel Short", followed by a long horizontal line.

Samuel Short, Deputy Director  
Air Permits Division  
Office of Air  
Texas Commission on Environmental Quality

**From:** Johnny Bowers  
**Sent:** Tuesday, September 24, 2024 7:41 AM  
**To:** Miguel Gallegos  
**Subject:** FW: STEERS Title V Application Submittal (New Application)

Please process. Thanks!

-----Original Message-----

From: [steers@tceq.texas.gov](mailto:steers@tceq.texas.gov) <[steers@tceq.texas.gov](mailto:steers@tceq.texas.gov)>  
Sent: Monday, September 23, 2024 12:08 PM  
To: RFCAIR4 <[RFCAIR4@tceq.texas.gov](mailto:RFCAIR4@tceq.texas.gov)>; TVAPPS <[tvapps@tceq.texas.gov](mailto:tvapps@tceq.texas.gov)>  
Subject: STEERS Title V Application Submittal (New Application)

The TV-E application has been successfully submitted by MARLENE MEADOWS. The submittal was received at 09/23/2024 12:07 PM.

The Reference number for this submittal is 681262

The confirmation number for this submittal is 565455.

The Area ID for this submittal is 1631.

The Project ID for this submittal is 37188.

The hash code for this submittal is B10BE3A7350A09A4199A3670D00511DEBC80CC7AB3F27CCC7DB9EA2B617A20C5.

You may access the original application submittal and the notice of final action documents from the COR Viewer which is available at <https://ida.tceq.texas.gov/steersstaff/index.cfm?fuseaction=openadmin.submitlog&newsearch=yes>.

If you have any questions, please contact the STEERS Help Line at 512-239-6925 or by e-mail at [steers@tceq.texas.gov](mailto:steers@tceq.texas.gov).

**Texas Commission on Environmental Quality  
Federal Operating Permit Program  
Individual Unit Summary for Revisions  
Form OP-SUMR Instructions**

**General:**

This form is used for federal operating permit (FOP) revision and renewal applications only. FOP revision and renewal applications must include Form OP-2 (Application for Permit Revision/Renewal), at a minimum.

As a general procedure, when applying for a FOP revision or renewal, only the changes that are the subject of the revision need to be addressed in this form. For the preconstruction authorization section, only include information for the new or changed preconstruction authorization numbers.

The term “unit” in these instructions have the meaning of “emission unit” as defined in Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122). The term “process” refers to a collection of units or devices that have a physical relationship, or source cap, where a regulatory requirement is potentially applicable to the process as a whole. Additional information on process is discussed on Form OP-SUM. Units and processes must be identified when they are to be added to or removed from the permit, or when they are to be added to or removed from a group.

For information regarding units, groups and processes that must be addressed in an application and information regarding preconstruction authorizations, refer to Form OP-SUM (Individual Unit Summary), the Unit Attribute (UA) forms (which are located at [www.tceq.texas.gov/permitting/air/nav/air\\_all\\_ua\\_forms.html](http://www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html)), or the TCEQ guidance document located at [www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title V/additional\\_fop\\_guidance.pdf](http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/additional_fop_guidance.pdf).

The Company Name and Area name (from Form OP-1, Section I and X, respectively) must appear in the header of each page for the purpose of identification. The date of submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). Any subsequent submittals must show the date of revision. Also, enter the Regulated Entity Reference Number (RNXXXXXXXXXX) and (FOP) Permit Number (OXXXX).

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**Specific:**

**Table 1**

*Complete Table 1 if the revision is adding a new emission unit, emission point, or process or deleting an existing emission unit, emission point, or process. Table 2 is not required unless the revision includes an emission unit, emission point, or process being added to or deleted from a group.*

*Deleting a unit on this form will also serve to delete the unit from a group as well as delete any associated requirements in the Applicable Requirements Summary in the issued permit. These deletions will not need to be represented on Form OP-REQ3 (Applicable Requirements Summary).*

**Unit/Process**

**Action Indicator (AI):**

Enter “A” if the emission unit, emission point, or process indicated is an addition to the existing permit. Enter “D” if the existing emission unit, emission point, or process indicated is being deleted from the permit. If an emission unit, emission point, or process is not being added/deleted from the permit, leave blank.

**Revision No.:**

Enter the revision number identified on Form OP-2, Table 2. This number will link the specified change to the appropriate permit revision.

### ID No.:

For emission units, processes, or emission points with potentially applicable requirements that are being added to the permit, enter the facility identification numbers (FINs) or emission point numbers (EPNs) as listed in the TCEQ State of Texas Air Reporting System (STARS). If the FIN or EPN currently does not exist in the STARS, then a new identification number (ID No.) that is consistent with the existing numbering system must be provided by the applicant. For existing units, enter the ID No. that is currently identified in the issued federal operating permit.

*Note: The ID Nos. listed in the "ID No." column cannot begin with "GRP," the character sequence reserved for group ID Nos.*

### Applicable Form:

Enter the number of the UA form which contains the specific information regarding the corresponding emission unit, emission point, or process (i.e., for flares, enter OP-UA7 entitled "Flare Attributes"). See [www.tceq.texas.gov/permitting/air/nav/air\\_all\\_ua\\_forms.html](http://www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html) for a list of UA forms. Enter the UA Form number if the UA form is used in conjunction with Form OP-REQ2 for negative applicability or if the emission unit, emission point, or process has positive applicability in addition to the negative applicability. Enter "OP-REQ2" if all of the following are true:

1. negative applicability is shown through the use of Form OP-REQ2;
2. no unit attribute information is used to substantiate the negative applicability; and
3. the emission unit, emission point, or process has no positive applicability.

The applicable form entered on Form OP-REQ2 must match the applicable form entered on Form OP-SUMR for the emission unit, emission point, or process.

### Name/Description:

For emission units, emission points, or processes being added to the permit, enter a text name or description for the unit from the STARS whenever possible (maximum 50 characters). If no STARS name currently exists, a new name that is consistent with the existing naming convention must be provided by the applicant.

### ★ Complete "CAM" only if the revision incorporates requirements for 40 CFR Part 64, Compliance Assurance Monitoring (CAM).

The following question relating to CAM is for reference only. Certification by the Responsible Official (RO) pursuant to 30 TAC § 22.165 does not extend to the information which is designated on forms as "for reference only."

### CAM:

Indicate if the unit is subject to CAM, by placing a "Y" in the box next to the unit. Please refer to 40 CFR Part 64 to determine applicability.

*Note: For each new emission unit or emission point, at least one preconstruction authorization must be indicated; however, an emission unit or emission point may have multiple authorizations. Preconstruction authorizations listed on this form should also be identified on Form OP-REQ1.*

### 30 TAC Chapter 116/30 TAC Chapter 106:

List all 30 TAC Chapter 116 or 30 TAC Chapter 106 preconstruction authorizations, including PBR registration numbers, under which the unit or process is operating. Use additional lines to list multiple authorizations.

1. **Permit Number:** Enter the TCEQ NSR permit number(s) (XXXXX), for example, 12345. This includes special permits and standard permit registrations. Do not enter PSD permits and nonattainment permits.
2. **Permit by Rule (previously called Standard Exemption):** For each PBR claimed or registered under 30 TAC Chapter 106, and each standard exemption claimed or registered previously under 30 TAC Chapter 116, enter the number and effective date in the appropriate format shown below.

*Note: If units authorized by PBRs are being added or deleted or PBR registration numbers are being added or deleted, these changes must also be identified on Form OP-PBRSUP.*

**Format**

106.XXX/MM/DD/YYYY[rrrr]

XXX/MM/DD/YYYY[rrrr]

Format

**PBR/Standard Exemption Claimed or Registered Date**

Authorized on or after March 14, 1997 (except 106.181 is on or after December 27, 1996)

Authorized prior to March 14, 1997

XXX = 30 TAC Chapter 116 standard exemption number or 30 TAC Chapter 106 PBR number.

MM/DD/YYYY = Standard exemption or PBR effective date, approval date, or modification completion date.

Information on Chapter 116 version dates is available at

[www.tceq.texas.gov/permitting/air/permitbyrule/historical\\_rules/oldselist/se\\_index.html](http://www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/oldselist/se_index.html).

Information on Chapter 106 version dates is available at

[www.tceq.texas.gov/permitting/air/permitbyrule/historical\\_rules/old106list/index106.html](http://www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/old106list/index106.html).

[rrrr] = Registration number for the authorization. If multiple registration numbers apply, list them separated by commas. Examples: Standard exemptions and PBRs would be reflected in Form OP-SUMR as follows:

Authorization	Std. Ex./PBR No.	Date Authorized	Format
Authorized on or after March 14, 1997	106.473	July 25, 1997	106.473/03/14/1997[1010, 2020]
Authorized prior to March 14, 1997	53	October 20, 1990	53/09/12/1989[1010, 2020]

Please note that prior to March 14, 1997, a standard exemption list was incorporated by reference into 30 TAC Chapter 116, and each standard exemption had an assigned number (e.g., 112). Standard exemptions moved into 30 TAC Chapter 106 on March 14, 1997. Each standard exemption now resides in a section of 30 TAC Chapter 106 (e.g., 30 TAC § 106.148) and is now referred to as a PBR. Information regarding PBRs may be found on the TCEQ website at [www.tceq.texas.gov/permitting/air/nav/air\\_pbr.html](http://www.tceq.texas.gov/permitting/air/nav/air_pbr.html).

The applicant has the option of claiming a newer and more stringent version of the standard exemption or PBR if the original applicable version of the standard exemption or PBR cannot easily be determined. As an example of a standard exemption authorized before March 14, 1997, Standard Exemption No. 6 had an effective date of August 30, 1988. It was then amended with a new effective date of July 20, 1992. The standard exemption identifier for a compressor engine constructed in 1993 and registered under Standard Exemption No. 6 would be represented as 6/07/20/1992[rrrr], where [rrrr] is the registration number. As an example of a PBR authorized on or after March 14, 1997, Standard Exemption No. 6 had an effective date of June 7, 1996. It was then amended and moved to 30 TAC § 106.512 with an effective date of March 14, 1997. The PBR identifier for a compressor engine constructed in 1998 and registered under 30 TAC § 106.512 would be represented as 106.512/03/14/1997[rrrr], where [rrrr] is the registration number.

Also, please note that as of August 1, 2020, PBR registration numbers are required to be submitted on this form.

**Title I:**

List all Title I preconstruction authorization (PSD and nonattainment permits) for which the unit is operating. Use multiple lines to list all authorizations. If no Title I preconstruction authorizations apply to the unit, please leave this field blank.

- Prevention of Significant Deterioration (PSD) Permit:** Enter the PSD permit number (PSDTXXXX), for example, PSDTX123. If the PSD permit has been modified, include the "M" suffix (PSDTXXXXMXX), for example, PSDTX123M5.
- Nonattainment Permit:** Enter each nonattainment permit number (NXXXXX), for example, N123. If the nonattainment permit has been modified, include the "M" suffix (NXXXMXX), for example, N123M5.

**Table 2**

Complete Table 2 only if an emission unit, emission point, or process is being added to or deleted from a group.

**Revision No.:**

Enter the revision number identified on Form OP-2, Table 2. This number will link the specified change to the appropriate permit revision.

**ID No.:**

Enter the identification numbers (ID No.) as listed on Table 1 for the emission units, processes, or emission points. If Table 1 is not required, for emission units, processes, or emission points being added to the permit, enter the FINs or EPNs as listed in the STARS for emission units, processes, or emission points with potentially applicable requirements. If the FIN or EPN currently does not exist in the STARS, then a new ID No. that is consistent with the existing numbering system must be provided by the applicant. For existing units, enter the ID No. that is currently identified in the issued federal operating permit.

*Note: The ID Nos. listed in the "ID No." column cannot begin with "GRP," the character sequence reserved for group ID Nos.*

**Applicable Form:**

Enter the number of the UA form which contains the specific information regarding the corresponding emission unit, emission point, or process (i.e., for flares, enter OP-UA7 entitled "Flare Attributes"). See [www.tceq.texas.gov/permitting/air/nav/air\\_all\\_ua\\_forms.html](http://www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html) for a list of UA forms. Enter "OP-ACPS," if the unit ID No. is entered on this form, strictly as a result of completing Form OP-ACPS and no UA form is submitted (see Form OP-ACPS instructions for additional guidance). Enter the UA form number if the UA form is used in conjunction with Form OP-REQ2 for negative applicability, or if the emission unit, emission point, or process has positive applicability in addition to the negative applicability. Enter "OP-REQ2" if all of the following are true:

1. negative applicability is shown through the use of Form OP-REQ2;
2. no unit attribute information is used to substantiate the negative applicability; and
3. the emission unit, emission point, or process has no positive applicability.

The applicable form entered on Form OP-REQ2 must match the applicable form entered on form OP-SUMR for the emission unit, emission point, or process.

**Group AI:**

Enter "A" if the emission unit, emission point, or process identified in the "ID No." column is being added to a group. Enter "D" if the existing emission unit, emission point, or process identified in the "ID No." column is being deleted from a group. If the revision item does not add or delete an emission unit, emission point, or process to or from a group, leave blank.

**Group ID No.:**

If applicable, enter the unique ID No. for the group (for purposes of completing the unit attribute and applicable requirement forms) in the appropriate format. If the revision item does not add or delete an emission unit, emission point or process to or from a group, leave blank.

**Code Format**

GRPXXXXXX

**Description**

Identification number of the group for which the unit is a member

*(First three characters must be "GRP")*



**Table 3**

**Complete Table 3 only for Affected Sources that are subject to the following Program(s): Acid Rain, Cross-State Air Pollution Rule (CSAPR), and/or Texas SO<sub>2</sub> Trading Program.**

**General:**

The Acid Rain Program Permit Requirements, as defined in 30 TAC Chapter 122, Subchapter E, require that the Designated Representative (DR) or Alternate Designated Representative (ADR) submit a permit application for each facility (affected source) with an affected unit. A complete permit application is binding on the owners and operators of the affected source and is enforceable in the absence of a permit until the permitting authority either issues a permit to the source or disapproves the application. The responsibilities of the Designated Representative and Alternate Designated Representative of a CSAPR source, as defined in 40 CFR Part 97 (CSAPR NO<sub>x</sub> and SO<sub>2</sub> Trading Programs), require that each submission under an applicable CSAPR Trading Program shall be made, signed, and certified by the Designated Representative or Alternate Designated Representative for each CSAPR source and CSAPR unit for which the submission is made.

Any reference in these instructions to the Designated Representative (DR) means the Acid Rain Designated Representative and/or the CSAPR Designated Representative, as applicable. Any reference to the Alternate Designated Representative (ADR) means the Alternate Acid Rain Designated Representative and/or the Alternate CSAPR Designated Representative, as applicable. As reflected in this form, the Acid Rain Designated Representative and the CSAPR Designated Representative for a facility (source) must be the same individual, and the Alternate Acid Rain Designated Representative and the Alternate CSAPR Designated Representative for a facility (source) must be the same individual, if such a facility (source) has units subject to the Acid Rain and CSAPR Programs.

**Affected Source Plant Code:**

A plant code is a 4 or 5 digit number assigned by the Department of Energy (DOE) Energy Information Administration (EIA) to plants that generate electricity. For older plants, “plant code” is synonymous with “ORISPL” and “facility” codes. If the facility generates electricity but no plant code has been assigned, or if there is uncertainty regarding what the plant code is, send an email to the EIA at [EIA-860@eia.gov](mailto:EIA-860@eia.gov). For plants that do not produce electricity, use the plant identifier assigned by EPA (beginning with “88”). If the plant does not produce electricity and has not been assigned a plant identifier, contact Laurel DeSantis at [desantis.laurel@epa.gov](mailto:desantis.laurel@epa.gov).

**Specific:****Unit ID No.:**

Each affected unit must be assigned an identification number (maximum 10 characters). The identification number listed on Table 3 must be the same as the identification number listed on Table 1 of this form for the same unit.

*Note: There may be differences between the Unit ID No. on the OP-SUMR and unit names from other sources such as EPA COR, EIA (ORIS), TCEQ SIP lists, etc. However, the Unit ID No. utilized for OP-SUMR, Table 3 must be consistent with those given on the OP-SUMR, Table 1.*

**Applicable Form:**

Enter the number of the applicable UA form used on the first table of the OP-SUMR for the corresponding Unit ID No. If there is no applicable form listed on the first table of the OP-SUMR for the corresponding Unit ID, enter OP-UA1.

**COR Unit ID No.:**

Enter the unit identification number (maximum 10 characters) that is listed on the EPA Certificate of Representation (COR).

**Acid Rain:**

Enter YES for an affected unit subject to the Acid Rain Program (ARP). Otherwise, enter NO.

**ARP Status:**

Select one of the following options that describe the ARP status for that unit. Enter the code on the form.

Code	Description
EU	An existing affected unit with an existing Acid Rain permit
NEW	A new affected unit that does not have an existing Acid Rain permit (Applicant must also submit Form OP-AR1.)
RENEW	An existing affected unit with existing Acid Rain and/or CAIR permits for which the applicant is applying for a renewal (Applicant must also submit Form OP-AR1.)
NEXM	Applying for a new unit exemption under 40 CFR 72.7 (Applicant must also submit required additional information in a separate cover letter.)
REXM	Applying for a retired unit exemption under 40 CFR 72.8 (Applicant must also submit required additional information in a separate cover letter.)
OPT	A unit that is not an affected unit requiring an Acid Rain permit, but applicant is electing to become an affected unit as an "OPT-IN" in the Acid Rain program under 40 CFR Part 74 (Applicant must also submit required additional information in a separate cover letter.)

**CSAPR:**

Enter "YES," if the unit is subject to the requirements of 40 CFR Part 97, Subpart EEEEE (CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program). Otherwise, enter "NO."

**CSAPR Monitoring:**

Select one of the following options that describe the CSAPR NO<sub>x</sub> Ozone Season Group 2 monitoring for that unit. Enter the code on the form.

Code	Description
CEMS	A unit that is complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO <sub>x</sub> and heat input.
CEMSD	A gas or oil-fired unit that is complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO <sub>x</sub> , and with the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.
PEAK	A gas or oil-fired peaking unit that is complying with the monitoring requirements of 40 CFR Part 75, Appendix E for NO <sub>x</sub> , and with the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.
LME	A gas or oil-fired unit that is complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for NO <sub>x</sub> and heat input.
ALTMON	A unit that is complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for NO <sub>x</sub> and heat input.
REXM	Applying for a retired unit exemption under 40 CFR Part 97, Subpart EEEEE (CSAPR NO <sub>x</sub> Ozone Season Group 2 Trading Program) (Applicant must also submit required additional information in a separate cover letter.)

**Texas SO<sub>2</sub>:**

Enter "YES," if the unit is complying with the requirements of 40 CFR Part 97, Subpart FFFFF (Texas SO<sub>2</sub> Trading Program). Otherwise, enter "NO."

**Texas SO<sub>2</sub> Monitoring:**

Select one of the following options that describe the Texas SO<sub>2</sub> monitoring for that unit. Enter the code on the form.

Code	Description
CEMS	A unit that is complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO <sub>2</sub> and 40 CFR Part 75, Subpart H for heat input.
CEMSD	A gas or oil-fired unit that is complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO <sub>2</sub> and heat input.
LME	A gas or oil-fired unit that is complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for SO <sub>2</sub> and heat input.

## Form OP-SUMR Instructions

ALTMON	A unit that is complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for SO <sub>2</sub> and heat input.
REXM	Applying for a retired unit exemption under 40 CFR Part 97, Subpart FFFFF (Texas SO <sub>2</sub> Trading Program) (Applicant must also submit required additional information in a separate cover letter.)

### **COR:**

Enter YES to indicate that the applicant has submitted the COR to the EPA for the Acid Rain and CSAPR programs, as applicable, and has included a copy of the required COR to the TCEQ with this submittal. (Providing the required COR copy to TCEQ authorizes the DR (or ADR) to sign Form OP-CRO1, page 2, to certify Acid Rain and CSAPR program application submittals.)

**Texas Commission on Environmental Quality  
Federal Operating Permit Program  
Individual Unit Summary for Revisions  
Form OP-SUMR**

[Table 1](#)

Date	Permit No.	Regulated Entity No.
09/09/2024	O-01631	100222488

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
N/A	N/A	N/A	N/A	N/A	N/A	N/A	No changes for this renewal

**Texas Commission on Environmental Quality  
Federal Operating Permit Program  
Individual Unit Summary for Revisions  
Form OP-SUMR**

[Table 2](#)

Date	Permit No.	Regulated Entity No.

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.

**Texas Commission on Environmental Quality  
Federal Operating Permit Program  
Individual Unit Summary for Revisions  
Form OP-SUMR**

**Table 3: Acid Rain, Cross-State Air Pollution Rule (CSAPR), and Texas SO<sub>2</sub> Trading Program**

Date	Permit No.	Regulated Entity No.

Unit ID No.	Applicable Form	COR Unit ID No.	Acid Rain	ARP Status	CSAPR	CSAPR Monitoring	Texas SO <sub>2</sub>	Texas SO <sub>2</sub> Monitoring	COR



**Texas Commission on Environmental Quality**  
**Form OP-REQ3 - Instructions**  
**Applicable Requirements Summary**

**General:**

The purpose of Form OP-REQ3 is to allow documentation of the applicability of, or exemption from, requirements for units, groups, and processes and to designate monitoring, recordkeeping, reporting, and testing (MRRT) required for each applicable requirement line (emission limit, standard, equipment specifications, exemption, etc.). The applicant will list units that have at least one applicable requirement. For additional information relating to applicable requirements, please go to the TCEQ web site at

[www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title\\_V/additional\\_fop\\_guidance.pdf](http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/additional_fop_guidance.pdf).

**Table 1a:** Additions

**Table 1b:** Additions

**Table 2a:** Deletions

**Table 2b:** Deletions

*Note: Complete Tables 1a and 1b for initial permit issuance or as part of the permit revision process to identify any new requirements.*

*Note: Complete Tables 2a and 2b for the permit revision process to remove requirements that no longer apply.*

*Note: If there is only a change to MRRT requirements during a permit revision or update to a permit application, to expedite the process, the change only needs to be reflected on Tables 1b and/or 2b. Tables 1a and/or 2a need not be submitted. Likewise, if there is only a change to a standard during a permit revision or update to a permit application, the change only needs to be reflected on Tables 1a and/or 2a. Tables 1b and/or 2b need not be submitted.*

*Note: Complete this form for general operating permit (GOP) revisions to establish provisional requirements for authorization to operate when the underlying GOP does not contain the correct citations.*

The Company Name and Area Name (from Form OP-1, Section I and X, respectively) must appear in the header block of each page for purposes of identification. The date of submittal must also be included, and should be consistent throughout the application (MM/DD/YYYY). Any subsequent submittals must show the date of revision. Also, enter the Regulated Entity Number (RNXXXXXXXX) and Permit Number (OXXXX), if assigned.

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**Specific:**

**Table 1a: Additions and Table 2a: Deletions**

**Revision No.:** Only complete this section for the permit revision process. Enter the revision number identified on Form OP-2 (Application for Permit Revision). This number will link the specific set of applicable requirements to the appropriate permit revision. Please refer to the TCEQ guidance document (Site Operating Permit (SOP) Revision Application Guidance) for additional information regarding the permit revision process.

**Unit/Group/Process**

**ID No.:** Enter the identification number (ID No.) for the unit, group, or process (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

## Form OP-REQ3 Instructions

**Applicable Form:** Enter the number of the Unit Attribute (UA) form which contains the specific information for the corresponding emission unit, emission point, or process (i.e., for flares enter “OP-UA7”). The Applicable Form entered on OP-REQ3 must match the applicable form entered on OP-SUM for the emission unit, emission point, or process.

**SOP/GOP Index No.:** Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please go to the TCEQ web site at [www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title\\_V/additional\\_fop\\_guidance.pdf](http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/additional_fop_guidance.pdf).

General operating permit (GOP) applicants should indicate which provisional requirements are being established if there are no GOP index numbers for the requirements (or checklists for MSW landfill or ACI incinerator).

**Pollutant:** Select one of the following options for the pollutant that is the subject of the applicable requirement. Enter the code on the form.

For criteria pollutants:

Code	Description
CO	Carbon monoxide
NOX	Nitrogen oxides (NO <sub>x</sub> )
VOC	Volatile organic compounds
SO <sub>2</sub>	Sulfur dioxide
PB	Lead
PM	Particulate matter <i>(use this code for any regulatory requirement under any Title 40 Code of Federal Regulations Part 60 [40 CFR Part 60] subpart section or Title 30 Texas Administrative Code Chapter 111 [30 TAC Chapter 111] section where the standard, as designated by the TCEQ Requirements Reference Tables (RRT) and flowchart, is for particulate matter)</i>
PM (OPACITY)	Opacity of particulate matter
HAPS	Hazardous air pollutants (HAPs)

*Note: In some rules, there may be requirements for two different pollutants in a single citation. When this occurs, enter the complete citation for the first pollutant, then again on the next line for the second pollutant. Repeat the unit, group, or process identification number on each line. For example; 30 TAC Chapter 117 has several emission limit paragraphs addressing NO<sub>x</sub> and CO, or anhydrous ammonia (NH<sub>3</sub>). For this example, enter the applicable requirement twice, once for NO<sub>x</sub> and once for CO or NH<sub>3</sub>.*

### Applicable Regulatory Requirement

**Name:** Enter the name of the requirement for which positive applicability is being demonstrated. See examples in the table below (maximum 25 characters).

**Standard(s):** Enter the citation of the applicable standard(s) of the rule. The RRT and flowcharts may be used to assist with applicability determinations. Multiple lines may be necessary to list all applicable portions of a given rule or requirement (maximum 36 characters).

If the requirement has a future effective date, list the effective date on the form after the citation.

*Note: Site-wide requirements should not be listed on Form OP-REQ3. Please refer to the TCEQ guidance documents under “Air Site Operating Permit Guidance (Title V)” for additional information relating to site-wide requirements.*

*Note: To Title IV acid rain sources; standard(s) for acid rain rules (Title 40 Code of Federal Regulations Parts 72-76 [40 CFR Parts 72-76]) are not required on Form OP-REQ3.*



EXAMPLE APPLICABLE REGULATORY REQUIREMENTS*		
Regulation	Name (Input Format)	Standard(s) (Input Format)
30 TAC Chapters 111, 112, 113, 115, 117	Chapter 111	§111.XXX(x)(yy)(zz)
	Chapter 112	§112.XXX(x)(yy)(zz)
	Chapter 113	§113.XXX(x)(yy)(zz)
	Chapter 115	§115.XXX(x)(yy)(zz)
	Chapter 117	§117.XXX(x)(yy)(zz)
40 CFR Part 60, Subparts A-WWW, New Source Performance Standards (NSPS)**	NSPS XXX	§60.XXX(x)(yy)(zz)
40 CFR Part 61, Subparts A-FF National Emission Standards for Hazardous Air Pollutants (NESHAP)	NESHAP XX	§61.XX(x)(yy)(zz)
40 CFR Part 63, Subparts A-XXXXXXX, NESHAP by source category, including hazardous organic NESHAP (HON)	MACT XX	§63.XXX(x)(yy)(zz)

\* This list is not intended to be exhaustive

\*\* The inclusion of 40 CFR Part 60, Subpart A is only for those requirements contained in 40 CFR § 60.18

When using the RRT and flowchart to complete Form OP-REQ3, citations for standards and MRRT may be grouped to the level at which everything underneath the citation applies. A grouped citation will be shown in the RRT with a bolded notation **[GD]** or **[GR]** before the citation, with no space in between.

For example, 40 CFR § 63.468(a) states, “Each owner or operator of an existing solvent cleaning machine shall submit an initial notification no later than 8/29/95. This report shall include the information specified in paragraphs (a)(1) through (a)(6) of this section.” The reporting column on the RRT will then show “**[GD]** § 63.468(a).”

When entering a citation on Form OP-REQ3 that is shown in the RRT with a bolded notation **[GD]** or **[GR]** before the citation, remove the “D” or “R” from the brackets and show the citation as grouped using the unbolded notation [G]. The reporting citation from the previous example would then be shown as “[G] § 63.468(a)” in the Form OP-REQ3 reporting column.

#### Table 1b: Additions and Table 2b: Deletions

**Revision No.:** Only complete this section for the permit revision process. Enter the revision number identified on Form OP-2 (Application for Permit Revision). This number will link the specific set of applicable requirements to the appropriate permit revision. Please refer to the TCEQ guidance document entitled “Site Operating Permit (SOP) Revision Application Guidance” for additional information regarding the permit revision process.

#### Unit/Group/Process

**ID No.:** Enter the identification number (ID No.) for the unit, group, or process (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP Index No.:** Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please go to the TCEQ web site at [www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title\\_V/additional\\_fop\\_guidance.pdf](http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/additional_fop_guidance.pdf).

General operating permit (GOP) applicants should indicate which provisional requirements are being established if there are no GOP index numbers for the requirements (or checklists for MSW landfill or ACI incinerator).

**Pollutant:** Select one of the following options for the pollutant that is the subject of the applicable requirement. Enter the code or pollutant name on the form.

For criteria pollutants:

Code	Description
CO	Carbon monoxide
NOX	Nitrogen oxides (NO <sub>x</sub> )
VOC	Volatile organic compounds
SO <sub>2</sub>	Sulfur dioxide
PB	Lead
PM	Particulate matter ( <i>use this code for any regulatory requirement under any 40 CFR Part 60 subpart sections or 30 TAC Chapter 111 sections where the standard, as designated by the RRT and flowchart, is for particulate matter</i> )
PM (OPACITY)	Opacity of particulate matter
HAPS	Hazardous air pollutants (HAPs)

**Monitoring and Testing Requirements:** Enter the citation of the rule requiring monitoring of the relevant unit against the applicable requirement and/or testing in conjunction with the control standard, emission limit, operations of control equipment, or monitoring equipment of this requirement (maximum 36 characters). Use multiple lines if necessary.

**Recordkeeping Requirements:** Enter the citation of the rule requiring recordkeeping of the relevant unit against the applicable requirement (maximum 36 characters). Use multiple lines if necessary.

**Reporting Requirements:** Enter the citation of the rule requiring reporting of the relevant unit against the applicable requirement (maximum 36 characters). Use multiple lines if necessary.

*Note: Please refer to the "Standards" section of these instructions for information relating to grouping of monitoring, testing, recordkeeping, and reporting citations.*

**Applicable Requirements Summary  
Form OP-REQ3 (Page 1)  
Federal Operating Permit Program**

**Table 1a: Additions**

<b>Date:</b> 9/09/2024	<b>Regulated Entity No.:</b> 100222488	<b>Permit No.:</b> O-01631
<b>Company Name:</b> Bell Textron Inc.	<b>Area Name:</b> Bell Plant 1	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
Bell is not claiming any additions or deletions for this permit renewal. - N/A						

**Applicable Requirements Summary  
Form OP-REQ3 (Page 2)  
Federal Operating Permit Program**

**Table 1b: Additions**

<b>Date:</b>	<b>Regulated Entity No.:</b>	<b>Permit No.:</b>
<b>Company Name:</b>	<b>Area Name:</b>	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements

**Applicable Requirements Summary  
Form OP-REQ3 (Page 3)  
Federal Operating Permit Program**

**Table 2a: Deletions**

<b>Date:</b>	<b>Regulated Entity No.:</b>	<b>Permit No.:</b>
<b>Company Name:</b>	<b>Area Name:</b>	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)

**Applicable Requirements Summary  
Form OP-REQ3 (Page 4)  
Federal Operating Permit Program**

**Table 2b: Deletions**

<b>Date:</b>	<b>Regulated Entity No.:</b>	<b>Permit No.:</b>
<b>Company Name:</b>	<b>Area Name:</b>	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements

*A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.*

PBR No.: 120317 (106.454)	Version No./Date: 11-1-2001
PBR No.: 106.432	Version No./Date: 9-4-2000
PBR No.: 106.433	Version No./Date: 9-4-2000
PBR No.: 106.375	Version No./Date: 9-4-2000
PBR No.: 106.261	Version No./Date: 11-1-2006
PBR No.: 106.262	Version No./Date: 11-1-2003
PBR No.: 106.265	Version No./Date: 9-4-2000
PBR No.: 106.263	Version No./Date: 11-1-2001
PBR No.: 106.227	Version No./Date: 9-4-2000
PBR No.: 106.451	Version No./Date: 9-4-2000
PBR No.: 106.452	Version No./Date: 9-4-2000
PBR No.: 106.454	Version No./Date: 11-1-2001
PBR No.: 106.432	Version No./Date: 9-4-2000
PBR No.: 106.371	Version No./Date: 9-4-2000
PBR No.: 106.373	Version No./Date: 9-4-2000
PBR No.: 106.511	Version No./Date: 9-4-2000
PBR No.: 106.532	Version No./Date: 9-4-2000
PBR No.: 106.472	Version No./Date: 9-4-2000
PBR No.: 106.473	Version No./Date: 9-4-2000
PBR No.: 106.412	Version No./Date: 9-4-2000
PBR No.: 106.183	Version No./Date: 9-4-2000
PBR No.: 106.392	Version No./Date: 9-4-2000

**Form OP-REQ2**  
**Negative Applicable/Superseded Requirement Determinations**  
**Texas Commission on Environmental Quality**

**General:**

The purpose of this form is to document negative applicability from potentially applicable requirements or to document duplicative, redundant, and or contradicting requirements that have been superseded by a more stringent or equivalent requirement for units, groups, and processes when a permit shield is requested. Negative applicability or superseded requirement determinations when a permit shield is NOT requested may be documented on this form OR the appropriate OP-UA form.

A negative applicability determination is any regulatory citation that provides the basis whereby every operating condition of an emission unit is not subject to a regulation. For example; Title 40 Code of Federal Regulation § 60.110b(a) [40 CFR § 60.110b(a)] could be the regulatory basis for a negative applicability determination for a VOC storage tank of less than 75 cubic meters; therefore, the storage tank is completely exempt from 40 CFR Part 60, Subpart Kb.

*Note: Numerous regulatory citations appear to authorize exemptions to qualifying units from those regulations. However, closer examination typically reveals that there are still some requirements which must still be met (such as monitoring and/or recordkeeping).*

For certain emission units subject to certain 40 CFR Part 63 standards, other federal regulations may apply. In many instances one of the overlapping regulations may specify which rule supersedes the other. The regulation may state that the owner or operator only has to comply with a specific subpart after the compliance date or it may state that compliance with the subpart is deemed to be in or constitute compliance with other subparts. Although superseded rules do not qualify as negative applicability determinations, it has been determined that these instances can be documented on the Form OP-REQ2, if the applicant elects to comply only with the superseding requirement. For example; a Group 1 or Group 2 Storage Tank, subject to 40 CFR Part 63, Subpart G, may not be required to comply with 40 CFR Part 60, Subpart Kb due to rule overlap of 40 CFR Part 63, Subpart G. In this case, the permit applicant may request a permit shield from 40 CFR Part 60, Subpart Kb. In this case, the applicant must submit the superseding requirement citation, § 63.110(b), and a textual description of the superseding determination, if they elect to comply with only the superseding requirement.

When this form is used for an emission unit which has one or more potential applicable requirements, the applicant must list all the requirements for which negative applicability or superseded requirement determinations can be made. Once the negative applicability or superseded requirement determinations have been made, indicate the citation and reason for the non-applicability or superseded requirement in the appropriate columns. Indicate the determinations for all potentially applicable requirements for each emission unit before listing the next unit.

Negative applicability or superseded requirement determinations for potentially applicable requirements, confirmed by the TCEQ, may be approved as a permit shield (see instructions outlined in Area Wide Applicability Determinations, Form OP-REQ1, to request a permit shield). However, if a permit shield is requested, an OP-REQ2 is always required. For additional information relating to permit shields, refer to the TCEQ guidance document entitled "Permit Shield Guidance ([www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title\\_V/permit\\_shield.pdf](http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/permit_shield.pdf))".

The Company Name and Area Name (from Form OP-1, Section I and X, respectively) must appear in the header block of each page for purposes of identification. The date of submittal must also be included, and should be consistent throughout the application (MM/DD/YYYY). Any subsequent submittals must show the date of revision. Also enter the Regulated Entity Number (RNXXXXXXXX) and Permit Number (OXXXX), if assigned.



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**Specific:****Unit Action Indicator (AI):**

Only complete this section for the permit revision/renewal. Enter “A” if the entry is a permit addition. Otherwise, enter “D” to indicate a deletion.

**Revision No.:**

Complete this section only for the permit revision/renewal. Enter the number identified on Form OP-2 (Application for Permit Revision). This number will link the specific negative applicable requirement determination to the appropriate revision.

**Unit/Group/Process:****ID NO.:**

Enter the identification number (ID No.) (maximum 10 characters) of the unit, group, or process as listed on Form OP-SUM (Individual Unit Summary).

**Applicable Form:**

Enter the number of the UA form which contains the specific information for the corresponding emission unit, emission point, or process (i.e., for flares enter “OP-UA7” entitled “Flares”) if the unit/emission point, process has other applicable requirements. If negative applicability determinations are only being substantiated on this form by a textual description of the reason, and the emission unit, emission point, or process has no other positive applicability, enter “OP-REQ2.” The Applicable Form entered on OP-REQ2 must match the applicable form entered on OP-SUM for the emission unit, emission point, or process.

**Potentially Applicable Regulatory Name:**

Enter the name of the potentially applicable requirement (maximum 25 characters) for which negative applicability or superseded requirement is being demonstrated.

*Note: Permit shields cannot be granted for permit authorizations of any kind (i.e. - PSD, NSR permit, Acid Rain, etc.).*

**Negative Applicability or Superseded Requirement Citation:**

Enter the citation of the paragraph of the rule that was used to determine negative applicability or superseded requirements. Provide the citation detail to the level of the paragraph allowing the exemption, exclusion, or non-applicability. If there is more than one citation for determining negative applicability or superseded requirements, select the most appropriate or the clearest (least likely to be misinterpreted). Negative applicability or superseded requirement determinations by the applicant are subject to auditing during the permit application review. The applicant must always indicate the negative applicability or superseded requirement citation on the OP-REQ2. For examples on the level of detail for citations, see table below (maximum 36 characters).

## Example Applicable Regulatory Requirements\*

Regulation	Name (Input Format)	Citation (Input Format)
30 TAC Chapters 111, 112, 113, 115 and 117	Chapter 111	§ 111.XXX(x)(yy)(zz)
	Chapter 112	§ 112.XXX(x)(yy)(zz)
	Chapter 113	§ 113.XXX(x)(yy)(zz)
	Chapter 115, Storage of VOCs	§ 115.XXX(x)(yy)(zz)
	Chapter 117, ICI	§ 117.XXX(x)(yy)(zz)
40 CFR Part 60, Subparts A-WWW, New Source Performance Standards (NSPS)**	NSPS XXX	§ 60.XXX(x)(yy)(zz)
40 CFR Part 61, Subparts A-FF National Emission Standards for Hazardous Air Pollutants (NESHAP)	NESHAP XX	§ 61.XX(x)(yy)(zz)
40 CFR Part 63, Subparts A-Y+, NESHAP by source category, including hazardous organic NESHAP (HON)	MACT XX	§ 63.XXX(x)(yy)(zz)

\* This list is not intended to be exhaustive

\*\* The inclusion of 40 CFR Part 60, Subpart A is only for those requirements contained in 40 CFR § 60.18

**Negative Applicability/Superseded Requirement Reason:**

Enter a textual description indicating the reason for the negative applicability or superseded requirement determination. If a permit shield is requested, the textual description provided will be recreated as the *Basis of Determination* for the permit shield in the permit. The description may include rule text, rule preamble, or other text resulting from a historical rule interpretation, EPA applicability determination Index (ADI), or case law. Use multiple lines if necessary (maximum 250 characters).

**Form OP-REQ2**  
**Negative Applicable/Superseded Requirement Determinations**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
9/09/2024	O-01631	10222488

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
N/A	N/A	N/A	N/A	N/A	N/A	No changes in emissions or sources for this renewal.

**Texas Commission on Environmental Quality**  
**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1**  
**Federal Operating Permit Program**

Date:	09/09/2024
Permit No.:	O-01631
RN No.:	100222488

*For SOP applications, answer ALL questions unless otherwise directed.*

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

<b>Form OP-REQ1: Page 1</b>		
<b>I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter</b>		
<b>A. Visible Emissions</b>		
◆	1. The application area includes stationary vents constructed on or before January 31, 1972.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The application area includes stationary vents constructed after January 31, 1972. <i>If the responses to Questions I.A.1 and I.A.2 are both "NO," go to Question I.A.6.</i> <i>If the response to Question I.A.1 is "NO" and the response to Question I.A.2 is "YES," go to Question I.A.4.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. All stationary vents are addressed on a unit specific basis.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	6. The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	8. Emissions from units in the application area include contributions from uncombined water.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	9. The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

**Texas Commission on Environmental Quality**  
**Application Area-Wide Applicability Determinations and General Information**  
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Date:	09/09/2024
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<b>Form OP-REQ1: Page 2</b>	
<b>I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)</b>	
<b>B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots</b>	
1. Items a - d determines applicability of any of these requirements based on geographical location.	
◆ a. The application area is located within the City of El Paso.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ b. The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ c. The application area is located in the portion of Harris County inside the loop formed by Beltway 8.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ d. The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<i>If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO," go to Section I.C.</i>	
2. Items a - d determine the specific applicability of these requirements.	
◆ a. The application area is subject to 30 TAC § 111.143.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ b. The application area is subject to 30 TAC § 111.145.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ c. The application area is subject to 30 TAC § 111.147.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ d. The application area is subject to 30 TAC § 111.149.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>C. Emissions Limits on Nonagricultural Processes</b>	
◆ 1. The application area includes a nonagricultural process subject to 30 TAC § 111.151.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements. <i>If the response to Question I.C.2 is "NO," go to Question I.C.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. All vents from nonagricultural process in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

**Texas Commission on Environmental Quality**  
**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1**  
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Date:	09/09/2024
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*For SOP applications, answer ALL questions unless otherwise directed.*

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<b>Form OP-REQ1: Page 3</b>	
<b>I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)</b>	
<b>C. Emissions Limits on Nonagricultural Processes (continued)</b>	
4. The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.5 is "NO," go to Question I.C.7.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
6. All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
8. The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.8 is "NO," go to Section I.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
9. All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>D. Emissions Limits on Agricultural Processes</b>	
1. The application area includes agricultural processes subject to 30 TAC § 111.171.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>E. Outdoor Burning</b>	
◆ 1. Outdoor burning is conducted in the application area. <i>If the response to Question I.E.1 is "NO," go to Section II.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209.	<input type="checkbox"/> YES <input type="checkbox"/> NO

**Texas Commission on Environmental Quality**  
**Application Area-Wide Applicability Determinations and General Information**  
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Date:	09/09/2024
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RN No.:	100222488

*For SOP applications, answer ALL questions unless otherwise directed.*

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<b>Form OP-REQ1: Page 4</b>	
<b>I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)</b>	
<b>E. Outdoor Burning (continued)</b>	
◆ 5. Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>II. Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds</b>	
<b>A. Temporary Fuel Shortage Plan Requirements</b>	
1. The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds</b>	
<b>A. Applicability</b>	
◆ 1. The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10. <i>See instructions for inclusive counties. If the response to Question III.A.1 is "NO," go to Section IV.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>B. Storage of Volatile Organic Compounds</b>	
◆ 1. The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

**Texas Commission on Environmental Quality**  
**Application Area-Wide Applicability Determinations and General Information**  
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Date:	09/09/2024
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RN No.:	100222488

*For SOP applications, answer ALL questions unless otherwise directed.*

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

<b>Form OP-REQ1: Page 5</b>	
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>	
<b>C. Industrial Wastewater</b>	
1. The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140. <i>If the response to Question III.C.1 is "NO" or "N/A," go to Section III.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area. <i>If the response to Question III.C.2 is "YES" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater). <i>If the response to Question III.C.3 is "YES," go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons). <i>If the response to Question III.C.4 is "YES," go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2).	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4).	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>D. Loading and Unloading of VOCs</b>	
◆ 1. The application area includes VOC loading operations.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area includes VOC transport vessel unloading operations. <i>For GOP applications, if the responses to Questions III.D.1 - D.2 are "NO," go to Section III.E.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO



**Texas Commission on Environmental Quality**  
**Application Area-Wide Applicability Determinations and General Information**  
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*For SOP applications, answer ALL questions unless otherwise directed.*

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

<b>Form OP-REQ1: Page 6</b>	
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>	
<b>D. Loading and Unloading of VOCs (continued)</b>	
◆ 3. Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities</b>	
◆ 1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container. <i>If the response to Question III.E.1 is "NO," go to Section III.F.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 3. All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent. <i>If the response to Question III.E.2 and/or E.3 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 4. The application area is located in a covered attainment county as defined in 30 TAC § 115.10. <i>If the response to Question III.E.4 is "NO," go to Question III.E.9.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 5. Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. At facilities located in covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014. <i>If the response to Question III.E.7 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 7</b>		
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>		
<b>E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)</b>		
◆	8. At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004. <i>If the response to Question III.E.8 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	11. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	12. At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)</b>		
◆	1. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A

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<b>Form OP-REQ1: Page 8</b>	
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>	
<b>F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)</b>	
◆ 2. Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 3. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
<b>G. Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities</b>	
◆ 1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks. <i>If the response to Question III.G.1 is "NO" or "N/A," go to Section III.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 3. The application area includes facilities that began construction prior to November 15, 1992. <i>If the responses to Questions III.G.2 and Question III.G.3 are both "NO," go to Section III.H.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 5. The decommissioning of all Stage II vapor recovery control equipment located in the application area has been completed and the decommissioning notice submitted.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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<b>Form OP-REQ1: Page 9</b>	
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>	
<b>H. Control Of Reid Vapor Pressure (RVP) of Gasoline</b>	
◆ 1. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County. <i>If the response to Question III.H.1 is "NO" or "N/A," go to Section III.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 2. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes a motor vehicle fuel dispensing facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>I. Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries</b>	
1. The application area is located at a petroleum refinery.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>J. Surface Coating Processes (Complete this section for GOP applications only.)</b>	
◆ 1. Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(3)(A) or 115.427(7) are performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A

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<b>Form OP-REQ1: Page 10</b>	
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>	
<b>K. Cutback Asphalt</b>	
1. Conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots, is used or specified for use in the application area by a state, municipal, or county agency. <i>If the response to Question III.K.1 is "N/A," go to Section III.L.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
2. The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
3. Asphalt emulsion is used or produced within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is using an alternate control requirement as specified in 30 TAC § 115.513. <i>If the response to Question III.K.4 is "NO," go to Section III.L.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The applicant using cutback asphalt is a state, municipal, or county agency.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels</b>	
◆ 1. The application area includes degassing operations for stationary, marine, and/or transport vessels. <i>If the response to Question III.L.1 is "NO" or "N/A," go to Section III.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 2. Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area. <i>If the response to Question III.L.2 is "YES," go to Section III.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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<b>Form OP-REQ1: Page 11</b>		
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>		
<b>L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)</b>		
◆	3. Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	4. Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	5. Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	7. Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure $\geq$ 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
<b>M. Petroleum Dry Cleaning Systems</b>		
	1. The application area contains one or more petroleum dry cleaning facilities that use petroleum based solvents.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A

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<b>Form OP-REQ1: Page 12</b>	
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>	
<b>N. Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC))</b>	
1. The application area includes one or more vent gas streams containing HRVOC.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
2. The application area includes one or more flares that emit or have the potential to emit HRVOC. <i>If the responses to Questions III.N.1 and III.N.2 are both "NO" or "N/A," go to Section III.O. If the response to Question III.N.1 is "YES," continue with Question III.N.3.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
3. All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times. <i>If the responses to Questions III.N.3 and III.N.4 are both "NO," go to Section III.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area contains pressure relief valves that are not controlled by a flare.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area has at least one vent stream which has no potential to emit HRVOC.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>O. Cooling Tower Heat Exchange Systems (HRVOC)</b>	
1. The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A

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<b>Form OP-REQ1: Page 13</b>	
<b>IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds</b>	
<b>A. Applicability</b>	
◆ 1. The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area. <i>For SOP applications, if the response to Question IV.A.1 is "YES," complete Sections IV.B - IV.F and IV.H.</i> <i>For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "YES," go to Section IV.F.</i> <i>For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES," complete Sections IV.C and IV.F.</i> <i>For GOP applications, if the response to Question IV.A.1 is "NO," go to Section VI.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln. <i>If the response to Question IV.A.2 is "YES," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes a utility electric generator in an east or central Texas county. <i>See instructions for a list of counties included.</i> <i>If the response to Question IV.A.3 is "YES," go to Question IV.G.1.</i> <i>If the responses to Questions IV.A.1 - 3 are all "NO," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>B. Utility Electric Generation in Ozone Nonattainment Areas</b>	
1. The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300. <i>If the response to Question IV.B.1 is "NO," go to Question IV.C.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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<b>Form OP-REQ1: Page 14</b>	
<b>IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)</b>	
<b>C. Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas</b>	
◆ 1. The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400. <i>For SOP applications, if the response to Question IV.C.1 is "NO," go to Question IV.D.1. For GOP applications for GOP 517, if the response to Question IV.C.1 is "NO," go to Section IV.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area is located at a site that was a major source of NO <sub>x</sub> before November 15, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 3. The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>D. Adipic Acid Manufacturing</b>	
1. The application area is located at, or part of, an adipic acid production unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<b>E. Nitric Acid Manufacturing - Ozone Nonattainment Areas</b>	
1. The application area is located at, or part of, a nitric acid production unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<b>F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines</b>	
◆ 1. The application area is located at a site that is a minor source of NO <sub>x</sub> in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County). <i>For SOP applications, if the response to Question IV.F.1 is "NO," go to Question IV.G.1. For GOP applications, if the response to Question IV.F.1 is "NO," go to Section VI.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 3. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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<b>Form OP-REQ1: Page 15</b>		
<b>IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)</b>		
<b>F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)</b>		
◆	4. The application area is located in the Dallas/Fort Worth Eight-Hour area (except for Wise County) and has units that qualify for an exemption under 30 TAC § 117.2103.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	6. The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC § 117.2025 or 30 TAC § 117.2125. <i>If the response to Question IV.F.6 is "NO," go to Section IV.G.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	7. An ACSS for carbon monoxide (CO) has been approved?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	8. An ACSS for ammonia (NH <sub>3</sub> ) has been approved?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	9. Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below.  N/A	
<b>G. Utility Electric Generation in East and Central Texas</b>		
	1. The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995. <i>If the response to Question IV.G.1 is "NO," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	2. The application area is complying with the System Cap in 30 TAC § 117.3020.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>H. Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters</b>		
	1. The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less. <i>If the response to question IV.H.1 is "NO," go to Section V.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	2. All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products</b>	
<b>A. Subpart B - National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings</b>	
1. The application area manufactures automobile refinishing coatings or coating components and sells or distributes these coatings or coating components in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area imports automobile refinishing coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States. <i>If the responses to Questions V.A.1 and V.A.2 are both "NO," go to Section V.B.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. All automobile refinishing coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>B. Subpart C - National Volatile Organic Compound Emission Standards for Consumer Products</b>	
1. The application area manufactures consumer products for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is a distributor of consumer products whose name appears on the label of one or more of the products. <i>If the responses to Questions V.B.1 - V.B.3 are all "NO," go to Section V.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 17</b>	
<b>V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products (continued)</b>	
<b>C. Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings</b>	
1. The application area manufactures or imports architectural coatings for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. <i>If the responses to Questions V.C.1-2 are both "NO," go to Section V.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5).	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>D. Subpart E - National Volatile Organic Compound Emission Standards for Aerosol Coatings</b>	
1. The application area manufactures or imports aerosol coating products for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is a distributor of aerosol coatings for resale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>E. Subpart F - Control of Evaporative Emissions From New and In-Use Portable Fuel Containers</b>	
1. The application area manufactures or imports portable fuel containers for sale or distribution in the United States. <i>If the response to Question V.E.1 is "NO," go to Section VI.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards</b>	
<b>A. Applicability</b>	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts. <i>If the response to Question VI.A.1 is "NO," go to Section VII.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 18</b>	
<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>	
<b>B. Subpart Y - Standards of Performance for Coal Preparation and Processing Plants</b>	
1. The application area is located at a coal preparation and processing plant. <i>If the response to Question VI.B.1 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). <i>If the response to Question VI.B.2 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. <i>If the response to Question VI.B.3 is "YES," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The plant contains an open storage pile, as defined in § 60.251, as an affected facility. <i>If the response to Question VI.B.4 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The open storage pile was constructed, reconstructed or modified after May 27, 2009.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)</b>	
◆ 1. The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired. <i>If the response to Question VI.C.1 is "NO" or "N/A," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 2. One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005. <i>If the response to Question VI.C.2 is "NO," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 19</b>	
<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>	
<b>C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)</b>	
◆ 5. One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>D. Subpart XX - Standards of Performance for Bulk Gasoline Terminals</b>	
1. The application area includes bulk gasoline terminal loading racks. <i>If the response to Question VI.D.1 is "NO," go to Section VI.E.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO<sub>2</sub>) Emissions</b>	
◆ 1. The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). <i>For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011. <i>For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD. <i>For SOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>	
<b>E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO<sub>2</sub>) Emissions (continued)</b>	
◆ 4. Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD.  <i>For SOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 5. Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below.	
<b>F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants</b>	
1. The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant.  <i>If the response to Question VI.F.1 is "NO," go to Section VI.G.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems</b>	
1. The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987.  <i>If the response to Question VI.G.1 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes storm water sewer systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 21</b>	
<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>	
<b>G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)</b>	
3. The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes non-contact cooling water systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes individual drain systems. <i>If the response to Question VI.G.5 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes completely closed drain systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004</b>	
◆ 1. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "NO," go to Question VI.H.4.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 2. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.H.4 is "NO," go to Section VI.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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<b>Form OP-REQ1: Page 22</b>	
<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>	
<b>H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004 (continued)</b>	
◆ 5. The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. <i>If the response to Question VI.H.5 is "NO," go to Question VI.H.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 8. All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001</b>	
◆ 1. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "NO," go to Question VI.I.4.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 2. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>		
<b>I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)</b>		
◆	3. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.I.4 is "NO," go to Section VI.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001. <i>If the response to Question VI.I.5 is "NO," go to VI.I.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 24</b>	
<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>	
<b>J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006</b>	
◆ 1. The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.J.1 is "N/A," go to Section VI.K. If the response to Question VI.J.1 is "NO," go to Question VI.J.4.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 2. The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.J.4 is "NO," go to Section VI.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 5. The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006. <i>If the response to Question VI.J.5 is "NO," go to Question VI.J.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)</b>	
<b>J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)</b>	
◆ 8. All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 9. The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 10. The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>K. Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution</b>	
◆ 1. The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants</b>	
<b>A. Applicability</b>	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts. <i>If the response to Question VII.A.1 is "NO" or "N/A," go to Section VIII.</i>	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<b>B. Subpart F - National Emission Standard for Vinyl Chloride</b>	
1. The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride.	YES <input type="checkbox"/> NO
<b>C. Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks Emission Sources) of Benzene (Complete this section for GOP applications only)</b>	
◆ 1. The application area includes equipment in benzene service.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>D. Subpart L - National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants</b>	
1. The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b). <i>If the response to Question VII.D.1 is "NO," go to Section VII.E.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>E. Subpart M - National Emission Standard for Asbestos</b>	
<b><i>Applicability</i></b>	
1. The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155. <i>If the response to Question VII.E.1 is "NO," go to Section VII.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b><i>Roadway Construction</i></b>	
2. The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b><i>Manufacturing Commercial Asbestos</i></b>	
3. The application area includes a manufacturing operation using commercial asbestos. <i>If the response to Question VII.E.3 is "NO," go to Question VII.E.4.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Visible emissions are discharged to outside air from the manufacturing operation	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>E. Subpart M - National Emission Standard for Asbestos (continued)</b>	
<b><i>Manufacturing Commercial Asbestos (continued)</i></b>	
c. Asbestos-containing waste material is processed into non-friable forms.	YES <input type="checkbox"/> NO <input type="checkbox"/>
d. Asbestos-containing waste material is adequately wetted.	YES <input type="checkbox"/> NO <input type="checkbox"/>
e. Alternative filtering equipment is being used that has received EPA approval.	YES <input type="checkbox"/> NO <input type="checkbox"/>
f. A high efficiency particulate air (HEPA) filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles	YES <input type="checkbox"/> NO <input type="checkbox"/>
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	YES <input type="checkbox"/> NO <input type="checkbox"/>
<b><i>Asbestos Spray Application</i></b>	
4. The application area includes operations in which asbestos-containing materials are spray applied. <i>If the response to Question VII.E.4 is "NO," go to Question VII.E.5.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying. <i>If the response to Question VII.E.4.a is "YES," go to Question VII.E.5.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>E. Subpart M - National Emission Standard for Asbestos (continued)</b>	
<b><i>Asbestos Spray Application (continued)</i></b>	
d. Asbestos-containing waste material is processed into non-friable forms.	YES <input type="checkbox"/> NO <input type="checkbox"/>
e. Asbestos-containing waste material is adequately wetted.	YES <input type="checkbox"/> NO <input type="checkbox"/>
f. Alternative filtering equipment is being used that has received EPA approval.	YES <input type="checkbox"/> NO <input type="checkbox"/>
g. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	YES <input type="checkbox"/> NO <input type="checkbox"/>
h. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	YES <input type="checkbox"/> NO <input type="checkbox"/>
<b><i>Fabricating Commercial Asbestos</i></b>	
5. The application area includes a fabricating operation using commercial asbestos. <i>If the response to Question VII.E.5 is "NO," go to Question VII.E.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Visible emissions are discharged to outside air from the manufacturing operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
d. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>E. Subpart M - National Emission Standard for Asbestos (continued)</b>	
<b><i>Fabricating Commercial Asbestos (continued)</i></b>	
f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	YES <input type="checkbox"/> NO <input type="checkbox"/>
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	YES <input type="checkbox"/> NO <input type="checkbox"/>
<b><i>Non-sprayed Asbestos Insulation</i></b>	
6. The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying.	YES <input type="checkbox"/> NO <input type="checkbox"/>
<b><i>Asbestos Conversion</i></b>	
7. The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>F. Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities</b>	
1. The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations</b>	
1. The application area is located at a benzene production facility and/or bulk terminal. <i>If the response to Question VII.G.1 is "NO," go to Section VII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes benzene transfer operations at marine vessel loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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<b>Form OP-REQ1: Page 30</b>	
<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)</b>	
3. The application area includes benzene transfer operations at railcar loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes benzene transfer operations at tank-truck loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>H. Subpart FF - National Emission Standard for Benzene Waste Operations</b>	
<b>Applicability</b>	
1. The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341.	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b). <i>If the responses to Questions VII.H.1 and VII.H.2 are both "NO," go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates. <i>If the response to Question VII.H.3 is "YES," go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagram per year (Mg/yr). <i>If the response to Question VII.H.4 is "YES," go to Section VIII</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr. <i>If the response to Question VII.H.5 is "YES," go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 31</b>	
<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)</b>	
<b>Applicability (continued)</b>	
6. The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has waste streams with flow-weighted annual average water content of 10% or greater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Waste Stream Exemptions</b>	
8. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw).	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area transfers waste off-site for treatment by another facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area is complying with 40 CFR § 61.342(d).	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area is complying with 40 CFR § 61.342(e). <i>If the response to Question VII.H.13 is "NO," go to Question VII.H.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area has facility waste with a flow weighted annual average water content of less than 10%.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 32</b>	
<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)</b>	
<b>Container Requirements</b>	
15. The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste. <i>If the response to Question VII.H.15 is "NO," go to Question VII.H.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VII.H.16 is "YES," go to Question VII.H.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Individual Drain Systems</b>	
18. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste. <i>If the response to Question VII.H.18 is "NO," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VII.H.19 is "YES," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VII.H.20 is "NO," go to Question VII.H.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 33</b>	
<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)</b>	
<i>Individual Drain Systems (continued)</i>	
22. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VII.H.22 is "NO," go to Question VII.H.25.</i>	YES <input type="checkbox"/> NO <input type="checkbox"/>
23. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	YES <input type="checkbox"/> NO <input type="checkbox"/>
24. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	YES <input type="checkbox"/> NO <input type="checkbox"/>
<i>Remediation Activities</i>	
25. Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.	YES <input type="checkbox"/> NO <input type="checkbox"/>
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories</b>	
<b>A. Applicability</b>	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63. <i>See instructions for 40 CFR Part 63 subparts made applicable only by reference.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry</b>	
1. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.B.1 is "NO," go to Section VIII.D.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)</b>	
<p>2. The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii).</p> <p><i>If the response to Question VIII.B.2 is "NO," go to Section VIII.D.</i></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<p>3. The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>4. The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>5. The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does <u>not</u> use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.</p> <p><i>If the response to Questions VIII.B.3, B.4 and B.5 are all "NO," go to Section VIII.D.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 35</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater</b>	
<b><i>Applicability</i></b>	
1. The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F. <i>If the response to Question VIII.C.1 is "NO," go to Section VIII.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148. <i>If the response to Question VIII.C.3 is "NO," go to Question VIII.C.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes vapor collection systems or closed-vent systems that are constructed of hard-piping.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere. <i>If the response to Question VIII.C.5 is "NO," go to Question VIII.C.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b><i>Vapor Collection and Closed Vent Systems</i></b>	
6. Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. Bypass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 36</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)</b>	
<b><i>Reloading or Cleaning of Railcars, Tank Trucks, or Barges</i></b>	
8. The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank. <i>If the response to Question VIII.C.8 is "NO," go to Question VIII.C.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b><i>Transfer Racks</i></b>	
11. The application area includes Group 1 transfer racks that load organic HAPs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b><i>Process Wastewater Streams</i></b>	
12. The application area includes process wastewater streams. <i>If the response to Question VIII.C.12 is "NO," go to Question VIII.C.34.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. <i>If the response to Question VIII.C.13 is "NO," go to Question VIII.C.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. <i>If the response to Question VIII.C.15 is "NO," go to Question VIII.C.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)</b>	
<b><i>Process Wastewater Streams (continued)</i></b>	
16. The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272. <i>If the response to Question VIII.C.17 is "NO," go to Question VIII.C.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. The application area includes process wastewater streams, located at existing sources that are Group 2.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)</b>	
<b>Process Wastewater Streams (continued)</b>	
24. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.24 is "YES," go to Question VIII.C.34.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
25. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.25 is "NO," go to Question VIII.C.27.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
27. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
28. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.C.27 - VIII.C.28 are both "NO," go to Question VIII.C.30.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
29. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
30. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)</b>	
<b><i>Drains</i></b>	
31. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.C.31 is "NO," go to Question VIII.C.34.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
32. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
33. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
34. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.C.34 is "NO," go to Question VIII.C.39.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
35. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.C.35 is "NO," go to Question VIII.C.39.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
36. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>C. Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)</b>	
<b>Drains (continued)</b>	
37. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
38. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(l)(1) or (l)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Gas Streams</b>	
39. The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant.	<input type="checkbox"/> YES <input type="checkbox"/> NO
40. The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5).	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>D. Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks</b>	
1. The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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<b>Form OP-REQ1: Page 41</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>E. Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities</b>	
1. The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials. <i>If the response to Question VIII.E.1 is "NO," go to Section VIII.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O. <i>If the response to Question VIII.E.2 is "NO," go to Section VIII.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>F. Subpart Q - National Emission Standards for Industrial Process Cooling Towers</b>	
1. The application area includes industrial process cooling towers. <i>If the response to Question VIII.F.1 is "NO," go to Section VIII.G.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Chromium-based water treatment chemicals have been used on or after September 8, 1994.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)</b>	
1. The application area includes a bulk gasoline terminal.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes a pipeline breakout station. <i>If the responses to Questions VIII.G.1 and VIII.G.2 are both "NO," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station. <i>If the response to Question VIII.G.3 is "YES," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)</b>	
4. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs. <i>If the response to Question VIII.G.4 is "YES," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station. <i>If the response to Question VIII.G.5 is "NO," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep). <i>If the response to Question VIII.G.6 is "NO," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. Emissions screening factor less than 0.5 (ET or EP < 0.5). <i>If the response to Question VIII.G.7 is "YES," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0). <i>If the response to Question VIII.G.8 is "YES," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0). <i>If the response to Question VIII.G.9 is "YES," go to Question VIII.G.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The site at which the application area is located is a major source of HAP. <i>If the response to Question VIII.G.10 is "NO," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 43</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry</b>	
1. The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2. <i>If the response to Question VIII.H.1 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3). <i>If the response to Question VIII.H.2 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources. <i>If the response to Question VIII.H.3 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes one or more kraft pulping systems that are existing sources.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24. <i>If the response to Question VIII.H.6 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 44</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>I. Subpart T - National Emission Standards for Halogenated Solvent Cleaning</b>	
1. The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins</b>	
1. The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units. <i>If the response to Question VIII.J.1 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U. <i>If the response to Question VIII.J.2 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)</b>	
5. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.5 is "YES," go to Question VIII.J.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.6 is "NO," go to Question VIII.J.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.J.8 - VIII.J.9 are both "NO," go to Question VIII.J.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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<b>Form OP-REQ1: Page 46</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)</b>	
<b>Containers</b>	
11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Drains</b>	
12. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.J.12 is "NO," go to Question VIII.J.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit. <i>If the response to Question VIII.J.15 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12). <i>If the response to Question VIII.J.16 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 47</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)</b>	
<b>Drains (continued)</b>	
17. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>K. Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production</b>	
1. The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area. <i>If the response to Question VIII.K.1 is "NO" or "N/A," go to Section VIII.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes a BLR and/or WSR research and development facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>L. Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting</b>	
1. The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter. <i>If the response to Question VIII.L.1 is "NO" or "N/A," go to Section VIII.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>M. Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations</b>	
1. The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries</b>	
<b>Applicability</b>	
1. The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7). <i>If the response to Question VIII.N.1 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7). <i>If the response to Question VIII.N.2 is "YES," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)</b>	
<b>Applicability (continued)</b>	
3. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.N.3 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC. <i>If the response to Question VIII.N.4 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. <i>If the response to Question VIII.N.7 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)</b>	
<b>Applicability (continued)</b>	
9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Containers, Drains, and other Appurtenances</b>	
11. The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations</b>	
1. The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). <i>If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)</b>	
4. The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10).	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a “state” or “municipality.”	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The predominant activity in the application area is the treatment of wastewater received from off-site.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6).	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners).	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year. <i>If the response to Question VIII.O.10 is “YES,” go to Section VIII.P.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)</b>	
11. The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater. <i>If the response to Question VIII.O.11 is "NO," go to Question VIII.O.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. VOHAP concentration is determined by direct measurement.	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. VOHAP concentration is based on knowledge of the off-site material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system. <i>If the response to Question VIII.O.14 is "NO," go to Question VIII.O.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight.	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes containers that manage non-exempt off-site material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes individual drain systems that manage non-exempt off-site materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>P. Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities</b>	
1. The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. <i>If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>Q. Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.</b>	
◆ 1. The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user. <i>For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.R.</i> <i>For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 3. The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. <i>For SOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.R.</i> <i>For GOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area is located at a site that is a major source of HAP. <i>If the response to Question VIII.Q.4 is "NO," go to Question VIII.Q.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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<b>Form OP-REQ1: Page 54</b>		
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)</b>		
◆	<p>5. The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft<sup>3</sup>) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day.</p> <p><i>For SOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.R.</i></p> <p><i>For GOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.Z.</i></p> <p><i>For all applications, if the response to Question VIII.Q.5 is "NO," go to Question VIII.Q.9.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>6. The application area includes a triethylene glycol (TEG) dehydration unit.</p> <p><i>For SOP applications, if the answer to Question VIII.Q.6 is "NO," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "NO," go to Section VIII.Z.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>7. The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>8. The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>9. Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii).</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 55</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>R. Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)</b>	
1. The application area includes shipbuilding or ship repair operations. <i>If the response to Question VIII.R.1 is "NO," go to Section VIII.S.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>S. Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations</b>	
1. The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations. <i>If the response to Question VIII.S.1 is "NO" or "N/A," go to Section VIII.T.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>T. Subpart KK - National Emission Standards for the Printing and Publishing Industry</b>	
1. The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<b>U. Subpart PP - National Emission Standards for Containers</b>	
1. The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions. <i>If the response to Question VIII.U.1 is "NO," go to Section VIII.V.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes containers using Container Level 1 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes containers using Container Level 2 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 56</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>U. Subpart PP - National Emission Standards for Containers (continued)</b>	
4. The application area includes containers using Container Level 3 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>V. Subpart RR - National Emission Standards for Individual Drain Systems</b>	
1. The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards</b>	
1. The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process. <i>If the responses to Questions VIII.W.1 and VIII.W.2 are both "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.W.6 is "NO," go to Question VIII.W.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 57</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
7. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.W.8 and W.9 are both "NO," go to Question VIII.W.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.W.12 is "NO," go to Question VIII.W.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 58</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit. <i>If the response to Question VIII.W.15 is "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3). <i>If the response to Question VIII.W.16 is "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 59</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes an ethylene production process unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
21. The application area includes waste streams generated from an ethylene production process unit. <i>If the responses to Questions VIII.W.20 and VIII.W.21 are both "NO" or "N/A," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
22. The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1). <i>If the response to Question VIII.W.22 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. Waste stream(s) are transferred off-site for treatment. <i>If the response to Question VIII.W.23 is "NO," go to Question VIII.W.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. <i>If the response to Question VIII.W.24 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 60</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
25. The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR § 61.342(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b). <i>If the response to Question VIII.W.26 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
27. The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control. <i>If the response to Question VIII.W.27 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
28. The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s). <i>If the response to Question VIII.W.28 is "NO," go to Question VIII.W.33.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
29. The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
30. The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. <i>If the response to Question VIII.W.30 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
31. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 61</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
32. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. <i>If the response to Question VIII.W.32 is required, go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
33. The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream. <i>If the response to Question VIII.W.33 is "NO," go to Question VIII.W.36.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
34. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.34 is "YES," go to Question VIII.W.36.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
35. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
36. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream. <i>If the response to Question VIII.W.36 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
37. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.37 is "YES," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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<b>Form OP-REQ1: Page 62</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
38. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.38 is "NO," go to Question VIII.W.40.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
39. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
40. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.40 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
41. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
42. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
43. The application area has at least one waste stream that contains benzene. <i>If the response to Question VIII.W.43 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
44. The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene. <i>If the response to Question VIII.W.44 is "NO," go to Question VIII.W.47.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
45. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.45 is "YES," go to Question VIII.W.47.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
46. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
47. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene. <i>If the response to Question VIII.W.47 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
48. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.48 is "YES," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
49. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.49 is "NO," go to Question VIII.W.51.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
50. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
51. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.51 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
52. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
53. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
54. The application area contains a cyanide chemicals manufacturing process. <i>If the response to Question VIII.W.54 is "NO," go to Section VIII.X.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
55. The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins</b>	
1. The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ. <i>If the response to Question VIII.X.1 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units. <i>If the response to Question VIII.X.2 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. All process wastewater streams generated or managed in the application area are from sources producing polystyrene. <i>If the response to Question VIII.X.3 is "YES," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. <i>If the response to Question VIII.X.4 is "YES," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)</b>	
5. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.X.8 is "YES," go to Question VIII.X.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.X.9 is "NO," go to Question VIII.X.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.X.11 - VIII.X.12 are both "NO," go to Question VIII.X.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 66</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)</b>	
13. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Containers</b>	
14. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Drains</b>	
15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.X.15 is "NO," go to Question VIII.X.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an thermoplastic product process unit. <i>If the response to Question VIII.X.18 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 67</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)</b>	
<b>Drains (continued)</b>	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). <i>If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 68</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>Y. Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.</b>	
1. The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>Z. Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.</b>	
◆ 1. The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)</b>	
1. The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP. <i>If the response to Question VIII.AA.1, AA.2 or AA.3 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF. <i>If the response to Question VIII.AA.4 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 69</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)</b>	
5. The application area includes process wastewater streams. <i>If the response to Question VIII.AA.5 is "NO," go to Question VIII.AA.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.8 is "YES," go to Section VIII.AA.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.9 is "NO," go to Question VIII.AA.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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<b>Form OP-REQ1: Page 70</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)</b>	
13. Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). <i>If the response to Question VIII.AA.13 is "NO," go to Question VIII.AA.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected.	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite. <i>If the response to Question VIII.AA.15 is "NO," go to Question VIII.AA.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.AA.19 is "NO," go to Question VIII.AA.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 71</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)</b>	
21. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.AA.22 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.AA.23 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
25. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 72</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)</b>	
<b>BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.</b>	
1. The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation</b>	
1. The application area includes a facility at which a site remediation is conducted. <i>If the answer to Question VIII.CC.1 is "NO," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a site that is a major source of HAP. <i>If the answer to Question VIII.CC.2 is "NO," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. All site remediation's qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). <i>If the answer to Question VIII.CC.3 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. <i>If the answer to Question VIII.CC.4 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The site remediation will be completed within 30 consecutive calendar days.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. No site remediation will exceed 30 consecutive calendar days. <i>If the answer to Question VIII.CC.6 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. <i>If the answer to Question VIII.CC.8 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)</b>	
9. The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. <i>If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area includes containers with a capacity greater than 0.46 m <sup>3</sup> that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities</b>	
1. The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions. <i>If the response to Question VIII.DD.1 is "NO," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The EAF steelmaking facility is a research and development facility. <i>If the response to Question VIII.DD.2 is "YES," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. Metallic scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. Scrap containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. Scrap not containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities</b>	
1. The application area is located at a site that is an area source of HAPs. <i>If the answer to Question EE.1 is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. <i>If the answer to Question VIII.EE.4 is "NO," go to Question VIII.EE.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC. <i>If the answer to Question VIII.EE.6 is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The bulk gasoline terminal has throughput of less than 250,000 gallons per day. <i>If the answer to Question VIII.EE.7 is "YES," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The bulk gasoline terminal loads gasoline into railcar cargo tanks. <i>If the answer to Question VIII.EE.9 is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)</b>	
11. The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>FF. Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities</b>	
◆ 1. The application area is located at a site that is an area source of hazardous air pollutants. <i>If the answer to Question VIII.FF.1 is "NO," go to Section VIII.GG.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. <i>If the answer to Question VIII.FF.2 is "NO," go to Section VIII.GG.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>GG. Recently Promulgated 40 CFR Part 63 Subparts</b>	
◆ 1. The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. <i>If the response to Question VIII.GG.1 is "NO," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	

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<b>IX. Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions</b>	
<b>A. Applicability</b>	
◆ 1. The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone</b>	
<b>A. Subpart A - Production and Consumption Controls</b>	
◆ 1. The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<b>B. Subpart B - Servicing of Motor Vehicle Air Conditioners</b>	
◆ 1. Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>C. Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances</b>	
◆ 1. The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<b>D. Subpart D - Federal Procurement</b>	
◆ 1. The application area is owned/operated by a department, agency, or instrumentality of the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<b>E. Subpart E - The Labeling of Products Using Ozone Depleting Substances</b>	
◆ 1. The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 3. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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<b>Form OP-REQ1: Page 77</b>	
<b>X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)</b>	
<b>F. Subpart F - Recycling and Emissions Reduction</b>	
◆	1. Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area.
	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.
	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The application area manufactures appliances or refrigerant recycling and recovery equipment.
	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
<b>G. Subpart G - Significant New Alternatives Policy Program</b>	
◆	1. The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound. <i>If the response to Question X.G.1 is "NO" or "N/A," go to Section X.H.</i>
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7).
	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
<b>H. Subpart H -Halon Emissions Reduction</b>	
◆	1. Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. Disposal of halons or manufacturing of halon blends is conducted in the application area.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<b>XI. Miscellaneous</b>	
<b>A. Requirements Reference Tables (RRT) and Flowcharts</b>	
1.	The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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<b>Form OP-REQ1: Page 78</b>	
<b>XI. Miscellaneous (continued)</b>	
<b>B. Forms</b>	
◆ 1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <i>If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.	
<b>C. Emission Limitation Certifications</b>	
◆ 1. The application area includes units for which federally enforceable emission limitations have been established by certification.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements</b>	
1. The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. <i>If the response to Question XI.D.3 is "YES," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. <i>If the response to Question XI.D.4 is "YES," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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<b>Form OP-REQ1: Page 79</b>	
<b>XI. Miscellaneous (continued)</b>	
<b>E. Title IV - Acid Rain Program</b>	
1. The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>F. 40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO<sub>x</sub> Ozone Season Group 2 Trading Program</b>	
1. The application area includes emission units subject to the requirements of the CSAPR NO <sub>x</sub> Ozone Season Group 2 Trading Program. <i>If the response to Question XI.F.1 is "NO," go to Question XI.F.7.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO <sub>x</sub> and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO <sub>x</sub> , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for NO <sub>x</sub> , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for NO <sub>x</sub> and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for NO <sub>x</sub> and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes emission units that qualify for the CSAPR NO <sub>x</sub> Ozone Season Group 2 retired unit exemption.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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<b>Form OP-REQ1: Page 80</b>	
<b>XI. Miscellaneous (continued)</b>	
<b>G. 40 CFR Part 97, Subpart FFFFF - Texas SO<sub>2</sub> Trading Program</b>	
1. The application area includes emission units complying with the requirements of the Texas SO <sub>2</sub> Trading Program. <i>If the response to Question XI.G.1 is "NO," go to Question XI.G.6.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO <sub>2</sub> and 40 CFR Part 75, Subpart H for heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO <sub>2</sub> and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for SO <sub>2</sub> and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for SO <sub>2</sub> and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes emission units that qualify for the Texas SO <sub>2</sub> Trading Program retired unit exemption.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>H. Permit Shield (SOP Applicants Only)</b>	
1. A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 81</b>		
<b>XI. Miscellaneous (continued)</b>		
<b>I. GOP Type (Complete this section for GOP applications only)</b>		
◆	1. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, Waller, and Wise Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>J. Title 30 TAC Chapter 101, Subchapter H</b>		
◆	1. The application area is located in a nonattainment area. <i>If the response to Question XI.J.1 is "NO," go to question XI.J.3.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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<b>Form OP-REQ1: Page 82</b>		
<b>XI. Miscellaneous (continued)</b>		
<b>J. Title 30 TAC Chapter 101, Subchapter H (continued)</b>		
◆	4. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO <sub>x</sub> .	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	6. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	7. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>K. Periodic Monitoring</b>		
◆	1. The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The permit currently contains at least one periodic monitoring requirement. <i>If the responses to Questions XI.K.1 and XI.K.2 are both "NO," go to Section XI.L.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. All periodic monitoring requirements are being removed from the permit with this application.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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<b>Form OP-REQ1: Page 83</b>		
<b>XI. Miscellaneous (continued)</b>		
<b>L. Compliance Assurance Monitoring</b>		
◆	1. The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. <i>If the response to Question XI.L.1 is "NO," go to Section XI.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. <i>If the response to Question XI.L.2 is "NO," go to Section XI.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application. <i>If the responses to Questions XI.L.3 and XI.L.4 are both "NO," go to Section XI.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
	5. The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	6. Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below.	
◆	7. At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). <i>If the response to Question XI.L.8 is "YES," go to Section XI.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 84</b>		
<b>XI. Miscellaneous (continued)</b>		
<b>L. Compliance Assurance Monitoring (continued)</b>		
◆	9. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	11. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	12. The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>M. Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times</b>		
◆	1. The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004. <i>If the response to Question XI.M.1 is "NO," or "N/A," go to Section XII.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>XII. New Source Review (NSR) Authorizations</b>		
<b>A. Waste Permits with Air Addendum</b>		
◆	1. The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. <i>If the response to XII.A.1 is "YES," include the waste permit numbers and issuance date in Section XII.J.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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<b>Form OP-REQ1: Page 85</b>		
<b>XII. New Source Review (NSR) Authorizations (continued)</b>		
<b>B. Air Quality Standard Permits</b>		
◆	1. The application area includes at least one Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.1 is "NO," go to Section XII.C. If the response to XII.B.1 is "YES," be sure to include the standard permit's registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes at least one "Installation and/or Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization under 30 TAC § 116.620.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	8. The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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<b>XII. New Source Review (NSR) Authorizations (continued)</b>	
<b>B. Air Quality Standard Permits (continued)</b>	
◆ 11. The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 12. The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.12 is "NO," go to Question XII.B.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 13. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 14. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 15. The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 16. The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>C. Flexible Permits</b>	
1. The application area includes at least one Flexible Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>D. Multiple Plant Permits</b>	
1. The application area includes at least one Multi-Plant Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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<b>XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)</b>			
<b>E. PSD Permits and PSD Major Pollutants</b>			
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
<i>If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: <a href="http://www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html">www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html</a>.</i>			
<b>F. Nonattainment (NA) Permits and NA Major Pollutants</b>			
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
<i>If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: <a href="http://www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html">www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html</a>.</i>			
<b>G. NSR Authorizations with FCAA § 112(g) Requirements</b>			
NSR Permit No.: 18514	Issuance Date: 04/01/2024	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
<b>◆ H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area</b>			
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:

**Texas Commission on Environmental Quality**  
**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1**  
**Federal Operating Permit Program**

Date:	09/09/2024
Permit No.:	O-01631
RN No.:	100222488

*For SOP applications, answer ALL questions unless otherwise directed.*

◆ *For GOP applications, answer ONLY these question unless otherwise directed.*

<b>Form OP-REQ1: Page 88</b>	
<b>XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)</b>	
◆ <b>I. Permits by Rule (30 TAC Chapter 106) for the Application Area</b>	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 120317 (106.454)	Version No./Date: 11-1-2001
PBR No.: 106.432	Version No./Date: 9-4-2000
PBR No.: 106.433	Version No./Date: 9-4-2000
PBR No.: 106.375	Version No./Date: 9-4-2000
PBR No.: 106.261	Version No./Date: 11-1-2006
PBR No.: 106.262	Version No./Date: 11-1-2003
PBR No.: 106.265	Version No./Date: 9-4-2000
PBR No.: 106.263	Version No./Date: 11-1-2001
PBR No.: 106.227	Version No./Date: 9-4-2000
PBR No.: 106.451	Version No./Date: 9-4-2000
PBR No.: 106.452	Version No./Date: 9-4-2000
PBR No.: 106.454	Version No./Date: 11-1-2001
PBR No.: 106.432	Version No./Date: 9-4-2000
PBR No.: 106.371	Version No./Date: 9-4-2000
PBR No.: 106.373	Version No./Date: 9-4-2000
PBR No.: 106.511	Version No./Date: 9-4-2000
◆ <b>J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum</b>	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

*A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.*

PBR No.: 120317 (106.454)	Version No./Date: 11-1-2001
PBR No.: 106.432	Version No./Date: 9-4-2000
PBR No.: 106.433	Version No./Date: 9-4-2000
PBR No.: 106.375	Version No./Date: 9-4-2000
PBR No.: 106.261	Version No./Date: 11-1-2006
PBR No.: 106.262	Version No./Date: 11-1-2003
PBR No.: 106.265	Version No./Date: 9-4-2000
PBR No.: 106.263	Version No./Date: 11-1-2001
PBR No.: 106.227	Version No./Date: 9-4-2000
PBR No.: 106.451	Version No./Date: 9-4-2000
PBR No.: 106.452	Version No./Date: 9-4-2000
PBR No.: 106.454	Version No./Date: 11-1-2001
PBR No.: 106.432	Version No./Date: 9-4-2000
PBR No.: 106.371	Version No./Date: 9-4-2000
PBR No.: 106.373	Version No./Date: 9-4-2000
PBR No.: 106.511	Version No./Date: 9-4-2000
PBR No.: 106.532	Version No./Date: 9-4-2000
PBR No.: 106.472	Version No./Date: 9-4-2000
PBR No.: 106.473	Version No./Date: 9-4-2000
PBR No.: 106.412	Version No./Date: 9-4-2000
PBR No.: 106.183	Version No./Date: 9-4-2000
PBR No.: 106.392	Version No./Date: 9-4-2000

**Texas Commission on Environmental Quality**  
**Form OP-ACPS-Instructions**  
**Application Compliance Plan and Schedule**

**General:**

Title 30 Texas Administrative Code § 122.132(d)(4) [30 TAC § 122.132(d)(4)] requires that each permit application contain a Compliance Plan, a Compliance Certification, and, if necessary, a Compliance Schedule. Title 30 TAC § 122.132(d)(8) requires that a Responsible Official certify all submitted application information.

The Compliance Plan [§ 122.132(d)(4)(A)] must contain a specific statement regarding continued compliance with current requirements, and compliance with requirements that may become effective.

- The Compliance Certification [§ 122.132(d)(4)(B)] must contain an indication of the compliance status with respect to all applicable requirements, based on the compliance method specified in the applicable requirements and any other credible evidence or information.
- If required, the Compliance Schedule [§ 122.132(d)(4)(C)] must identify each emission unit and applicable requirement for which non-compliance is ongoing at the time of application. It must also contain the method for assessing compliance status, a description of how the emission units(s) will come into compliance, a compliance schedule with milestones describing steps to be taken to achieve compliance, and a schedule for submission of progress reports.

Form OP-ACPS allows the applicant to fulfill all documentation requirements related to application compliance plans, certifications, and schedules. **This form must be submitted with all initial FOP applications and renewal applications.**

A “Non-compliance Situation” is a situation in which, based on information available to the applicant and belief formed after reasonable inquiry, it *appears* that there is a unit not in compliance with a unit-specific applicable requirement, or that the application area (or site) is not in compliance with an area-wide requirement.

- If the non-compliance situation is on-going at the time of FOP application, it is required to be addressed in Part 2 of this form.
- If the non-compliance situation occurred previously, and has been remedied by the time of FOP application, then it is not required to be addressed on this form.
- Multiple instances of non-compliance for the same emission unit, applicable requirement, and pollutant, such as those documented by continuous emissions monitoring, may be considered part of the same non-compliance situation if the instances are related and have the same underlying cause.

Note that area-wide requirements are those which apply to the entire area addressed by the permit, as opposed to those that apply only to a specific unit or units. These requirements are generally addressed on Form OP-REQ1, Application Area-wide Applicability Determinations, and General Information. If there is only one permit for the site, the application area is the same as the site. (See “Application Area” on Form OP-1.)

The Company Name and Area Name (from Form OP-1, Section I and X, respectively) must appear in the header block of each page for purposes of identification. The date of submittal must also be included, and should be consistent throughout the application (*MM/DD/YYYY*). Any subsequent submittals must show the date of revision. Also, enter the Regulated Entity Reference Number (RNXXXXXXXXXX) and Permit Number (OXXXX).

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**Specific:****Part 1:**

Part 1 must be submitted with all initial FOP applications and renewal applications.

**A. Compliance Plan - Future Activity Committal Statement**

This section commits the applicant to a statement of future compliance with existing requirements and with those that will become effective in the future. This section does not require a response.

**B. Compliance Certification - Statement for Units in Compliance**

1. **Compliance Status:** This paragraph provides a comprehensive means for the applicant to state the compliance status for each emission unit and applicable requirement identified in the application. The assessment of compliance should be based, at minimum, on the appropriate monitoring, testing, recordkeeping, or reporting requirements of the respective regulations, and should be made at the time of application.
  - If each emission unit and applicable requirement identified in the application (other than those listed in Part 2 of this form) is in compliance, check the "Yes" box.
  - If there are one or more applicable requirements for which an emission unit is not in compliance, and which is not listed in Part 2 of this form, check the "No" box.
2. **Compliance Schedule Content**
  - If one or more non-compliance situations (applicable requirements for which an emission unit is not in compliance) are listed in Part 2 of this form, check the "Yes" box.
  - If no emission units were required to be listed in Part 2 of this form, check the "No" box.
3. **Compliance Schedule Attachments (For Reference Only)**
  - If the response to Item B.2 is "Yes," enter the total number of Part 2 attachments included in this submittal.
  - If the response to Item B.2 is "No," enter "0" (zero).

*Note: If there are any non-compliance situations at a facility applying for a General Operating Permit (GOP), then the facility does not qualify for a GOP and must submit a Site Operating Permit (SOP) application.*

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**Part 2:**

A separate Part 2 form must be submitted for each non-compliance situation ongoing at the time of FOP application.

- If a non-compliance situation involves two or more distinct pollutants (e.g., SO<sub>2</sub>, PM, NO<sub>x</sub>, etc.), then a separate Part 2 form should be submitted for each pollutant, because each pollutant will have its own emission limitation or standard.
- If a non-compliance situation involves two or more emission units, and the non-compliance situation documentation on this form is *identical* for each unit, then multiple units may be listed in Section A.1.
- If there are no non-compliance situations ongoing at the time of application, do not submit Part 2.

## A. Compliance Schedule

## 1. Specific Non-Compliance Situation

**Unit/Group/Process ID No.:**

- For non-compliance situations involving a unit-specific requirements, enter the Unit/Group/Process ID Number of the unit, group, or process (maximum 10 characters) exactly as listed on Form OP-SUM (Individual Unit Summary) or Form OP-SUMR (Individual Unit Summary for Revisions). **All units/groups/processes appearing on this form must first be identified on Form OP-SUM/SUMR.**
- For non-compliance situations involving area-wide requirements, enter "Sitewide."

**SOP Index No.:** Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group, or process (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). If the unit/group/process appeared on a unit attribute form, the SOP Index Number must be the same as the one associated with the operating scenario for which the non-compliance situation is occurring. For additional information relating to SOP index numbers, please refer to the TCEQ guidance document entitled "Completing FOP Applications - Additional Guidance"

[www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

**Pollutant:** Select one of the following options for the pollutant that is the subject of the applicable requirement. Enter the appropriate code on the form.

- For criteria pollutants:

<u>Code</u>	<u>Description</u>
CO	Carbon monoxide
NO <sub>x</sub>	Nitrogen oxides (NO <sub>x</sub> )
VOC	Volatile organic compounds
SO <sub>2</sub>	Sulfur dioxide
PB	Lead
PM <sub>10</sub>	Particulate matter less than 10 microns
PM	Particulate matter*
OPACITY	Opacity of particulate matter

*\*Use this pollutant code for any regulatory requirement under any Title 40 Code of Federal Regulations Part 60 [40 CFR Part 60] subpart or Title 30 Texas Administrative Code Chapter 111 [30 TAC Chapter 111], where the standard, as designated by the TCEQ Requirements Reference Tables (RRT) and flowchart, is for particulate matter.*

- For Hazardous Air Pollutants (HAPs): Provide the full name of the pollutant using standard abbreviations if necessary for length. Please avoid using trade names, if possible. (Maximum 25 characters) If multiple hazardous air pollutants are referred to in a general sense within a regulation, the code, "HAPS" may be used instead of the full name of each particular pollutant.

**Applicable Requirement**

**Citation:** Enter the citation of the applicable requirement associated with the non-compliance situation. Some examples of citation format are shown in the table below. (This table is not intended to be an exhaustive list.)



Applicable Regulatory Requirement Citation Format	
Regulation	Citation Input Format
30 TAC Chapters 111, 112, 113, 115, and 117	§ 111.XXX(x)(yy)(zz)
	§ 112.XXX(x)(yy)(zz)
	§ 113.XXX(x)(yy)(zz)
	§ 115.XXX(x)(yy)(zz)
	§ 117.XXX(x)(yy)(zz)
Subpart of 40 CFR Part 60, New Source Performance Standards (NSPS)	§ 60.XXXX(x)(yy)(zz)
Subpart of 40 CFR Part 61 National Emission Standards for Hazardous Air Pollutants (NESHAP)	§ 61.XX(x)(yy)(zz)
Subpart of 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants for Source Categories (a.k.a. Maximum Achievable Control Technology [MACT])	§ 63.XXX(x)(yy)(zz)
Title I Prevention of Significant Deterioration (PSD) Permit <sup>†</sup>	PSD-TX-XXXXXXMXX
Merged PSD/State Permit <sup>†</sup>	PSD-TX-XXXXXXMXX/NNNNN
Title I Nonattainment Permit Provisions <sup>†</sup>	NNNNN

<sup>†</sup> *Title I PSD Permit refers to PSD permits issued before Texas received delegation of the PSD Program. The merged PSD/state permit refers to applicable requirements from permits at sites with PSD permits issued or modified after Texas received delegation of the PSD Program. Title I nonattainment permit refers to applicable requirements from permits at sites that have undergone nonattainment review.*

**Text Description:** Provide a brief summary of the applicable requirement associated with the non-compliance situation. Some examples are given in the table below.

Example Applicable Requirement Text Descriptions	
Applicable Requirement Citation	Example Text Description
30 TAC § 115.211(1)	VOC emissions from the vapor control system vent at a gasoline terminal in a covered attainment county is 0.17 lb per 1000 gallons loaded.
40 CFR § 60.42Da(b)	NSPS Da 6-minute opacity limit is less than or equal to 20%
40 CFR § 60.113b(b)(4)	NSPS Kb requires seal repairs, tank emptied w/in 45 days of seal gap excess
PSD-TX-123M3/99999	Special Provision 2.A limit for SO <sub>2</sub> of 1.2 lb/MMBtu

## 2. Compliance Status Assessment Method and Records Location

### Compliance Status Assessment Method

**Citation:** Provide the regulatory citation of the method used to assess compliance. (Refer to "Applicable Requirement Citation," above, for Citation Input Formats)



**Description:** Provide a brief summary of the method used to assess compliance. Some examples are given in the table below.

Example Compliance Status Assessment Method Text Descriptions	
Compliance Status Assessment Method Citation	Example Text Description
30 TAC § 111.111(a)(1)(F)(ii)	Test Method 9 (40 CFR 60, Appendix A)
40 CFR § 60.334(a)	Continuous monitoring of steam-to-fuel ratio
40 CFR § 60.113b(b)(1)-(3)	Seal gap measurements
PSD-TX-1234M2	Stack test required under Special Provision 6

**Location of Records/Documentation:** Provide the location where details of any non-compliance situation are documented. Typically, this will refer to records maintained by the applicant, or specific reports submitted on to the TCEQ a specific date.

*Examples:*

“CEMS records for 2/8/2006 in first quarter NSPS report”  
 “8/11/2005 - 8/18/2005 strip chart readings kept on site”  
 “Tank Battery 7/1/2005 measurement records kept on site”  
 “Fuel analysis dated 4/4/2006, Environmental Manager's Office, Houston”

3. **Non-Compliance Situation Description:** Provide a *brief* description of the non-compliance situation, including cause(s).

*Examples:*

“Exceeded visible emission limit due to baghouse failure”  
 “Exceeded SO<sub>2</sub> limit due to inadvertent use of higher sulfur fuel in boiler”  
 “Quarterly monitoring of valves by contractor was not completed by deadline”  
 “Failed to have proper controls on storage tank”

4. **Corrective Action Plan Description:** Provide a *brief* overview description of the corrective action plan being undertaken to alleviate the non-compliance situation.

*Examples:*

“Replace bags in fabric filter”  
 “Repair flue gas desulfurization device”  
 “Contract for new fugitive monitoring to monitor all missed valves and components”  
 “Change tank controls to internal floating roof”

*Note: If an enforcement-related compliance plan is already in place, reference it here by date of issuance of the applicable notice of violation or Agreed Order. Include Agreed Order No., if known.*

5. **List of Activities/Milestones to Implement Corrective Action Plan:** Provide *specific and complete* list of steps involved in the corrective action plan to achieve compliance. *Completion dates must be included for each step/milestone.* If exact steps have not been determined, specify alternatives. Please do not exceed five steps or milestones. Consolidate steps, if necessary.

6. **Previously Submitted Compliance Plan:** If the non-compliance situation has undergone any type of TCEQ enforcement action, provide the following information:

**Type of Action:**

- Enter "NOV" if a Notice of Violation has been issued.
- Enter "Order" if an enforcement order has been issued.
- Otherwise, enter "N/A."

**Date Submitted:** Provide the date of issuance of the NOV or enforcement order, if any. If none, enter "N/A."

7. **Progress Report Submission Schedule:** 40 CFR Part 70 requires that, beginning after the FOP is issued, progress reports on each non-compliance situation must be submitted no less frequently than every six months until the corrective actions are complete or compliance is achieved. The TCEQ reserves the right to require progress reports at more frequent intervals.

**Texas Commission on Environmental Quality**  
**Form OP-ACPS**  
**Application Compliance Plan and Schedule**

<b>Date:</b> 09/09/2024	<b>Regulated Entity No.:</b> 100222488	<b>Permit No.:</b> O-01631
<b>Company Name:</b> Bell Textron Inc.		<b>Area Name:</b> Bell Plant 1

- Part 1 of this form must be submitted with all initial FOP applications and renewal applications.
- The Responsible Official must use Form OP-CRO1 (Certification by Responsible Official) to certify information contained in this form in accordance with 30 TAC § 122.132(d)(8).

**Part 1**

<b>A. Compliance Plan — Future Activity Committal Statement</b>	
<p>The <i>Responsible Official</i> commits, utilizing reasonable effort, to the following:  As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.</p>	
<b>B. Compliance Certification - Statement for Units in Compliance*</b> (Indicate response by entering an "X" in the appropriate column)	
1. With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. <i>(For reference only)</i>	0
<p>* For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status. For General Operating Permits (GOPs), the application documentation, particularly Form OP-REQ1 should be consulted as well as the requirements contained in the appropriate General Permits portion of 30 TAC Chapter 122.</p> <p>Compliance should be assessed based, at a minimum, on the required monitoring, testing, record keeping, and/or reporting requirements, as appropriate, associated with the applicable requirement in question.</p>	

**Texas Commission on Environmental Quality**  
**Form OP-ACPS**  
**Application Compliance Plan and Schedule**

<b>Date:</b> 09/09/2024	<b>Regulated Entity No.:</b> 100222488	<b>Permit No.:</b> O-01631
<b>Company Name:</b> Bell Textron Inc.		<b>Area Name:</b> Bell Plant 1

**Part 2**

**A. Compliance Schedule**

If there are non-compliance situations ongoing at time of application, then complete a separate OP-ACPS Part 2 for each separate non-compliance situation. *(See form instruction for details.)* If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.

**1. Specific Non-Compliance Situation**

Unit/Group/Process ID No.(s):

SOP Index No.:

Pollutant:

**Applicable Requirement**

Citation	Text Description

**2. Compliance Status Assessment Method and Records Location**

Citation	Text Description	Location of Records/Documentation

**3. Non-compliance Situation Description**

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**4. Corrective Action Plan Description**

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**5. List of Activities/Milestones to Implement the Corrective Action Plan**


**Texas Commission on Environmental Quality  
Form OP-ACPS  
Application Compliance Plan and Schedule**

<b>Date:</b> 09/09/2024	<b>Regulated Entity No.:</b> 100222488	<b>Permit No.:</b> O-01631
<b>Company Name:</b> Bell Textron Inc.		<b>Area Name:</b> Bell Plant 1

**Part 2 (continued)**

<b>6. Previously Submitted Compliance Plan(s)</b>	
<b>Type of Action</b>	<b>Date Submitted</b>
<b>7. Progress Report Submission Schedule</b>	

**Reset Form**

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2 Instructions  
Texas Commission on Environmental Quality**

*Please note that a Change of Name/Ownership should be submitted on TCEQ Form Number 20405 to ensure that all affected federal operating permits and new source review pre-construction authorizations are updated with the Air Permits Division. If there is no other change to the FOP or any underlying requirements of the FOP, then Form OP-2 is not required. Form Number 20405 is located on the TCEQ website at [www.tceq.texas.gov/assets/public/permitting/air/Forms/20405.pdf](http://www.tceq.texas.gov/assets/public/permitting/air/Forms/20405.pdf).*

**General:**

Owners or operators of a site having a federal operating permit (FOP), in accordance with Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), must complete and submit an FOP revision application for those activities at a site which change, add, or remove one or more permit terms or conditions (or changes any underlying requirements in the FOP).

In addition, these owners or operators must complete and submit an application for renewal of a Site Operating Permit (SOP) or authorization to operate (ATO) under a General Operating Permit (GOP) at least 6 months, but no earlier than 18 months, before the date of expiration of the SOP or ATO under a GOP. Permit holders applying for renewal may include revisions during the application processing.

The FOP revision/renewal application must be submitted to the Texas Commission on Environmental Quality (TCEQ), Office of Air, Air Permits Division (APD), and a copy must be submitted to the appropriate TCEQ regional office. The TCEQ requires that a Core Data Form be submitted on all incoming applications unless a Regulated Entity and Customer Reference Number have been issued by the TCEQ and no core data information has changed. For more information regarding the Core Data Form, call (512) 239-5175 or visit the TCEQ website at [www.tceq.texas.gov/permitting/central\\_registry/index.html](http://www.tceq.texas.gov/permitting/central_registry/index.html).

Title 30 Texas Administrative Code § 122.132(c) [30 TAC § 122.132(c)] (relating to “Application and Required Information for Initial Permit Issuance, Reopening, Renewal, or General Operating Permits”) and 30 TAC § 122.134(c) (relating to “Complete Application”) authorize an applicant to submit an abbreviated initial application. Abbreviated revision and renewal applications are not authorized under 30 TAC Chapter 122 and will not be accepted as complete and/or timely applications.

**For submissions to EPA:**

EPA Region 6 office has requested that all applications, including any updates, submitted to EPA be provided in electronic format via email to [R6AirPermitsTX@epa.gov](mailto:R6AirPermitsTX@epa.gov). Microsoft Word for text, Excel for spreadsheets, and a searchable Adobe Acrobat (pdf) file are the preferred formats. Do not submit any compressed or zip files, or files with a “.exe” extension. Do not submit any individual files larger than 10 megabytes via email, and the total size of all attachments cannot exceed 25 megabytes per email. EPA will accept larger files via FTP transfer. Send an email to [wilson.aimee@epa.gov](mailto:wilson.aimee@epa.gov) to request an FTP link for submittals. Submit confidential information as a separate file and clearly label it with “confidential” or “CBI” in the filename. Identify the associated permit number when submitting information. No hard copies of the information contained in the application should be submitted to EPA.

Please contact Ms. Aimee Wilson ([wilson.aimee@epa.gov](mailto:wilson.aimee@epa.gov)) at (214) 665-7596 if you have any questions pertaining to electronic submittals.

**Permit Revision Types:**

The three permit revision types for an SOP are as follows: administrative revision, minor revision, and significant revision. The type of permit revision that is required will depend on the type of change at the site or to the SOP. Additional information on SOP revisions and application requirements can be found in the SOP Revision Application Guidance, which is located on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_site\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_site_guidance.html).

For administrative revisions, 30 TAC § 122.213(a)(1) requires the permit holder to record and maintain the information required in 30 TAC § 122.212 with the permit before the change is operated.

For minor revisions due to changes at a site, 30 TAC § 122.217(a)(2) requires the permit holder to submit an application containing the information required in 30 TAC § 122.216 before the change is operated. This information must also be maintained with the permit.

For significant revisions, 30 TAC § 122.221(a)(2) requires the permit holder to submit the information in 30 TAC § 122.220 and obtain a revised permit before the change is operated.

For revisions to an ATO under a GOP due to changes at a site, 30 TAC § 122.503(c)(2) requires the permit holder to submit an application that contains information required in 30 TAC § 122.503(b) before the change is operated. This information must also be maintained with the permit. When a GOP is revised or repealed, the applicant must record and maintain the information required in 30 TAC §§ 122.504(a)(1)(A)-(E) before the compliance date of the new requirement or the effective date of the repealed requirement. This application must be submitted no later than 90 days after the compliance date of the new requirement or the effective date of the repealed requirement.

Further information regarding GOP application requirements can be found in the GOP Revision Application Guidance, which is located on the TCEQ website at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_gop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_gop_guidance.html).

### Form Page Header:

Enter the following information in the header of each page: Date (MM/DD/YYYY) of application submission, Permit Number, Regulated Entity Number, and Company Name.

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## Table 1

### Specific:

#### I. Application Type:

Indicate the type of application by checking the appropriate box. Please choose only one.

##### Renewal:

The application is for a renewal of an SOP or ATO under a GOP. The permit holder may include any revisions on this form to be processed under the renewal application. For renewals, the application type will be handled as a renewal regardless of the type of revisions that are included. If a Streamlined Revision (as explained below) is included in the renewal, all applicable provisional terms, and conditions must be included in the application. If a Significant Revision is included with the renewal, the information in Table 3, Section I of this form must be completed.

##### Significant Revision:

The application contains significant permit revisions as defined in 30 TAC § 122.219. Applicants must revise the permit before operating.

##### Administrative Revision:

The application contains administrative permit revisions as defined in 30 TAC § 122.211.

##### Streamlined Revision:

The application contains either **minor permit revisions** as defined in 30 TAC § 122.215 or **revisions to an ATO under a GOP** as defined in 30 TAC § 122.503 or § 122.504, and in which the applicant intends to begin operation prior to updating the permit.

For Streamlined Revision applications, the permit holder must establish and submit provisional terms and conditions as defined in 30 TAC § 122.10. The provisional terms and conditions must include complete identification of all applicable requirements resulting from the change(s) at the site, or any other action, that trigger the requirement for a permit revision (i.e. require the permit holder to apply for a revision of the SOP or revision of the ATO under a GOP). Provisional terms and conditions must also include, where applicable, specific

regulatory citations identifying any requirements that no longer apply. Provisional terms and conditions cannot be established and submitted for any change(s) that trigger a significant revision of the SOP.

When an applicant identifies and submits provisional terms and conditions as part of a permit revision application, or an FOP renewal application that includes revisions to the applicable requirements, these terms and conditions become applicable requirements for the permit area/site. This means that provisional terms and conditions established in this manner are considered as applicable requirements for the permit area/site, after the permit revision or permit renewal application is submitted by the permit holder. The permit holder shall comply with these provisional terms and conditions and meet the requirements of 30 TAC Chapter 122, including deviation and compliance reporting, after the permit revision or permit renewal application is submitted. Note that the choice to establish provisional terms and conditions applies to all requested changes within a Streamlined Revision application.

SOP holders must establish provisional terms and conditions (detailed regulatory citations) and submit this information on Table 2 (of this form) or Form OP-REQ3.

GOP holders must establish provisional terms and conditions (detailed regulatory citations) and submit this information on Table 2 (of this form) or Form OP-REQ3. As an alternative, if the provisional terms and conditions are specified in an applicable GOP Index Number, the appropriate Unit Attribute form may be completed and submitted.

If the applicant does not elect to establish provisional terms and conditions in their application, then the change cannot be operated until the FOP is revised or renewed to codify the applicable requirements into the FOP.

**Revision Requesting Prior Approval:**

The application contains either minor permit revisions as defined in 30 TAC § 122.215 or revisions to an ATO under a GOP as defined in 30 TAC § 122.503 and in which the applicant elects to update the permit prior to operating the change.

**Response to Reopening:**

The application contains changes needed to the permit as a result of a reopening notice by the TCEQ. (These changes will be processed under the reopening procedures outlined in 30 TAC Chapter 122, Subchapter C, Division 3.)

**II. Qualification Statement**

*Note: These questions refer to the permit being revised.*

**For SOP Revisions Only:**

Check the “YES” box if the referenced changes qualify for the marked revision type. Otherwise, check the “NO” box.

**For GOP Revisions Only:**

Check the “YES” box if the referenced changes do not affect the site’s authorization to operate under a GOP. Otherwise, check the “NO” box.

**III. Major Source Pollutants:**

*(Complete this section if the permit revision is due to a change at the site or change in regulations.)*

Indicate all pollutants for which the site is a major source based on the site’s potential to emit after the change is operated:

Enter “YES” below all the pollutants for which the site is classified as a major source, as defined in 30 TAC § 122.10, based on the site’s potential to emit. Enter “NO” below all the pollutants for which the site is not a major source. Do not leave any spaces blank.



The column “Other” is provided for a listing of non-criteria regulated air pollutants for which a site is a major source. (Example: chlorinated compounds, inorganic acids). List the pollutant name in the space provided (maximum 20 characters). If there are none, leave this space blank.

Further information regarding the potential to emit can be found in the Potential to Emit Guidance, which is located on the TCEQ website at [tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

#### IV. **Reference Only Requirements:** *(For reference only.)*

##### **Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)?**

Check the “YES” box if the applicant has paid all emissions fees due during the most recent agency fiscal year (September 1 through August 31). Otherwise, check the “NO” box. If the applicant is not required to pay emissions fees, check the “N/A” box.

*Note: If the answer to IV Fee Information is “NO,” the applicant is required to contact the Industrial Emissions Assessment Section at (512) 239-1459. For further information regarding inspection fees and emission fees, please refer to 30 TAC § 101.24 and § 101.27.*

#### V. **Delinquent Fees and Penalties**

Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ is paid in accordance with the “Delinquent Fee and Penalty Protocol.” For more information regarding Delinquent Fees and Penalties, go to the TCEQ website at [www.tceq.texas.gov/agency/financial/fees/delin](http://www.tceq.texas.gov/agency/financial/fees/delin).

### **Table 2**

#### I. **Description of Revision**

##### **Revision Number:**

The revision number uniquely identifies each revision item within the application and may not be reused within the same revision application. Each revision item will be identified by a revision number, which should be assigned sequentially (i.e., “1”, “2”, “3”). The same revision number will be used on Forms OP REQ2 (Negative Applicable Requirement Determinations) and OP-REQ3 (Applicable Requirements Summary) to identify related changes resulting from the corresponding revision item. Enter a unique number for each revision.

##### **Revision Code:**

The revision code determines how each revision will be processed by the APD. Select one of the following options for revision code. Enter the code on the form. For **renewal applications**, select all codes that apply.

##### **Significant Revision (SOPs only):**

<b>Code</b>	<b>Description</b>
SIG-A	A significant change to existing monitoring, recordkeeping, reporting, or testing terms or conditions.
SIG-B	Change requiring a case-by-case determination of an emission limit or other standard, or source specific determination for temporary sources of ambient impacts, or a visibility or increment analysis.
SIG-C	Affects or adds a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject.
SIG-D	Is a modification under provisions of FCAA, Title 1.
SIG-E	Any other change that does not qualify for an administrative or minor revision.

##### **Administrative Revision (SOPs only):**

<b>Code</b>	<b>Description</b>
ADMIN-A	Corrects typographical errors.
ADMIN-B	Identifies a change in the name, address, or phone number of any person identified in the permit or provides a similar administrative change at the site.

ADMIN-C	Increases the frequency of monitoring or reporting requirements without changing any existing emission limitations or standards.
ADMIN-D	Changes the permit identification of ownership or operational control of a site where the TCEQ Executive Director determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the old and new permit holder is maintained with the permit. <i>For Change of Name/Ownership revision only (no other change to the SOP or any underlying requirements), submit TCEQ Form Number 20405; Form OP-2 is not required. Form Number 20405 is located on the TCEQ website at <a href="http://www.tceq.texas.gov/assets/public/permitting/air/Forms/20405.pdf">www.tceq.texas.gov/assets/public/permitting/air/Forms/20405.pdf</a>.</i>
ADMIN-E	Affects or adds a state-only requirement.
ADMIN-F	Changes the location of an off-site permit location.
ADMIN-G	Changes that have been approved by EPA to be administrative revisions. <i>Further information may be found in the SOP Revision Application Guidance, which is located on the TCEQ website at <a href="http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html">www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html</a>.</i>

**Minor Revision (for SOP Streamlined Revision and Revision Requesting Prior Approval):**

Code	Description
MS-A	Adds or modifies a minor New Source Review (NSR) pre-construction authorization.
MS-B	Adding or deleting a Compliance Assurance Monitoring or Periodic Monitoring option number to a unit in an SOP.
MS-C	All other changes qualify for a minor revision.

**Revision to an ATO under a GOP due to changes at a site (for Streamlined Revision and Revision Requesting Prior Approval):**

Code	Description
GS-A	A change, addition, or removal of any applicability determinations or the basis of any determinations in the original GOP application.
GS-B	A correction of typographical errors.
GS-C	A change in the permit identification of ownership or operational control of a site where the TCEQ Executive Director determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the old and new permit holder is maintained with the permit. <i>For Change of Name/Ownership revision only (no other change to the ATO under a GOP or any underlying requirements), submit TCEQ Form Number 20405; Form OP-2 is not required. Form Number 20405 is located on the TCEQ website at <a href="http://www.tceq.texas.gov/assets/public/permitting/air/Forms/20405.pdf">www.tceq.texas.gov/assets/public/permitting/air/Forms/20405.pdf</a></i>

**Revision to an ATO under a GOP due to changes in a rule (for Streamlined Revision and Revision Requesting Prior Approval):**

Code	Description
GR-A	A revision when a GOP is revised or repealed.
GR-B	A regulation is revised.
GR-C	Adding or deleting a Compliance Assurance Monitoring or Periodic Monitoring option number to a unit in an ATO under a GOP.

**Revision Due to a Reopening (SOPs only):**

Code	Description
REO	A change, addition, or removal of any applicable requirement resulting from a reopening. Use this code only when revising your permit in response to a permit reopening letter from the TCEQ.

**Unit/Group/Process****New Unit:**

Enter “YES” if this revision is identifying the addition of a new emission unit not previously identified on any other revision application for this permit. Otherwise, enter “NO.”

**ID No.:**

Enter the identification number (ID No.) of the unit, group, or process as listed on Form OP-SUM (Individual Unit Summary) or Form OP-SUMR (Individual Unit Summary for Revisions) (maximum 10 characters).

*Note: Only use group identification numbers when updating existing group information contained on Unit Attribute forms or Form OP REQ3 (Applicable Requirements Summary).*

**Applicable Form:**

Enter the number of the Unit Attribute (UA) form which contains the specific information regarding the corresponding emission unit, emission point, or process (i.e., for flares, enter OP-UA7 entitled “Flares”). A complete list of all available UA forms is located on the TCEQ website at [www.tceq.texas.gov/permitting/air/nav/air\\_all\\_ua\\_forms.html](http://www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html). Enter “OP ACPS,” if the unit ID No. is entered on this form, strictly as a result of completing Form OP-ACPS (Application Compliance Plan and Schedule) and no UA form is submitted (see Form OP-ACPS instructions for additional guidance). Enter the UA form number if the UA form is used in conjunction with Form OP-REQ2 for negative applicability, or if the emission unit, emission point, or process has positive applicability in addition to the negative applicability. Enter “OP-REQ2” if negative applicability is shown through the use of Form OP-REQ2, no UA information is used to support the negative applicability, and the emission unit, emission point, or process has no positive applicability.

**NSR Authorization:**

Identify the NSR authorizations (permit by rule (PBR) registration number, PBR number (if registration was not required), NSR permit number, standard permit registration number, etc.) for changes requiring authorization pursuant to 30 TAC Chapter 106 or Chapter 116. If an NSR authorization was not required for the change, enter N/A.

**Description of Change and Provisional Terms and Conditions:**

Enter a description of the change for which this application is being submitted and list the provisional terms and conditions as applicable. The provisional terms and conditions may be submitted on Form OP-REQ3 instead. For GOP applications, if the provisional terms and conditions are specified in an applicable GOP Index Number, the appropriate Unit Attribute form may be completed and submitted to reference the provisional terms and conditions.

**Table 3**

**I. Significant Revision** *(Complete this section if you are submitting a significant revision application or a **renewal application** that includes a significant revision.)*

**A. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?**

Check the “YES” box if the site is subject to the bilingual notice requirements pursuant to 30 TAC § 122.322. Otherwise, check the “NO” box.

The requirements of 30 TAC § 122.322 are applicable when either the elementary school or the middle school located nearest to the facility, or proposed facility, provides a bilingual education program, as required by Texas Education Code § 29.053, and 19 TAC § 89.1205(a) (relating to Required Bilingual Education and English as a Second Language Programs), or if either school has waived out of such a required bilingual education program under the provisions of 19 TAC § 89.1205(g). Schools not governed by the provisions of 19 TAC § 89.1205 should not be considered when determining the applicability of 30 TAC § 122.322 requirements.

Elementary or middle schools that offer English as a second language under 19 TAC § 89.1205(d) and are otherwise not affected by 19 TAC § 89.1205(a), will not trigger the requirements of 30 TAC § 122.322(a).

If the notices required by 30 TAC § 122.320 and § 122.340 are combined, the combined notice is subject to the requirements of this 30 TAC § 122.322.

**B. Indicate the alternate language(s) in which public notice is required:**

If the answer to the previous question is “YES,” enter the alternate language(s) for which public notice is required in the space provided. Each space should only contain one alternate language. Please use a separate page to indicate the alternate languages if additional space is required. If the answer to the previous question is “NO,” enter “NONE” in the first space provided and leave the others blank.

**C. Will there be a change in air pollutant emissions as a result of the significant revision?**

Public Notice requirements in 30 TAC §122.320(b)(5) require the air pollutants with emission changes to be listed in the notice. Check the “YES” box if there will be a change in air pollutant emissions as a result of the significant revision. If there will not be a change in emissions, check the “NO” box and skip question I.D below.

**D. Indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:**

Enter this information if the answer to I.C is “YES.” Spell out the air pollutant names; for example, nitrogen oxides, volatile organic compounds, lead, and benzene. This information will be used to determine the pollutant names to be included in the public notice.

Enter a descriptive phrase to reflect an addition, increase, decrease, or deletion of an air pollutant emission change as a result of the significant revision.

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 1  
Texas Commission on Environmental Quality**

Date: 09/09/2024
Permit No.: O-01631
Regulated Entity No.: 100222488
Company Name: Bell Textron Inc.
For Submissions to EPA
Has an electronic copy of this application been submitted (or is being submitted) to EPA? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>I. Application Type</b>
Indicate the type of application:
<input checked="" type="checkbox"/> Renewal
<input type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)
<input type="checkbox"/> Significant Revision
<input type="checkbox"/> Revision Requesting Prior Approval
<input type="checkbox"/> Administrative Revision
<input type="checkbox"/> Response to Reopening
<b>II. Qualification Statement</b>
For SOP Revisions Only <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
For GOP Revisions Only <input type="checkbox"/> YES <input type="checkbox"/> NO

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 1 (continued)  
Texas Commission on Environmental Quality**

<b>III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)</b>					
Indicate all pollutants for which the site is a major source based on the site's potential to emit: (Check the appropriate box(es).)					
<input checked="" type="checkbox"/> VOC	<input type="checkbox"/> NO <sub>x</sub>	<input type="checkbox"/> SO <sub>2</sub>	<input type="checkbox"/> PM <sub>10</sub>	<input type="checkbox"/> CO	<input type="checkbox"/> Pb <input type="checkbox"/> HAP
Other: _____					
<b>IV. Reference Only Requirements (For reference only)</b>					
Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)?					
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A					
<b>V. Delinquent Fees and Penalties</b>					
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.					

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 2  
Texas Commission on Environmental Quality**

Date:	09/25/2024
Permit No.:	O-01631
Regulated Entity No.:	100222488
Company Name:	Bell Textron Inc.

Using the table below, provide a description of the revision.

Revision No.	Revision Code	Unit/Group		Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.			
N/A			N/A	N/A	N/A	No Additions or changes added during this Renewal

Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 3  
Texas Commission on Environmental Quality

Date:	09/09/2024		
Permit No.:	O-01631		
Regulated Entity No.:	100222488		
Company Name:	Bell Textron Inc.		
<b>I. Significant Revision</b>	<i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i>		
A.	Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
B.	Indicate the alternate language(s) in which public notice is required: Spanish		
C.	Will, there be a change in air pollutant emissions as a result of the significant revision?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO



**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 3  
Texas Commission on Environmental Quality**

Using the table below, indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:

Pollutant	Description of the Change in Pollutant Emissions

**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 - Instructions  
Texas Commission on Environmental Quality**

Owners or operators of a site required to obtain a federal operating permit (FOP), in accordance with Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), must complete and submit an FOP application to the Texas Commission on Environmental Quality (TCEQ), Office of Air, Air Permits Division (APD), and a copy must be submitted to the appropriate TCEQ regional office, and the United States Environmental Protection Agency (EPA) – Region 6 Office. There are three types of FOPs, and they are as follows: site operating permit (SOP), temporary operating permit (TOP), and general operating permit (GOP). Information on these permit types can be found on the TCEQ website at [www.tceq.texas.gov/permitting/air/titlev/permit\\_types.html](http://www.tceq.texas.gov/permitting/air/titlev/permit_types.html).

**For submissions to EPA:**

EPA Region 6 office has requested that all applications, including any updates, submitted to EPA be provided in electronic format via email to [R6AirPermitsTX@epa.gov](mailto:R6AirPermitsTX@epa.gov). Microsoft Word for text, Excel for spreadsheets, and a searchable Adobe Acrobat (pdf) file are the preferred formats. Do not submit any compressed or zip files, or files with an “exe” extension. Do not submit any individual files larger than 10 megabytes via email, and the total size of all attachments cannot exceed 25 megabytes per email. EPA will accept larger files via FTP transfer. Send an email to [wilson.aimee@epa.gov](mailto:wilson.aimee@epa.gov) to request an FTP link for submittals. Submit confidential information as a separate file and clearly label it with “confidential” or “CBI” in the filename. Identify the associated permit number when submitting information. No hard copies of the information contained in the application should be submitted to EPA.

Please contact Ms. Aimee Wilson ([wilson.aimee@epa.gov](mailto:wilson.aimee@epa.gov)) at (214) 665-7596 if you have any questions pertaining to electronic submittals.

**General:**

The purpose of this form is to provide general information regarding the company, site, and area for which an FOP application is being submitted. **This form is required for all initial and renewal FOP applications.** This form is only required for FOP revision applications if the information on this form has changed. FOP revision and renewal applications must include Form OP-2 (Application for Permit Revision/Renewal), at a minimum.

Note: For a change of company name or ownership only, submit TCEQ Form Number 20405. Form OP-1 is not required.

For initial FOP issuance only, an abbreviated application (at a minimum) must be submitted in accordance with 30 TAC § 122.130. An abbreviated application consists of Form OP-1 (Site Information Summary), Form OP-CRO1 (Certification by Responsible Official), and a TCEQ Core Data Form. In accordance with 30 TAC § 122.130, the executive director will inform the applicant in writing of the deadline for submitting the remaining application information (full application).

Information regarding SOP application requirements can be found on TCEQ's Air Site Operating Permit Guidance webpage located at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_site\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_site_guidance.html). Information regarding GOP application requirements can be found on TCEQ's Air General Operating Permit Guidance webpage located at [www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_gop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_gop_guidance.html).

Submitting a timely and complete application, as defined in 30 TAC §§ 122.133 and 122.134, is critical and allows the applicant to receive the benefit of an application shield, as defined in 30 TAC § 122.138. The application shield serves as authorization to operate the site until final action is taken on the application. **Failure to supply any information requested by the TCEQ, pursuant to the application review, may result in the loss of the application shield.**

The responses to most data elements in Form OP-1 are limited in some way. **Responses not made according to the instructions may result in delays in this or other permitting actions.**

- 1) Some responses have a character limit. (Example: "Company Name," maximum 50 characters.) The responses may consist of characters, digits, or a combination of the two. When appropriate, common abbreviations can be used to fit a response into the space allotted.
- 2) Some responses are limited to "YES" or "NO" and in some cases "N/A" for "not applicable." Applicants must select one of these options. "N/A" is an acceptable response only when it is stated in the instructions for the question.
- 3) Some responses must be in a specific format. (Examples: Dates, MM/DD/YYYY; Latitude/Longitude, DDD:MM:SS.)
- 4) Some responses are limited to a set of mutually exclusive response options, and selections are recorded by placing an "X" in the box next to the appropriate response. (Example: "Permit Type.")

The TCEQ requires that a Core Data Form be submitted with all incoming permit applications unless a Regulated Entity and Customer Reference Number have been issued by the TCEQ and no core data information has changed. For more information regarding the Core Data Form, call (512) 239-5175 or go to the TCEQ website at: [www.tceq.texas.gov/permitting/central\\_registry/guidance.html](http://www.tceq.texas.gov/permitting/central_registry/guidance.html).

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Page 1:

**Specific:**

**I. Company Identifying Information**

- A. **Company Name:**  
Enter the name of the company for which the application is being submitted (maximum 50 characters). The company name should be the name used to incorporate, for which a franchise tax identification number has been issued. If a franchise tax identification number has not been issued, then enter the most identifying name for the company. The company name on this form and the TCEQ Core Data Form should match.
- B. **Customer Reference Number (CN):**  
Enter the customer reference number (CNXXXXXXXXX). This number is issued by the TCEQ as part of the central registry process. If a customer reference number has not yet been issued, leave this space blank. Do not enter permit numbers, project numbers, account numbers, etc., in this space.
- C. **Submittal Date:**  
Enter the date the application is being submitted by the applicant to the TCEQ (MM/DD/YYYY).

**II. Site Information**

- A. **Site Name:**  
Enter the name of the site for which the application is being submitted (maximum 50 characters). The Site Name on this form and the Regulated Entity Name listed in Section III of the TCEQ Core Data Form should match.
- B. **Regulated Entity Reference Number (RN):**  
Enter the regulated entity reference number for the site (RNXXXXXXXXX). This number is issued by the TCEQ as part of the central registry process. If a regulated entity reference number has not yet been issued, leave this space blank. Do not enter permit numbers, project numbers, account numbers, etc., in this space.

C. **Indicate Affected State(s) Required to Review Permit Application:**

As stated in 30 TAC § 122.330(b), an affected state may be Arkansas (AR), Colorado (CO), Kansas (KS), Louisiana (LA), New Mexico (NM), or Oklahoma (OK), if the state's air quality may be affected by the issuance or denial of a federal operating permit, revision, or renewal; or that state is within **50 miles** of the site.

Place an "X" in the space to the left of the affected state(s) that is applicable. Place an "X" to the left of "N/A" if the affected state review is not applicable.

GOP applications do not require affected state review. Therefore, all GOP applicants should place an "X" to the left of "N/A."

D. **Indicate all pollutants for which the site is a major source based on the site's potential to emit:**

Place an "X" in the box to the left of the pollutant for all the pollutants for which the site is classified as a major source, as defined in 30 TAC § 122.10, based on the site's potential to emit. Otherwise, leave the box blank.

The row "Other" is provided for the listing of non-criteria regulated air pollutants for which a site is a major source. (Example: chlorinated compounds, inorganic acids) List the pollutant name in the space provided (maximum 20 characters). If there are none, leave this space blank.

Further information regarding the potential to emit can be found in the Potential to Emit Guidance, which is located on the TCEQ website at

[www.tceq.texas.gov/permitting/air/guidance/titlev/tv\\_fop\\_guidance.html](http://www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html).

E. **Is the Site a Non-Major Source Subject to the Federal Operating Permit Program?**

Place an "X" in the box for "YES" if the site is a non-major source (or area source) subject to the Federal Operating Permit Program. Otherwise, place an "X" in the box for "NO." (Note that if the response to this question is "YES," then the responses to question II.D above should all be "NO.")

F. **Is the Site Within a Local Program Area Jurisdiction?**

Place an "X" in the box for "YES" if the site is located within the jurisdiction of a local air pollution control program. Otherwise, place an "X" in the box for "NO."

A list of local air pollution control programs is located on the TCEQ website at

[www.tceq.texas.gov/permitting/air/local\\_programs.html](http://www.tceq.texas.gov/permitting/air/local_programs.html).

G. **Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63?**

Place an "X" in the box for "YES" if emissions averaging will be used by an affected source at the site to comply with any Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63) requirement, relating to National Emission Standards for Hazardous Air Pollutants for Source Categories that has been promulgated at the time of application submittal. Otherwise, place an "X" in the box for "NO."

Emissions averaging, as defined in 40 CFR § 63.2, is a way to comply with the emission limitations specified in a relevant standard, whereby an affected source, if allowed under a subpart of this part, may create emission credits by reducing emissions from specific points to a level below that required by the relevant standard, and those credits are used to offset emissions from points that are not controlled to the level required by the relevant standard.

H. **Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:** If emissions averaging will be used by an affected source at the site to comply with any 40 CFR Part 63 Subpart, enter the subpart(s) designation (*Example: N, P, CC, KK*) in the space provided. If emissions averaging will not be used, leave this space blank.

**III. Permit Type:****A. Type of Permit Requested:**

Indicate the type of permit for which this application is being submitted by placing an “X” in the space to the left of the selection (SOP, TOP, or GOP). Select only one response.

Information on the different permit types can be found on the TCEQ website at [www.tceq.texas.gov/permitting/air/titlev/permit\\_types.html](http://www.tceq.texas.gov/permitting/air/titlev/permit_types.html).

Page 2:

**IV. Initial Application Information** *(Complete for Initial Issuance Applications only.)***A. Is this submittal an Abbreviated or Full Application?**

Indicate the type of application (“Abbreviated” or “Full”) by placing an “X” in the space to the left of the selection.

Abbreviated applications must be submitted in accordance with 30 TAC § 122.130. An abbreviated application only includes Form OP-1, Form OP-CRO1 (Certification by Responsible Official), and the TCEQ Core Data Form. If the submitted application is not an abbreviated application, select “Full.”

**B. If this is a Full Application, is this submittal a follow-up to an Abbreviated Application?**

Place an “X” in the box for “YES” if this submittal is a full application, which is being submitted in response to a request for follow-up information regarding an abbreviated application that was submitted earlier. If this submittal is a full application (Application Type = “Full”) *and no abbreviated application was submitted earlier*, place an “X” in the box for “NO.” If this submittal is an abbreviated application (Application Type = “Abbreviated”), leave this space blank.

**C. If this is an Abbreviated Application, is this an early submittal for a combined SOP and Acid Rain permit?**

Place an “X” in the box for “YES” if this submittal is an early submittal for a combined SOP and Acid Rain permit. Place an “X” in the box for “NO” if this submittal is not an early submittal for a combined SOP and Acid Rain permit. If this submittal is a full application (Application Type = “Full”), leave this space blank.

**D. Has an electronic copy of this application been submitted (or is being submitted) to EPA at [R6AirPermitsTX@epa.gov](mailto:R6AirPermitsTX@epa.gov)?**

Place an “X” in the box for “YES” if an electronic copy of this application has been submitted (or is being submitted) to EPA. If not, place an “X” “NO.” (See “For submissions to EPA” above for additional information.)

**E. Has the required Public Involvement Plan been included with this application? Place an “X” in the box for “YES” if this submittal contains a Public Involvement Plan. Place an “X” in the box for “NO” if this submittal does not contain a Public Involvement Plan. (For more information see Public Involvement Plan (PIP) Form for Certain NSR and Title V Air Permit Applications on the TCEQ website at [www.tceq.texas.gov/permitting/air/air\\_permits.html](http://www.tceq.texas.gov/permitting/air/air_permits.html).)****V. Confidential Information****A. Is confidential information submitted in conjunction with this application?**

Place an “X” in the box for “YES” if any confidential information is being submitted in conjunction with this application. Otherwise, place an “X” in the box for “NO.” All confidential information must be submitted according to the TCEQ guidance located at [www.tceq.texas.gov/permitting/air/titlev/apps\\_timelines.html#confidential](http://www.tceq.texas.gov/permitting/air/titlev/apps_timelines.html#confidential).

**VI. Responsible Official (RO) Identifying Information**

The RO must be listed in this section even if the duties will be delegated to a Duly Authorized Representative (DAR). The DAR information should be provided on the Form OP-DEL (Delegation of Responsible Official). Additional information on Responsible Official and Certification can be found on the TCEQ website at [www.tceq.texas.gov/permitting/air/titlev/ro\\_and\\_certs.html](http://www.tceq.texas.gov/permitting/air/titlev/ro_and_certs.html).

*Note: For a change of RO and RO information, Form OP-CRO2 (Change of Responsible Official) must be submitted to the TCEQ.*

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name and title of the RO pursuant to 30 TAC § 122.132(e) and 30 TAC § 122.165 (Last Name, First Name, MI; maximum 25 characters).

Enter the name of the company, firm, etc. that employs the RO (maximum 50 characters). The company or firm name should be the name used to incorporate, for which a franchise tax identification number has been issued. If a franchise tax identification number has not been issued, then enter the most identifying name for the company or firm. Enter the mailing address, including city, state, ZIP Code. If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and ZIP Code. Enter an internal mail code, telephone number, fax number, and email address of the RO listed.

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**VII. Technical Contact Identifying Information** *(Complete if different from RO information.)*

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name and title of the technical contact for this application, if different from the RO (Last Name, First Name, MI; maximum 25 characters). Enter the name of the company, firm, etc. that employs the technical contact (maximum 50 characters). The company or firm name should be the name used to incorporate, for which a franchise tax identification number has been issued. If a franchise tax identification number has not been issued, then enter the most identifying name for the company or firm. Enter the mailing address, including city, state, ZIP Code. If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and ZIP Code. Enter an internal mail code, telephone number, fax number, and email address of the technical contact listed.

**VIII. Reference Only Requirements** *(For reference only.)*

*Certification by the RO pursuant to 30 TAC § 122.165 does not extend to information which is designated on forms as "For reference only."*

**A. State Senator:**

Enter the name of the state senator representing the area in which the site is located (maximum 25 characters).

TCEQ will send notification of the receipt of a permit application to the state senator for the area in which the site is located. State senator information may be obtained by contacting the State Senate at (512) 463-0100 or the Legislative Reference Library at (512) 463-1252. Information may also be obtained via the Texas Senate Internet site at [www.legis.state.tx.us/](http://www.legis.state.tx.us/).

**B. State Representative:**

Enter the name of the state representative representing the area in which the site is located (maximum 25 characters).

TCEQ will send notification of the receipt of a permit application to the state representative for the area in which the site is located. State representative information may be obtained by contacting the House of Representatives at (512) 463-4630 or the Legislative Reference Library at (512) 463-1252. Information may also be obtained via the House of Representatives Internet site at [www.legis.state.tx.us/](http://www.legis.state.tx.us/).

**C. Has the applicant paid emissions fees for the most recent agency fiscal year?**

Place an "X" in the box for "YES" if the applicant has paid all emissions fees, or inspection fees, if applicable, due during the most recent agency fiscal year (September 1 - August 31). Otherwise, place an "X" in the box for "NO." If the applicant is not required to pay emissions fees, place an "X" in the box for "N/A."

If the answer to VIII.C. is "NO" or "NA," the applicant is required to contact the Industrial Emissions Assessment Section at (512) 239-1459. For further information regarding inspection fees and emission fees, please refer to 30 TAC §§ 101.24 and 101.27.

**D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?**

Place an "X" in the box for "YES" if the site is subject to the bilingual notice requirements pursuant to 30 TAC § 122.322. Otherwise, place an "X" in the box for "NO."

The requirements of 30 TAC § 122.322 are applicable when either the elementary school or the middle school located nearest to the facility, or proposed facility, provides a bilingual education program, as required by Texas Education Code § 29.053 and 19 TAC § 89.1205(a) (relating to Required Bilingual Education and English as a Second Language Programs), or if either school has waived out of such a required bilingual education program under the provisions of 19 TAC § 89.1205(g). Schools not governed by the provisions of 19 TAC § 89.1205 should not be considered when determining the applicability of 30 TAC § 122.322 requirements.

Elementary or middle schools that offer English as a second language under 19 TAC § 89.1205(d) and are otherwise not affected by 19 TAC § 89.1205(a), will not trigger the requirements of 30 TAC § 122.322(a).

**E. Indicate the alternate language(s) in which public notice is required:**

If the answer to the previous question is "YES," enter the alternate language(s) for which public notice is required in the space provided.

Please use a separate page to indicate the alternate languages if additional space is required. If the answer to the previous question is "NO," enter "NONE."

Examples:

D.	Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
E.	Indicate the alternate language(s) in which public notice is required:	Spanish, Vietnamese, German

D.	Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E.	Indicate the alternate language(s) in which public notice is required:	None

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**IX. Off-Site Permit Request (Optional)**

*Complete this section only if the applicant wishes to maintain the FOP and records at a location other than the site designated in the "Site Information" section of this form.*

**A. Office/Facility Name:**

Enter the name of the office or facility where the FOP and records are to be held (maximum 50 characters).

**B. Physical Address:** Enter the physical address of the office or facility, including city, state, and ZIP Code



(physical address - maximum 50 characters and city - maximum 25 characters). If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and ZIP Code. The physical address cannot be a Post Office Box.

C. **Physical Location:**

If a physical address does not exist, provide a description of the physical location of the office or facility where the permit is to be held (maximum 250 characters). (*Example: Highway 100, 2 miles west of County Road 12.*) Leave Physical Location blank if there is a Physical Address.

D. **Contact Name:**

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name of a contact person at the office or facility where the FOP and records are to be held (maximum 50 characters).

E. **Telephone:**

Enter the contact person's telephone number with the area code.

**X. Application Area Information**

*This section pertains to the application area. If only one application is being submitted (or was submitted) for the entire site, then the following information relates to the site as a whole.*

A. **Area Name:**

Enter the name of the application area (maximum 50 characters). If more than one permit is proposed for the site, the area name should be descriptive enough to provide a clear distinction of the portion of the site covered under this application. (*Examples: "Tank Battery #1," "North Loading Area"*.) If there is only one permit proposed for the site, the area name must be the same as the site name in the "Site Information" section of this form. Note that the area may refer to a subset of units at the site to be covered by an application; it need not refer to a distinct physical area. This name will eventually be used as the name for the permit.

B. **Physical Address:**

Enter the physical address of the application area, including city, state, and ZIP Code (physical address - maximum 50 characters and city - maximum 25 characters). If there is a Physical Address, **skip** X.C-F below.

C. **Physical Location:**

If a physical address does not exist, provide a description of the physical location of the application area (maximum 250 characters). (*Example: Highway 100, 2 miles west of County Road 12.*)

D. **Nearest City:**

Enter the name of the city or municipality nearest to the application area, or in which the application area is located (maximum 25 characters).

E. **State:**

Enter the state in which the nearest city is located.

F. **ZIP Code:**

Enter the ZIP Code of the application area. (*This is used for location purposes and must be provided even if the facility does not receive mail delivery.*)



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- G. **Latitude:**  
Enter the latitude coordinate for the application area (*DDD:MM:SS*). Latitude indicates the angular distance (in degrees) of a location north of the equator and will always be between 25 and 37 degrees in Texas. Coordinates of the area must be shown to the nearest second and can be obtained from most city engineers, U.S. Geological Survey (USGS) maps, or from county maps prepared by the Texas Department of Transportation (TxDOT).
- H. **Longitude:**  
Enter the longitude coordinate for the application area (*DDD:MM:SS*). Longitude indicates the angular distance (in degrees) of a location west of the prime meridian and will always be between 93 and 107 degrees in Texas. Coordinates of the area must be shown to the nearest second and can be obtained from most city engineers, USGS maps, or county maps prepared by the TxDOT.
- I. **Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal?**  
Place an "X" in the box for "YES" if there are one or more emission units in the application area that are out of compliance. "Out of compliance" means a situation in which an emission unit or an operating condition *may* not be in compliance with one or more applicable requirements. Information on these units will be forwarded to the appropriate regional office. Title 30 TAC Chapter 122 requires that a description of the compliance status for all emission units be provided in a full application. Additional compliance information for full applications is provided on Form OP-ACPS (Application Compliance Plan and Schedule). If all emission units in the application area are believed to be in compliance, place an "X" in the box for "NO."
- J. **Estimated number of emission units in the application area:**  
Enter an estimated number of emission units in the application area with potentially applicable requirements. Do not include emission units that will only be addressed on Form OP-REQ1 (Application Area-wide Applicability Determinations and General Information).
- K. **Are there any emission units in the application area subject to the Acid Rain Program?**  
Place an "X" in the box for "YES" if any emission units in the application area are subject to the Acid Rain Program (ARP), including the Opt-in Program. Otherwise, place an "X" in the box for "NO."
- If the response to this question is "YES," submit the appropriate forms for an acid rain permit, if not already submitted. Applications for acid rain permits for opt-in sources to the ARP shall be submitted in accordance with 40 CFR Part 74.*
- The Opt-in Program allows stationary combustion sources not required to participate in the ARP the opportunity to enter the program on a voluntary basis, reduce their sulfur dioxide (SO<sub>2</sub>) emissions, and receive their own acid rain allowances. Combustion sources are defined as fossil fuel-fired boilers, turbines, or internal combustion engines. An opt-in source must comply with the same or similar provisions as utility units affected under the mandatory ARP. These provisions relate to allowance trading, permitting, excess emissions, monitoring, end-of-year compliance, and enforcement. Most basic to the program is the requirement that each year the opt-in source must hold enough allowances to cover its annual SO<sub>2</sub> emissions. For additional information, please refer to 40 CFR Part 74.

**XI. Public Notice**

*Complete this section for SOP Applications (initial, renewal, and significant revision) and Acid Rain Permit Applications only.*

**A. Name of a public place to view application and draft permit:**

Enter the name of the public place where the application and draft permit will be available for review and copying by the public throughout the public notice period.

The public place must be publicly owned or operated, such as a library, courthouse, or city hall, and must be located in the same county as the site. The TCEQ Regional Office may be used as a public place if it is located in the same county as the site.

**B. Physical Address:**

Enter the public place physical address, including city and ZIP Code (physical address - maximum 50 characters and city - maximum 25 characters).

**C. Contact Person:**

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name of the contact person who will answer questions from the public during the Public Notice Period (Last Name, First Name, MI; maximum 25 characters). This information will be published in the newspaper notice.

Enter the mailing address, including city, state, ZIP Code (address - maximum 50 characters; city - maximum 25 characters). If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and ZIP Code. Enter the internal mail code that is part of the mailing address of the contact person, if applicable (maximum 10 characters). Enter the contact person's telephone number with the area code. This information will be published in the newspaper notice.

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**XII. Delinquent Fees and Penalties**

*Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol." For more information regarding Delinquent Fees and Penalties, go to the TCEQ website at [www.tceq.texas.gov/agency/fees/delin/index.html](http://www.tceq.texas.gov/agency/fees/delin/index.html).*

**Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.**

**XIII. Designated Representative (DR) Identifying Information**

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name and title of the DR pursuant to 30 TAC § 122.165 (Last Name, First Name, MI; maximum 25 characters). Enter the name of the company, firm, etc. that employs the DR (maximum 50 characters). The company or firm name should be the name used to incorporate, for which a franchise tax identification number has been issued. If a franchise tax identification number has not been issued, then enter the most identifying name for the company or firm. Enter the mailing address, including city, state, ZIP Code. If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and ZIP Code. Enter an internal mail code, telephone number, fax number, and email address of the DR listed.

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**XIV. Alternate Designated Representative (ADR) Identifying Information**

If there is no ADR, leave this section blank.

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name and title of the ADR pursuant to 30 TAC § 122.165 (Last Name, First Name, MI; maximum 25 characters). Enter the name of the company, firm, etc. that employs the ADR (maximum 50 characters). The company or firm name should be the name used to incorporate, for which a franchise tax identification number has been issued. If a franchise tax identification number has not been issued, then enter the most identifying name for the company or firm. Enter the mailing address, including city, state, ZIP Code. If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and ZIP Code. Enter an internal mail code, telephone number, fax number, and email address of the ADR listed.

**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 (Page 1)  
Texas Commission on Environmental Quality**

Please print or type all information. Direct any questions regarding this application form to the Air Permits Division at (512) 239-1250 or to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division (MC 163), P.O. Box 13087, Austin, Texas 78711-3087.

<b>I. Company Identifying Information</b>	
<b>A.</b>	Company Name: Bell Textron Inc.
<b>B.</b>	Customer Reference Number (CN): CN 600131155
<b>C.</b>	Submittal Date (mm/dd/yyyy): 9/9/2024
<b>II. Site Information</b>	
<b>A.</b>	Site Name: Bell Textron Plant 1
<b>B.</b>	Regulated Entity Reference Number (RN): RN TA0054T
<b>C.</b>	Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A	
<b>D.</b>	Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>
<input checked="" type="checkbox"/> VOC <input type="checkbox"/> NO <sub>x</sub> <input type="checkbox"/> SO <sub>2</sub> <input type="checkbox"/> PM <sub>10</sub> <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> HAPS	
Other:	
<b>E.</b>	Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>F.</b>	Is the site within a local program area jurisdiction? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>G.</b>	Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>H.</b>	Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: N/A
<b>III. Permit Type</b>	
<b>A.</b>	Type of Permit Requested: <i>(Select only one response)</i>
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)	

**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 (Page 2)  
Texas Commission on Environmental Quality**

<b>IV. Initial Application Information</b> <i>(Complete for Initial Issuance Applications Only.)</i>
<b>A.</b> Is this submittal an abbreviated or a full application? <span style="float: right;"><input type="checkbox"/> Abbreviated <input type="checkbox"/> Full</span>
<b>B.</b> If this is a full application, is the submittal a follow-up to an abbreviated application? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
<b>C.</b> If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
<b>D.</b> Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
<b>E.</b> Has the required Public Involvement Plan been included with this application? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
<b>V. Confidential Information</b>
<b>A.</b> Is confidential information submitted in conjunction with this application? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
<b>VI. Responsible Official (RO) Identifying Information</b>
RO Name Prefix: ( <input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
RO Full Name: Marlene Meadows
RO Title: VP Quality & EHS
Employer Name: Bell Textron Inc.
Mailing Address: 3255 Bell Flight Blvd.
City: Ft. Worth
State: Texas
ZIP Code: 76118
Territory: N/A
Country: USA
Foreign Postal Code: N/A
Internal Mail Code: 1809
Telephone No.: (817) 280-2349
Fax No.: 817-278-2349
Email: mmeadows@bellflight.com

**Federal Operating Permit Program  
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Texas Commission on Environmental Quality**

<b>VII. Technical Contact Identifying Information</b> <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: Sam Sutton
Technical Contact Title: Sr. EHS Specialist
Employer Name: Bell Textron Inc.
Mailing Address: 3255 Bell Flight Blvd.
City: Ft. Worth
State: Texas
ZIP Code: 76118
Territory: N/A
Country: USA
Foreign Postal Code: N/A
Internal Mail Code: 1809
Telephone No.: (817) 280-1254
Fax No.: (817) 278-1254
Email: ssutton@bellflight.com
<b>VIII. Reference Only Requirements</b> <i>(For reference only.)</i>
A. State Senator: Kelly Hancock
B. State Representative: Tony Tinderholt
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</span>
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>
E. Indicate the alternate language(s) in which public notice is required: Spanish

**Federal Operating Permit Program  
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Texas Commission on Environmental Quality**

<b>IX. Off-Site Permit Request</b> <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
A. Office/Facility Name: N/A
B. Physical Address: N/A
City: N/A
State: N/A
ZIP Code:
Territory: N/A
Country: N/A
Foreign Postal Code: N/A
C. Physical Location: N/A
D. Contact Name Prefix: ( <input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name: N/A
E. Telephone No.:
<b>X. Application Area Information</b>
A. Area Name: Bell Textron Plant 1
B. Physical Address: 3255 Bell Flight Blvd.
City: Ft. Worth
State: Texas
ZIP Code: 76118
C. Physical Location: See Physical Address
D. Nearest City: Hurst
E. State: Texas
F. ZIP Code: 76118

**Federal Operating Permit Program  
Site Information Summary  
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Texas Commission on Environmental Quality**

<b>X. Application Area Information (continued)</b>
<b>G.</b> Latitude (nearest second): 32 48 23
<b>H.</b> Longitude (nearest second): 97 09 36
<b>I.</b> Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
<b>J.</b> Indicate the estimated number of emission units in the application area: 80
<b>K.</b> Are there any emission units in the application area subject to the Acid Rain Program? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
<b>XI. Public Notice</b> (Complete this section for SOP Applications and Acid Rain Permit Applications only.)
<b>A.</b> Name of a public place to view application and draft permit: TCEQ Region IV Office
<b>B.</b> Physical Address: 2309 Gravel Dr
City: Ft. Worth
ZIP Code: 76118
<b>C.</b> Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
Contact Person Full Name: Sam Sutton
Contact Mailing Address: 3255 Bell Flight Blvd.
City: Ft. Worth
State: Texas
ZIP Code: 76118
Territory: N/A
Country: USA
Foreign Postal Code: N/A
Internal Mail Code: 1809
Telephone No.: 817-280-1254



**Federal Operating Permit Program  
Site Information Summary  
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Texas Commission on Environmental Quality**

**XII. Delinquent Fees and Penalties**

**Notice:** This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol."

**Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.**

**XIII. Designated Representative (DR) Identifying Information**

DR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)

DR Full Name:

DR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

**Federal Operating Permit Program  
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**Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.**

**XIV. Alternate Designated Representative (ADR) Identifying Information**

ADR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)

ADR Full Name:

ADR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

## **Texas Commission on Environmental Quality Major NSR Summary Table - Instructions**

### **General:**

The TCEQ implements the periodic monitoring requirements of 30 TAC § 122.142(c) for New Source Review (NSR) permits through the NSR permit project review to determine the appropriate monitoring associated with the NSR permit and specifying those monitoring requirements in the NSR permit or permit record. All NSR permits are incorporated by reference (IBR) into the appropriate Title V Site Operating Permit (SOP). In order to resolve the United States Environmental Protection Agency's (EPA) objection to IBR of major NSR permits in the Title V SOPs, every major NSR permit (and the associated minor permit that is consolidated with the major permit) held at the site or application area and the major NSR summary table for each major NSR permit must be appended to the SOP. The purpose of the Major NSR Summary Table is to identify monitoring, recordkeeping, reporting, and testing (MRRT) requirements that have been determined to be sufficient to demonstrate compliance with the emission limits for each emission point as reflected on the Maximum Allowable Emission Rate Table (MAERT). The Major NSR Summary Table follows the format of the MAERT found in the major NSR permit, with three additional columns, Monitoring and Testing Requirements, Recordkeeping Requirements, and Reporting Requirements.

### **Specific:**

Instructions for adding or revising a Major NSR Summary Table in a SOP.

### **Adding a New Major NSR Summary Table to the SOP**

A Major NSR Summary Table is required to be added to an SOP after issuance of a major NSR permit. An application must be submitted consistent with the requirements for submitting an initial, significant revision, or renewal (30TAC 122 Subchapter B, Division 3; Subchapter C, Division 2; or Subchapter C, Division 4).

Application Guidance and Procedures:

- Indicate in the application cover letter that the Major NSR Summary Table is being added to the SOP in this permit action.
- The assigned permit reviewer will send the Major NSR Summary Table, created from the MAERT with MRRT columns added, via electronic mail.
- Complete the MRRT columns per instructions below.
- Send the completed Major NSR Summary Table to the assigned permit reviewer via electronic mail for review.

### **Revising an Existing Major NSR Summary Table**

An existing Major NSR Summary Table must be revised when the Major NSR permit MAERT is updated through an NSR permit action and may need to be revised when any special conditions of the Major NSR Permit are revised through an NSR permit action.

An existing Major NSR Summary Table may be revised by submitting a minor revision application provided that the NSR action being incorporated satisfies the requirements for a minor revision under 30 TAC § 122.215; and may also be revised by submitting a renewal or significant revision application.

Application Guidance and Procedures:

- Indicate in the application cover letter that the Major NSR Summary Table is being revised in this permit action.
- The assigned permit reviewer will send the Major NSR Summary Table Word document from the effective permit in the correct format via electronic mail to the technical contact.
- Make revisions to the Major NSR Summary Table using the *Tracked Changes* feature in Microsoft Word.

## Major NSR Summary Table – Instructions

- Send the revised Major NSR Summary Table to the assigned permit reviewer via electronic mail for review.

**Monitoring and Testing Requirements:** For each EPN, enter the special condition number(s) requiring monitoring and/or testing, as well as any control standard, emission limit, operations of control equipment, or monitoring equipment. Also, enter the special condition number(s) requiring any monitoring and/or testing of specific parameters used to calculate an emission rate and/or control standard. If the monitoring/testing requirements were specified in an NSR application and not in the permit, please identify the NSR project number, date of application, and the page number(s) in the application (as applicable) where the monitoring/testing information is specified. See the Example Major NSR Summary Table for citing NSR application information for reference. A copy of the NSR permit application page(s) must also be included with this form when citing the NSR permit application in lieu of special condition numbers.

**Recordkeeping Requirements:** For each EPN, enter the special condition number(s) requiring recordkeeping. Also, include the special condition number(s) requiring recordkeeping for any parameter used in the calculation of an emission rate and/or control standard. If the recordkeeping requirements were specified in an NSR application and not in the permit, please identify the NSR project number, date of application, and the page number(s) in the application (as applicable) where the monitoring/testing information is specified. See the Example Major NSR Summary Table for citing NSR application information for reference. A copy of the NSR permit application page(s) must also be included with this form when citing the NSR permit application in lieu of special condition numbers.

**Reporting Requirements:** For each EPN, enter the special condition number(s) requiring reporting. If the reporting requirements were specified in an NSR application and not in the permit, please identify the NSR project number, date of application, and the page number(s) in the application (as applicable) where the monitoring/testing information is specified. See the Example Major NSR Summary Table for citing NSR application information for reference. A copy of the NSR permit application page(s) must also be included with this form when citing the NSR permit application in lieu of special condition numbers.

*Note: The Major NSR Summary Table identifies MRRT requirements that have been previously established and approved through the NSR review process to be sufficient to demonstrate compliance with the MAERT emission limits and other standards of the NSR permit. Therefore, the Major NSR Summary Table cannot be used to change the underlying NSR permit. Changes to underlying NSR conditions, emission limits, or the addition of MRRT requirements must be handled through the appropriate NSR application process. Keep in mind that the inability to identify NSR permit condition numbers and/or application information sufficient to demonstrate compliance with the MAERT limits is an indication of insufficient monitoring with the NSR permit and should be addressed by submitting an alteration to add sufficient monitoring.*

When completing or revising the table, consider the following:

- The left-hand side of the table (MAERT side) must match the MAERT exactly, including the order of the units.
- List the special conditions or application information (see the note above) on an emission point basis instead of on a pollutant by pollutant basis
- For each EPN, list each special condition or application information in a row separated by commas (horizontally rather than vertically) in one or more of the three MRRT columns, as applicable.
- List only the special condition numbers or application information which apply. Subparagraph designations or text describing the special condition or application information should not be included.
- Include any special conditions or application information which reference federal regulations with relevant requirements such as 40 CFR Part 60 (NSPS), 40 CFR Part 61 (NESHAP), or 40 CFR Part 63 (MACT).

# Texas Commission on Environmental Quality

## Major NSR Summary Table

Permit Number: 18514			Issuance Date: 9-09-2024				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
K-1	Blade Paint Shop (6)	VOC	30.01	12.75	N/A	6C, 12F & 18	18
		Exempt VOC	23.2	12.07			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
K-1	NG fired AMU North	NOX	.17	.17	N/A	6C & 18	18
		SO2	<0.01	<0.01			
		TOC	.02	.02			
		CO	.14	.14			
		PM	.01	.01			
		PM10	.01	.01			
		PM2.5	.01	.01			
K-1	NG fired AMU South	NOX	.17	.17	N/A	6C & 18	18
		SO2	<0.01	<0.01			
		TOC	.02	.02			
		CO	.14	.14			
		PM	.01	.01			
		PM10	.01	.01			
		PM2.5	.01	.01			
K-1	NG fired Oven North	NOX	.12	.37	N/A	6C & 18	18
		SO2	<0.01	<0.01			
		TOC	.01	.04			
		CO	.1	.31			
		PM	.01	.03			
		PM10	.01	.03			
		PM2.5	.01	.03			
K-1	NG fired Oven South	NOX	.12	.37	N/A	6C & 18	18
		SO2	<0.01	<0.01			

**TCEQ-20648 (Revised 02/13) Major NSR Summary Table – Instructions**  
 This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (APDG 6193v1)

## Major NSR Summary Table – Instructions

Permit Number: 18514			Issuance Date: 9-09-2024				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
		TOC	.01	.04			
		CO	.1	.31			
		PM	.01	.03			
		PM10	.01	.03			
		PM2.5	.01	.03			
K-1	NG Blade Cure Oven	NOX	.12	.37	N/A	6C & 18	18
		SO2	<0.01	<0.01			
		TOC	.01	.04			
		CO	.1	.31			
		PM	.01	.03			
		PM10	.01	.03			
		PM2.5	.01	.03			
10	Final Blade Paint (6)	VOC	15.00	3.18	N/A	6C, 12F & 18	18
		Exempt VOC	13.2	1.27			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
		Pb	<0.01	<0.01			
BLDG 2FUG	Building Emissions (6)	VOC	16.81	5.48	N/A	6C & 18	18
		Exempt VOC	14.24	3.47			
23-2 & 23-3	Helo Paint Booths (6)	VOC	34.5	17.05	N/A	6C, 12F & 18	18
		Exempt VOC	15.00	5.17			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
		Pb	<0.01	<0.01			
		NOX	.6	.6			
		SO2	.04	.04			
		TOC	.07	.07			
		CO	.5	.5			
		PM (5)	.05	.05			
		PM10 (5)	.05	.05			
		PM2.5 (5)	.05	.05			

## Major NSR Summary Table – Instructions

Permit Number: 18514			Issuance Date: 9-09-2024				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
26	Tail Rotor Fin Paint (6)	VOC	12.2	2.33	N/A	6C, 12F & 18	18
		Exempt VOC	5.31	.71			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
		Pb	<0.01	<0.01			
97-010, 97-011, 97-012	Paint Kitchens (6)	VOC	3.32	.66	N/A	6C & 18	18
		Exempt VOC	1.14	.1			
BLDG30AMU2	Bldg 30 AMU's	NOX	2.06	3.01	N/A	6C & 18	18
		SO2	<0.01	.02			
		TOC	.08	.33			
		CO	.58	2.53			
		PM	.05	.23			
		PM10	.05	.23			
		PM2.5	.05	.23			
BLDG30AMU3	Bldg 30 AMU's	NOX	2.06	3.01	N/A	6C & 18	18
		SO2	<0.01	.02			
		TOC	.08	.33			
		CO	.58	2.53			
		PM	.05	.23			
		PM10	.05	.23			
		PM2.5	.05	.23			
BLDG30FUG	Building Emissions	VOC	16.85	2.96	N/A	18	18
		Exempt VOC	29.75	1.97			
36PNT1	AMU 1	NOX	.2	.87	N/A	6C & 18	18
		SO2	<0.01	<0.01			
		TOC	.02	.1			
		CO	.17	.73			
		PM	.02	.07			
		PM10	.02	.07			
		PM2.5	.02	.07			
36PNT2	AMU 2	NOX	.2	.87	N/A	6C & 18	18
		SO2	<0.01	<0.01			

TCEQ-20648 (APDG 6193v5, Revised 10/18) Major NSR Summary Table  
This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

## Major NSR Summary Table – Instructions

Permit Number: 18514			Issuance Date: 9-09-2024				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
		TOC	.02	.1			
		CO	.17	.73			
		PM	.02	.07			
		PM10	.02	.07			
		PM2.5	.02	.07			
36PNT3	Curing Oven 1 Process	VOC	4.34	1.84	N/A	6C & 18	18
		Exempt VOC	2.8	1.05			
36PNT4	Curing Oven 2 Process	VOC	4.34	1.84	N/A	6C & 18	18
		Exempt VOC	2.8	1.05			
36PNT5	Curing Oven 1 POC	NOX	.1	.43	N/A	6C & 18	18
		SO2	<0.01	<0.01			
		TOC	.01	.05			
		CO	.08	.36			
		PM	.01	.03			
		PM10	.01	.03			
		PM2.5	.01	.03			
36PNT6	Curing Oven 2 POC	NOX	.1	.43	N/A	6C & 18	18
		SO2	<0.01	<0.01			
		TOC	.01	.05			
		CO	.08	.36			
		PM	.01	.03			
		PM10	.01	.03			
		PM2.5	.01	.03			
36PNT7	Composite Paint (6)	VOC	24.7	6.62	N/A	6C, 12F & 18	18
		Exempt VOC	15.01	3.68			
		PM	.1	.01			
		PM10	.1	.01			
		PM2.5	.1	.01			
36PNT8	Wing Tip Booth (6)	VOC	2.62	0.71	N/A	6C, 12F & 18	18
		Exempt VOC	1.58	.39			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			



## Major NSR Summary Table – Instructions

Permit Number: 18514			Issuance Date: 9-09-2024				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
36PNTKIT1	Paint Kitchen (6)	VOC	.05	.02	N/A	6C & 18	18
		Exempt VOC	.01	<.01			
BLDG36FUG	Building Emissions (6)	VOC	17.7	3.94	N/A	6C & 18	18
		Exempt VOC	26.38	3.56			
BLDG25FUG	Building Emissions (6)	VOC	3.7	3.2	N/A	6C & 18	18
		Exempt VOC	4.1	.52			
14	Maint Paint Booth (6)	VOC	12.14	6.16	N/A	6C, 12H	18D
		Exempt VOC	1.76	.88			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
		Pb	<0.01	<0.01			
BLDG15FUG	Building Emissions (6)	VOC	2.21	1.72	N/A	6C & 18	18
		Exempt VOC	1.66	.19			
13	Tooling Paint Booth(6)	VOC	10.95	6.44	N/A	6C, 12H	18D
		Exempt VOC	3.22	.81			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
		Pb	<0.01	<0.01			
BLDG21FUG	Building Emissions (6)	VOC	4.76	2.7	N/A	6C & 18	18
		Exempt VOC	7.42	.57			
19-1	R&D Paint Booth (6)	VOC	9.66	1.41	N/A	6C, 12H	18D
		Exempt VOC	5.64	.4			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
		Pb	<0.01	<0.01			
		NOX	0.08	0.08			
		SO2	<0.01	<0.01			
		TOC	<0.01	0.01			
		CO	0.06	0.06			
		PM (5)	<0.01	<0.01			

TCEQ-20648 (APDG 6193v5, Revised 10/18) Major NSR Summary Table  
This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

## Major NSR Summary Table – Instructions

Permit Number: 18514			Issuance Date: 9-09-2024				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
		PM10 (5)	<0.01	<0.01			
		PM2.5 (5)	<0.01	<0.01			
BLDG19FUG	Building Emissions (6)	VOC	9.49	0.95	N/A	6C & 18	18
		Exempt VOC	14.06	.67			
27PB1	Blade Paint Booth (6)	VOC	4.76	6.5	N/A	6C, 12F & 18	18
		Exempt VOC	3.78	5.23			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
27PB2	Transmission Paint (6)	VOC	11.00	9.59	N/A	6C, 12F & 18	18
		Exempt VOC	6.59	4.39			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
27PK1EXH	Paint Kitchen (6)	VOC	.04	.01	N/A	6C & 18	18
		Exempt VOC	.33	.05			
27OVEN1	Cure OVEN 1	VOC	2.37	2.5	N/A	6C & 18	18
		Exempt VOC	1.89	2.62			
27OVEN2	Cure OVEN 2	VOC	2.37	2.5	N/A	6C & 18	18
		Exempt VOC	1.89	2.62			
BLDG27FUG	Building Emissions	VOC	7.95	7.98	N/A	6C & 18	18
		Exempt VOC	6.59	5.27			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
56ADPB	Adhesive Prime Booth	VOC	10.00	11.96	N/A	6C, 12F & 18	18
		Exempt VOC	6.0	2.12			
		PM	0.1	0.1			
		PM10	0.1	0.1			
		PM2.5	0.1	0.1			

## Major NSR Summary Table – Instructions

[illegible]

## Major NSR Summary Table – Instructions

Permit Number: 18514			Issuance Date: 9-09-2024				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.

- Footnotes:
- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
  - (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
  - (3) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.  
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code (30 TAC)§ 101.1  
 NOx - total oxides of nitrogen  
 SO<sub>2</sub> - sulfur dioxide  
 PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>  
 PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>  
 PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter  
 CO - carbon monoxide  
 TOC total organic compounds from the combustion of natural gas  
 Pb - lead
  - (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
  - (5) Products of combustion.
  - (6) The allowable emission rates include planned maintenance, startup, and shutdown activities. It does not include emissions from facilities that are authorized under a permit by rule by 30 TAC Chapter 106 or as de minimis by 30 TAC §116.119.

## Texas Commission on Environmental Quality

Title V Existing

1631

### Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	BELL PLANT 1
County	TARRANT
Latitude (N) (##.#####)	32.806388
Longitude (W) (-###.#####)	97.16
Primary SIC Code	3721
Secondary SIC Code	
Primary NAICS Code	336411
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100222488
What is the name of the Regulated Entity (RE)?	BELL PLANT 1
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	3255 BELL FLIGHT BLVD
City	FORT WORTH
State	TX
ZIP	76118
County	TARRANT
Latitude (N) (##.#####)	32.806388
Longitude (W) (-###.#####)	-97.159932
Facility NAICS Code	
What is the primary business of this entity?	AIRCRAFT MANUFACTURING AND REWORK

### Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN600131155
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Bell Textron Inc.
Texas SOS Filing Number	5484806
Federal Tax ID	50393946
State Franchise Tax ID	10503939463
State Sales Tax ID	
Local Tax ID	
DUNS Number	6292332
Number of Employees	501+
Independently Owned and Operated?	Yes

### Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	BELL TEXTRON INC
Prefix	MS
First	MARLENE
Middle	
Last	MEADOWS
Suffix	
Credentials	
Title	VP QUALITY & EHS
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 482
Routing (such as Mail Code, Dept., or Attn:)	
City	FORT WORTH
State	TX
ZIP	76101
Phone (###-###-####)	8172802349
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	8172782349
E-mail	mmeadows@bellflight.com

## Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.	SAM SUTTON(BELL TEXTRON IN... )
Organization Name	BELL TEXTRON INC
Prefix	MR
First	SAM
Middle	
Last	SUTTON
Suffix	
Credentials	
Title	SENIOR ENVIRONMENTAL SPECIALIST
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 482
Routing (such as Mail Code, Dept., or Attn:)	
City	FORT WORTH
State	TX
ZIP	76101
Phone (###-###-####)	8172801254
Extension	
Alternate Phone (###-###-####)	

Fax (###-###-####)

E-mail

8172781254

ssutton@bellflight.com

## Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	32 Deg 48 Min 23 Sec
3) Permit Longitude Coordinate:	97 Deg 9 Min 36 Sec
4) Is this submittal a new application or an update to an existing application?	New Application
4.1. What type of permitting action are you applying for?	Renewal
4.1.1. Are there any permits that should be voided upon issuance of this permit application through permit conversion?	No
4.1.2. Are there any permits that should be voided upon issuance of this permit application through permit consolidation?	No
5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

## Title V Attachments Existing

### Attach OP-1 (Site Information Summary)

#### [File Properties]

File Name	<a href=/ePermitsExternal/faces/file?fileId=215663>OP-1.pdf</a>
Hash	56F7A27424DCD2F843F20F9F23A9D95B2AFD75139F273EBBA1887BB4CDEFD620
MIME-Type	application/pdf

### Attach OP-2 (Application for Permit Revision/Renewal)

#### [File Properties]

File Name	<a href=/ePermitsExternal/faces/file?fileId=215664>OP-2.pdf</a>
Hash	AFA35C9CF2A0897FA031F43C9C3379EB79B20B111EFA6DBE8AD95C5E87368BCF
MIME-Type	application/pdf

### Attach OP-ACPS (Application Compliance Plan and Schedule)

#### [File Properties]

File Name	<a href=/ePermitsExternal/faces/file?fileId=215665>OP-ACPS.pdf</a>
Hash	3CB73AD03EA99470449989D158F595A167692ADF734DF64E8014E380F35904FA
MIME-Type	application/pdf

### Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)

#### [File Properties]

File Name	<a href=/ePermitsExternal/faces/file?fileId=215666>OP-REQ1.pdf</a>
Hash	42F90EA21B7E98014B56739E2E8F04933129DCA549EF0B44A79EB4F52DFBEF0F
MIME-Type	application/pdf

### Attach OP-REQ2 (Negative Applicable Requirement Determinations)

[File Properties]

File Name	<a href="/ePermitsExternal/faces/file?fileId=215667">OP-REQ2.pdf</a>
Hash	12A2CB767C03A5BC7824F8930DB10912F0373B1FF3006B7F1BBD94BA51F9261D
MIME-Type	application/pdf

Attach OP-REQ3 (Applicable Requirements Summary)

[File Properties]

File Name	<a href="/ePermitsExternal/faces/file?fileId=215668">OP-REQ3.pdf</a>
Hash	0CC717D225D1A6B384FA800FC792276BF96FEC19D83C71C9DD2515A839B6E0E7
MIME-Type	application/pdf

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

[File Properties]

File Name	<a href="/ePermitsExternal/faces/file?fileId=215669">OP-SUMR.pdf</a>
Hash	3326B9811FB7E9538B88869BAB449BE2A3C354691E9B54DB6962790BF7C4DB8C
MIME-Type	application/pdf

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

If applicable, attach OP-AR1 (Acid Rain Permit Application)

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name	<a href="/ePermitsExternal/faces/file?fileId=215670">Bell Plant 1 Title V Renewal Application O-01631.pdf</a>
Hash	BB69FDEAA56F4C3F02FFC37F98BBB6B80DF6804C6EF84C48DC26D6845C700DDA
MIME-Type	application/pdf

An additional space to attach any other necessary information needed to complete the permit.

[File Properties]

File Name	<a href="/ePermitsExternal/faces/file?fileId=215671">P1 Major NSR Summary Table.pdf</a>
Hash	EF5DC4982BBC9BB2AF43CD977901877B3FFD9BE1E50ABDF402F3C26012A3697B
MIME-Type	application/pdf

Expedite Title V



1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application?

No

## Certification

I certify that I am the Responsible Official for this application and that, based on information and belief formed after reasonable inquiry, the statements and information on this form are true, accurate, and complete.

1. I am Marlene M Meadows, the owner of the STEERS account ER095272.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 1631.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Marlene M Meadows OWNER OPERATOR

Account Number:	ER095272
Signature IP Address:	72.131.211.45
Signature Date:	2024-09-23
Signature Hash:	E64E3B234D2EDF3008709629792D874729896F80809403D8F5993424AFC0FB6C
Form Hash Code at time of Signature:	B10BE3A7350A09A4199A3670D00511DEBC80CC7AB3F27CCC7DB9EA2B617A20C5

## Submission

Reference Number:	The application reference number is 681262
Submitted by:	The application was submitted by ER095272/Marlene M Meadows
Submitted Timestamp:	The application was submitted on 2024-09-23 at 12:07:22 CDT
Submitted From:	The application was submitted from IP address 72.131.211.45
Confirmation Number:	The confirmation number is 565455
Steers Version:	The STEERS version is 6.82
Permit Number:	The permit number is 1631

## Additional Information

Application Creator: This account was created by Sam J Sutton



A Textron Company

September 9, 2024

Mr. Jesse Chacon  
Texas Commission on Environmental Quality  
Office of Permitting, Remediation, & Registration  
Air Permits Division, MC 163  
Building C, Floor 3  
12100 Park 35 Circle  
Austin, TX 78753

**Re: Bell Textron, Inc.  
Plant 1 - TCEQ RN 100222488  
Renewal of FOP Number O-01631**

Dear Mr. Chacon:

Bell Textron Inc. is submitting this application to renew Federal Site Operating Permit (SOP) No. O-01631 for Plant 1 located in Ft. Worth, Texas. There are not any revisions associated with this renewal.

The following applicable forms for the renewal are attached.

- ▲ TCEQ Form OP-1 – Site Information Summary
- ▲ TCEQ Form OP-2 – Application for Permit Revision
- ▲ TCEQ Form OP-ACPS – Application Compliance Plan and Schedule
- ▲ TCEQ Form OP-CRO1 – Certification by Responsible Official
- ▲ TCEQ Form OP-SUMR – Individual Unit Summary for Revisions – N/A – None requested; included for thoroughness
- ▲ TCEQ Form OP-REQ1 – Application Area-Wide Applicability Determinations and General Information
- ▲ TCEQ Form OP-REQ2 - Negative Applicable Requirement Determinations - N/A – None requested; included for thoroughness
- ▲ TCEQ Form OP-REQ3 – Applicable Requirements Summary - N/A – None requested; included for thoroughness
- ▲ TCEQ Major NSR Summary Table

If you have any questions concerning this submittal, please feel free to call me at (817) 280-1254.

Sincerely,

Sam Sutton  
Sr. EHS Specialist  
Principal Environmental Engineer

Attachments

cc: Ms. Elizabeth Smith, TCEQ Region 4  
Mr. Anthony Williams, Ft. Worth



A Textron Company

**FEDERAL SITE OPERATING  
PERMIT RENEWAL APPLICATION  
ACCOUNT NO. TA-0054-T  
PLANT NO. 1.**

**SEPTEMBER 2024**

**Prepared by:**

**BELL TEXTRON INC.**  
P. O. Box 482  
Fort Worth, Texas 76101

**Submitted to:**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY  
Office of Permitting, Remediation and Registration  
Operating Permits Division  
12100 Park 35 Circle  
Building C, Code 163  
Austin, Texas 78753

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1	AREA MAP
2	PLANT 1 SOURCE LOCATION PLOT PLAN



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### FORM

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#### GENERAL AND ADMINISTRATIVE FORMS

OP-1 SITE INFORMATION SUMMARY  
OP-2 APPLICATION FOR PERMIT REVISION/RENEWAL  
OP-CRO1 CERTIFICATION BY RESPONSIBLE OFFICIAL  
OP-SUMR INDIVIDUAL UNIT SUMMARY FOR REVISIONS

#### UNIT ATTRIBUTE FORMS

NONE

#### APPLICABLE REQUIREMENTS FORMS

OP-REQ1 APPLICATION AREA-WIDE APPLICABILITY DETERMINATIONS AND GENERAL INFORMATION  
OP-REQ2 NEGATIVE POTENTIALLY APPLICABLE REQUIREMENT DETERMINATIONS  
OP-REQ3 APPLICABLE REQUIREMENTS SUMMARY

#### COMPLIANCE FORM

OP-ACPS APPLICATION COMPLIANCE PLAN AND SCHEDULE  
PLANT 1 MAJOR NSR SUMMARY TABLE

## **1.0 INTRODUCTION**

Bell Textron Inc. manufactures a wide variety of both military and commercial helicopter blades, sub-assemblies and R&D materials at our Plant 1 manufacturing facility located in Ft. Worth Texas. The manufacturing processes include numerous machining operations, etching, composite manufacturing, abrasive blasting, painting, degreasing, inspection processes, repair and overhaul of blades and transmissions and blade final assembly processes. These operations are supported by natural gas fired boilers, autoclaves, cooling towers and a wastewater treatment plant.

Bell requests to continue operations and to renew their Federal Site Operating Permit (SOP) No. O-1631. We have not had any process additions or modifications since the most recent revision received on 7/24/2023.

### **1.1 TITLE V RENEWAL APPLICABILITY**

Bell Plant 1 is a major source as defined in *30 TAC § 122.10* because of its potential to emit more than 100 tons per year (tpy) of volatile organic compounds (VOC) and more than 25 tpy of Hazardous Air Pollutants (HAPs) in the aggregate and more than 10 tpy of any individual HAP(s). In addition, the site is subject to a number of applicable requirements under *40 CFR 60* and *40 CFR 63*. BELL Plant 1 has been in operation under Federal SOP No. O-01631 since initial issuance on June 20, 2001; and was most recently renewed on April 1, 2020, and revised on July 24, 2023. We are submitting this renewal application to comply with the Texas Commission on Environmental Quality (TCEQ) Operating Permit Renewal requirements as specified in *30 Texas Administrative Code (TAC) Chapter 122*.

Section 2 provides a process description of the facility. Section 3 provides a summary of any applicable and potentially applicable requirements under the Texas Title V program (*30 TAC Chapter 122*) for any new or updated specific emission units located at the facility. The forms section of this application provides the general and administrative forms; unit attribute forms (OP-UA series) for each emission unit possessing any applicable or potentially applicable requirements; applicable requirements forms (OP-REQ series) summarizing site-wide and unit-specific applicable requirements as well as negative applicability for certain emission units that are exempt from potentially applicable requirements; and a site-wide compliance form certifying that all Bell emission units are in compliance with all applicable requirements. The forms

section also includes a summary form of the new and updated emission units; however, this application does not include any new units as none have been installed or modified since the most recent minor revision in 2023 (Form OP-SUMR).

## 2.0 PROCESS DESCRIPTION

The permit will continue to cover several processes used in the manufacture and refurbishment of helicopter blades and transmissions as well as support operations. Each of the processes is discussed individually below.

### 2.1 MACHINING OPERATIONS

The facility machines individual pieces of blades from raw materials such as aerospace aluminum, magnesium, steel and titanium. The facility has extensive machining capability to produce and refurbish various metal and composite blades, yokes, grips, tubes, spars, transmissions and other assorted blade and subassembly structures. The machine tools (30 TAC 106.265) involved include manual and automatic milling machines, shapers, and grinders of various types and boring machines. These operations generate minimal particulate matter due to the fact that all of them use point of source particulate abatement or water-based media collection systems. The larger CNC operations use oils and machining fluids which wash away the cuttings into the machine sumps. All the emissions from these operations escape the various buildings as fugitives and are not subject to 30 TAC 115.120 - 115.129 concerning Vent Gas Control.

### 2.2 ETCHING OPERATIONS

Plant 1 operates four chemical process lines which include cleaning lines, etch lines and pickling lines. The processing operations provide corrosion resistance and clean parts prior to further processing such as painting or adhesive application. Each of the lines is authorized under 30 TAC 106.375. There is not any chrome plating or anodizing operations conducted at the facility and therefore the requirements of 40 CFR 63, Subpart N do not apply.

### 2.3 ABRASIVE BLASTING

The facility has a number of enclosed abrasive blasting operations that are controlled with baghouse or cartridge filter systems; they are constructed under 30 TAC 106.452. The blast

media used include silica sand, steel grit, aluminum oxide grit, glass beads, plastic media, dry ice and sodium bicarbonate. The blasting operations are used to clean or shot peen various types of metal and composite parts. The only applicable rules to this operation are the opacity limitations contained in 30 TAC 111.111 and the general regulations in 30 TAC 106.4. The emissions from the blasting operations exit the various buildings as fugitive PM emissions.

## 2.4 PAINTING

Metal and Composite parts are brought into one of the various enclosed paint shops at Plant 1 and can be handled in one of several ways. Some parts will proceed directly to painting while others may have contamination such as oil and metal particles which require removal using either hand applied solvents or low vapor pressure solvents such as naphtha, through flushing. This operation meets the requirements of 40 CFR 63.744(d). Prior to painting, certain areas of parts and subassemblies may be masked to prevent contamination and allow for the parts to be assembled without overspray removal.

The materials coated in the Plant 1 paint booths range from metal and composite helicopter blades to helicopter transmissions and various helicopter sub-assemblies. These materials will have any of a number of types of coatings applied such as epoxy or polyurethane primers, topcoats and specialty coatings; certain parts will also be flushed using naphtha. These coatings meet the VOC content requirements of 30 TAC 115.421 and 40 CFR 63, Subpart GG. All coatings will be supplied to high-volume low-pressure spray guns for application to the parts. Overspray particulate that does not fall out within the booth will be controlled with a two or three stage 99.84 percent efficient dry filter system that meets the requirements in 40 CFR 63, subpart 63. The emissions will be exhausted through elevated stacks equipped with automatic ventilators for rain protection.

Painted parts will dry within the booths or in sweet natural gas fired ovens. The cured parts will leave the booths or oven(s) after the cure is complete and continue through their individual workflow to competition. Oven emissions will vent through their own stack, in the case of indirect fired units, or through paint booth stack, in the case of direct fired units. All AMU units are authorized by permit by rule 106.183 and the products of combustion generated by those units are authorized by either NSR 18514 or 106.183 depending on the unit's firing orientation, direct or indirect respectively.

Application equipment will be cleaned in enclosed gun washers or covered vats to reduce emissions as required by 30 TAC 115.421 and 40 CFR 63.744(c). The equipment cleanup operations will be conducted in a paint kitchen; all gun cleaning emissions are exhausted through a paint kitchen stack.

## 2.5 WIPE SOLVENT

Between or during many of the manufacturing operations such as machining, inspection, painting or assembly machining lubricants, metal particles, dirt and other contaminants are removed using a low VOC and low vapor pressure solvent or a non-VOC and non HAP solvent such as acetone. The solvents used in this operation will meet the requirements of either 40 CFR 63.744(b)(1) or (b)(2). The solvent is received in drums and containers. The solvent is then dispensed into squeeze bottles and is squirted on to the parts or onto absorbent cloths, paper or cotton tipped applicators. Once the parts are cleaned the spent solvent is stored in closed containers. Soiled and solvent laden cloths and applicators are placed in to closed containers to contain the solvent vapors. The solvent wipe emissions exit the various buildings as fugitive emissions. The wipe solvent operations meet the requirements of 30 TAC 115 and 40 CFR 63.744(b).

## 2.6 COMPOSITE OPERATIONS

Many of the parts of a helicopter are made from composite materials (a matrix of various fiber and resin materials). Composite parts fall into three groups as follows:

- Cabin and fuselage parts fabricated from fiberglass or carbon fiber materials; rotor blades made from metal and a composite honeycomb core and all composite blades; and blade spars and yokes made from pre-impregnated fiberglass composite materials.

## 2.7 METAL ROTOR BLADES

The metal blade skins, doublers (stiffeners) come to the blade shop from the chemical process treatment lines which provide a clean and corrosion resistant surface on the parts. The parts are further inspected to insure they are clean and smooth. Solvent saturated wipes are used for cleaning with a solvent that meets the requirements of 40 CFR 63.744. The metal components

are laid out on a roller conveyor and are fed into the adhesive prime spray booth. The blades are assembled by placing the spars (a box beam) on a bench and the blade nose and abrasive strips are attached with adhesives (adhesives are exempt under §63.741(f)). The adhesive may either be a solvent based liquid or may come as tacky strips or sheets. The spars are placed in a vacuum bag and are placed in one of the blade autoclaves in a nitrogen atmosphere at 360°F to cure the adhesives. Once the cure cycle ends the spar assembly has the pressure relieved and the part is allowed to cool. The cured spar is placed in a plastic media blast unit or a vapor blast unit (iron oxide and water blast media) which meets the requirements of 30 TAC 106.452 and 106.451, respectively. This operation removes adhesive squeeze out and provides the proper surface finish (profile) to insure proper bonding of the remaining blade parts. The cleaned spar is returned to the shop to have the skins attached, the internal honeycomb installed, and the trailing edge strip attached. To achieve the desired strength in the root of the blades, the double sets are attached with adhesives on the hot table. The table is warm to the touch and allows the adhesive sheets to be more easily handled. Grips (the portion of the blade that allows attachment to the yokes) are inserted and the blades are once again vacuum-bagged and placed in the autoclaves to cure the adhesives. The blades are passed through the media blast operation to remove excess adhesive and have the ends sealed with a polyester resin putty (30 TAC 106.392) prior to ultrasonic inspection. The inspected blades are then passed through a machining area (30 TAC 106.265) where bushings are installed in the grips. The completed blade is then sent to the blade paint shop for painting.

## 2.8 COMPOSITE ROTOR BLADES

Composite rotor blades are fabricated in a manner very similar to the metal blades except that the blade parts are made from composite parts except for the spar in some blades is a metal box beam. The spar, fill strips, honeycomb and skins are placed in a two-piece tool after the adhesives are applied and compressed air is put into the tool. The compressed air forces all the blade parts together within the tool, and the tool is heated to partially cure the adhesives. The final cure takes place in the blade autoclaves after the blade is placed in a vacuum bag. The blades are trimmed (30 TAC 106.265) and pass through a visual inspection using a high intensity light shining through the blade, and an audible inspection is performed by tapping the blades with a small hammer. The inspected blades are then passed through a machining area

(30. TAC 106.265) where bushings are installed in the grips. The completed blade is then sent to the blade paint shop for painting.

## 2.9 BLADE SPARS, YOKES AND OTHER FILAMENT WOUND PARTS

Composite blade spars, yoke wraps and a number of other parts are produced through a filament winding process using a number of pre-preg fiberglass filaments which are fed into the head on the winding machines. The parts are produced by winding over a form or over a pneumatic sleeve which can be deflated after the part is produced. Yokes are produced through laying up hundreds of layers of individual pre-preg sheets with the yoke wraps being inserted every few layers to add tensile strength to the part. These parts are placed in the autoclaves for curing prior to the final machining (30 TAC 106.265) or use in other parts such as the blades.

## 2.10 INSPECTION OPERATIONS

The parts inspection process includes magnetic particle and dye penetrant inspection methods to check for cracks and other defects in various types of ferrous (magna flux) and non-ferrous parts (zyglo) and are constructed under 30 TAC 106.316. The magnaflux process consists of the immersion of the part in a solvent bath that contains ferrous metal particles and then applying a strong magnetic field to the part. The particles align themselves with the magnetic field and an anomalous particle pattern or accumulation of particles is formed around the defects. The particles in the solvent bath may also be coated so that they fluoresce under ultraviolet light to make the detection of defects easier. The solvent baths and part drainage pans are vented to the atmosphere and are subject to the requirements of 30 TAC 115.121 - 115.129 concerning Vent Gas Control. The zyglo process can be used on ferrous or nonferrous materials and consists of the application of a dye to the part and its subsequent removal. The dye will penetrate into small defects such as pinholes and cracks and will not be readily removed. The part is then immersed in a developer solution and placed in an ultraviolet inspection booth. The dye that is located in the defects will fluoresce. The dye and developer both contain very small amounts of VOC and the tanks are exhausted to the atmosphere and are subject to the requirements of 30 TAC 115.121 - 115.129 concerning Vent Gas Control.

## 2.11 STORAGE TANKS AND TANK LOADING OPERATIONS

Storage tanks located at the facility that fall into the following categories:

- Acid and base storage tanks
- Process wastewater treatment tanks
- Waste coolant oil storage tanks
- Pressurized propane, nitrogen and argon storage tanks
- Diesel fuel tanks
- Gasoline tanks.

The 4,000 gallon above ground gasoline and diesel fuel tanks are filled through a loading rack which is housed in an enclosed cabinet and equipped with cam lock connectors that close automatically when disconnected. The fuel enters the top of the tanks through a submerged fill pipe. Each tank is equipped with a pressure vent valve to minimize emissions. The gasoline storage tank is equipped with a Stage I vapor recovery system (vapor balance) as required by 30 TAC 115.221-115.229.

## 2.12 COLD SOLVENT CLEANERS

The facility operates a number of cold solvent cleaners that were constructed under 30 TAC 106.454. These units are used to clean cutting oils, metal particles and other contaminants from the surface of a variety of parts. In addition to meeting the construction requirements of 30 TAC 106.454, each of the units meets the requirements of 30 TAC 115.412 for cold solvent cleaners. The units are not subject to 40 CFR 63, Subpart T since the solvents are not halogenated.

## 2.13 BOILERS

Plant 1 uses a large number of boilers for process heating, steam pressing, and comfort heating. All boilers and process heaters are fired with sweet natural gas as stipulated in our NSR permit 18514. The boilers are not subject to NO<sub>x</sub> control requirements as specified in 30 TAC 117.203(a)(2) as Plant 1 is not a major source for NO<sub>x</sub>; any new or modified boilers/process heaters are required to have Low NO<sub>x</sub> burners installed prior to coming online at the Plant 1 facility. All boilers, direct fired and indirect fired process heaters at the Plant 1 facility are authorized per 30 TAC 106.183 and all boiler and indirect fired process heaters are subject to the Boiler MACT 40 CFR 63.7480-63.7575 DDDDD. EPN's NUNIVBLR and SUNIVBLR are



also subject to NSPS Dc as they have a firing rate above 10 MMBTU/hr and were installed after 1989.

#### 2.14 WASTEWATER TREATMENT PLANT

The wastewater treatment plant is designed to treat waste from the etch process lines and is authorized under 30 TAC 106.532. The waste treatment plant is designed to remove solids, metals and adjust pH before discharging to the publicly owned treatment works. The facility SIC Code is 3721 and therefore the treatment plant is not subject to the requirements of 30 TAC 115.140 - 115.149 since the facility is not included in the affected SIC Codes and the plant does not contain any dissolved VOC in the wastewater.

#### 2.15 NAPHTHA FLUSHING

Plant 1 conducts naphtha flushing operations as part of the repair and overhaul process for transmissions and transmission assemblies prior to paint. The operation is conducted in an enclosed flushing booth using room temperature naphtha solvent. The solvent is sprayed onto the part to remove grit, soils, oils, and metal shavings; the solvent is then continuously filtered and recycled for reuse in the flushing process. The part is left to drip dry in the booth and then it is sent to prep for paint. This process is compliant with 40 CFR 63.744(d).

#### 2.16 EMERGENCY DIESEL ENGINES

Plant 1 utilizes several manufacturing and data security processes that are so critical to the operations of the facility that they are protected from brown and blackout through emergency power generation. Bell Plant 1 currently utilizes six CI emergency engines to power critical processes in case of a power outage. These engines use on-road ultra-low sulfur diesel and run only in emergency situations and for planned engine maintenance. These engines must meet both the initial notification requirements in 40 CFR 63.9(b)(2)(i) through (v) per 40 CFR 63.6645(f) concerning NESHAP ZZZZ and the emissions standards set out in 40 CFR 60.4205(a) & 60.4202(a)(2); all engines meet the model year tier compliance requirements. These engines are exempt from 30 TAC 117 per 30 TAC 117.2103(5) or 117.2103(9)(A)&(B), depending on the model year of construction.

### **3.0 REGULATORY REQUIREMENTS SUMMARY**

This section addresses applicability of state and federal air quality requirements to the emission sources at the BELL, Plant 1 facility. Only those regulations that meet the definition of applicable requirement under 30 TAC 122.10(2) are discussed.

#### **3.1 CHAPTER 101 GENERAL RULES**

##### **§101.2(.) & (b) Multiple Air Contaminant Sources or Property**

(a) A conservative, preliminary air quality analysis was performed as part of a recent NSR permit application process. Relevant determinations made from this analysis, including a comparison of the predicted emission concentration to the TCEQ Effects Screening Levels and TCEQ Regulation Standards, were reviewed. No exceedance of ambient air quality standards established by the TCEQ was indicated.

(b) BELL does not intend to petition the TCEQ to have its property designated as a single property with any other property for the purposes of demonstrating compliance with TCEQ regulations and the control of air emissions.

##### **§101.3 Circumvention**

BELL intends to operate the facilities covered by this application according to the representations made in this application.

##### **§101.4 Nuisance**

The air pollution control measures and operational procedures employed by BELL will be adequate to ensure that no nuisance conditions associated with the facilities covered under this application. If compliance with 30 TAC §101A so requires, BELL will amend the permit to control nuisance-causing emissions either through process controls or additional emission controls.

##### **§101.5 Traffic Hazard**

The air pollution control measures and operational procedures employed by BELL will be adequate to ensure no traffic hazards associated with the facilities covered under this application.

#### §101.8 Sampling

Upon request by the TCEQ, BELL will conduct sampling of air contaminants and report testing results promptly to TCEQ.

#### §101.9 Sampling Ports

If sampling is requested by the TCEQ, BELL will install sampling ports and facilities, including safe and easy access to these facilities.

#### §101 .10 Emissions Inventory Requirements

BELL is currently submitting emission inventory reports and will continue to do so.

#### §101.13 Use and Effect of Rules

No response required.

#### §101.14 Sampling Procedures and Terminology

If sampling is requested by the TCEQ, BELL will use those procedures for sampling and measuring air contaminants and the methods of expressing the findings which are commonly accepted and used in the field of air pollution control.

#### §101.18 - §101.19 Remedies and Severability

No response required.

#### §101.20 Compliance with Environmental Protection Agency Standards

Compliance with applicable EPA standards is discussed on Form OP-REQ 3.

#### §101 .21 The National Primary and Secondary Ambient Air Quality Standards

Compliance with NAAQS will be provided in the air quality analysis and will be provided upon request.

#### §101.22 Effective Date

No response required.

#### §101.23 Alternate Emission Reduction Policy

No response required.

#### §101.24 Inspection Fees

BELL will comply with the requirements of §101.24, as appropriate.

#### §101.26 Surcharge on Fuel Oil in Specified Boilers

There are no industrial or utility boilers that use fuel oil at the facilities described in this permit application. Therefore, the requirements of §101.26 do not apply.

#### §101.27 Emissions Fees

BELL will comply with the requirements of §101.27, as appropriate.

#### §101.28 Stringency Determinations for Federal Operating Permits

BELL Plant 1 is currently operating under a valid major source operating permit under 30 TAC Chapter 122 as discussed below. BHTI will not be requesting a stringency determination.

#### §101.30 Conformity of General Federal Actions to State Implementation Plans

Because BELL is not a department, agency, or instrumentality of the federal government, this rule does not apply.

#### §101.201 Emissions Event Reporting and Recordkeeping Requirements

BELL will promptly notify the TCEQ of any reportable emissions event as required by this rule. In addition, notifications and records of emissions will be maintained as required.

#### §101.211 Scheduled Maintenance, Startup and Shutdown Reporting and Record keeping Requirements

BELL will notify the TCEQ at least 10 days in advance (or as soon as practicable) of any planned maintenance, start-up, or shutdown that may cause excessive emissions which contravene the intent of the Texas Clean Air act. In addition, notifications and records of maintenance emissions will be maintained as required.

#### §101.221 -101.224 Operational Requirements, Demonstrations, and Actions to Reduce Excessive Emissions

BELL will maintain all emission capture and control equipment in good operating condition, minimize emissions events, and submit a corrective action plan if required by the executive director. In addition, BELL is not seeking any temporary exemptions during drought conditions because none of the emission controls at the facility currently covered by this permit application use water as part of an emission control system or technique.

#### §101.231 - 101.233 Variances

No response required.

#### §101.300 - 101.385 Emissions Banking and Trading

BELL is not banking or trading any allowances or discrete emission reduction credits and the facility is not located in the Houston/Galveston non-attainment area. Therefore, the Mass Emissions Cap and Trade program does not apply. In addition, BELL is not an electric utility, and therefore the System Cap Trading program does not apply.

### 3.2 CHAPTER 111 CONTROL OF AIR POLLUTION FROM VISIBLE EMISSIONS AND PARTICULATE MATTER

#### §111.111 Requirements for Specified Sources

Visible emissions from all stationary vents at the Plant 1 site must meet the 20% opacity requirement in §111.111(a)(1)(B). All of the Plant 1 stacks have a flow rate of less than 100,000 cfm and are therefore not subject to the 15% opacity limitation of §111.111(a)(1)(C).

Paragraphs 111.111(a)(2) through 111.111(a)(4) and §111.111(a)(6) do not apply, as there are no steam generators fired by solid fossil fuel or steam generators that cannot comply with the opacity or particulate matter limitations nor are there any catalyst regenerators, gas streams containing condensed water vapor, gas flares, motor vehicles, railroad locomotives or ships associated with this application. However, the requirements of §111.111(a)(5), §111.111(a)(7) and §111.111(a)(8), concerning visible emissions from motor vehicles, buildings and other sources, do apply (30 percent opacity limit).

The requirements of 111.111(c) do not apply, as the facility is not located in the City of El Paso.

#### §111.113 Alternate Opacity Limitations

The facilities described in this application will meet §111.111(a)(1)(A) and (B). Therefore, §111.113 does not apply.

#### §111.121 - §111.129 Incineration

There are no incinerators associated with this application. Therefore, the requirements in §111.121 through §111.129 do not apply.

#### §111.131 - §111.139 Abrasive Blasting of Water Storage Tanks

There are no operations involving abrasive blasting of water storage tanks associated with this application. Therefore, the requirements of §111.131 through §111.139 do not apply.

#### §111.141 - §111.149 Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots

There are no materials handling, construction or demolition operations in the areas described in §111.141 associated with this application. Therefore, the requirements of §111.141 through §111.149 do not apply.

#### §111.151 Allowable Emission Limits

Particulate matter stack emission rates from the affected facilities will be within the limits specified in §111.151(a) and Table 1 of Regulation I. In addition, the standard effective stack heights for the emission sources are equal to or in excess of the stack height requirements specified in §111.151(b) and Table 2. Therefore, particulate matter standards will not be exceeded.

#### §111.153 Emissions Limits for Steam Generators

There are no solid fossil fuel-fired steam generators or oil or gas fired steam generators with a heat input greater than 2500 MMBTu/hr at the Plant 1 site. Therefore, §111.153 does not apply.

#### §111.155 Ground Level Concentrations

The off-property ambient PM concentration limits of this rule apply throughout Texas and therefore apply to Plant 1. However, the ground level concentration limits of 30 TAC 111.155 are not applicable requirements under 30 TAC 122.

#### §111.171 - §111.173 Emissions Limits on Agricultural Processes

There are no agricultural processes associated with this application. Therefore, the requirements of §111.171 through §111.173 do not apply.

#### §111.175 Exemptions

BELL's facilities are not affected by §3.10(e) of the Texas Clean Air Act. Therefore, §111.175 does not apply.

#### §111.181 - §111.183 Exemptions for Portable or Transient Operations

There are no portable or transient operations engaged in public works projects associated with this application. Therefore, §111.181 through §111.183 do not apply.

#### §111.201 - §111.221 Outdoor Burning

BELL does not conduct any outdoor burning at Plant 1. Therefore, the requirements of §111.201 through §111.221 do not apply.

### 3.3 CHAPTER 112 CONTROL OF AIR POLLUTION FROM SULFUR COMPOUNDS

#### §112.2 Compliance, Reporting, and Recordkeeping

Since Plant 1 is subject to this statewide rule, sampling will be conducted upon request using Method 6, 6A, or 6C as described in 40 *CFR* Part 60, Appendix A and the records of SO<sub>2</sub> emissions data, fuel sampling data, or sampling data of fuel oil used as raw material.

#### §112.3 Net Ground Level Concentrations

The emissions from the Plant 1 will comply with the SO<sub>2</sub> ground level concentration limits. However, net ground level concentrations are not an applicable requirement under the Texas Federal Operating Permit program.

#### §112.4 Net Ground Level Concentration - Exemption Conditions

Net ground level concentrations are not an applicable requirement under the Texas Federal Operating Permit program.

#### §112.5 - §112.14 Allowable Emission Rates

This facility does not include a sulfuric acid plant, sulfur recovery plant, solid fossil fuel fired steam generator or non ferrous smelter. In addition, liquid fuels will not be fired at this facility such that the in stack concentration of SO<sub>2</sub> will exceed 440 ppm. Therefore, §112.5 - §112.14 do not apply.

#### §112.15 - §112.21 Temporary Fuel Shortage Plans

BELL does not intend to file a temporary fuel shortage plan, therefore, §112.15 - §112.21 do not apply.

#### §112.31 - §112.34 Control of Hydrogen Sulfide

Net ground level concentrations are not an applicable requirement under the Texas Federal Operating Permit program.



§112.41 - §112.47 Control of Sulfuric Acid

Net ground level concentrations are not an applicable requirement under the Texas Federal Operating Permit program. In addition, no sulfuric acid plants will be located at this facility, therefore, §112.45 and §112.47 do not apply.

§112.51 - §112.59 Control of Total Reduced Sulfur

There will be no kraft pulp mills located at this facility. Therefore, §112.51 - §112.59 do not apply.

3.4 CHAPTER 113 CONTROL OF AIR POLLUTION FROM TOXIC MATERIALS

§113.100 - §113.670 National Emission Standards for Hazardous Air Pollutants for Source Categories

**Subchapter B- NESHAPs (Part 61)**

The proposed project does not meet the applicability criteria for any of the Part 61 NESHAPs.

**Subchapter C- NESHAPs (Part 63)**

The facilities described in this application are potentially subject to the following NESHAP:

<b><u>40 CFR 63 Subpart</u></b>	<b><u>Subpart Title</u></b>
40 CFR 63 Subpart T	Halogenated Solvent Cleaning
40 CFR 63 Subpart Q	Industrial Process Cooling Towers
40 CFR 63 Subpart GG	Aerospace Manufacturing and Rework Facilities
40 CFR Subpart DDDDD	Industrial, Commercial, and Institutional Boilers
40 CFR 63 Subpart GGGGG	Site Remediation
40 CFR 63 Subpart ZZZZ	Emergency and Stationary RICE

The applicability of each of these subparts is discussed individually below.

#### 40 CFR 63 Subpart T Halogenated Solvent Cleaning

The facility operates a number of batch cold solvent cleaning machines that utilize non-halogenated cleaning solvent. Therefore, Subpart T does not apply.

#### 40 CFR 63 Subpart Q Industrial Process Cooling Towers

Plant 1 utilizes several closed loop non-contact cooling towers that are used as heat exchangers for certain process heaters and facility chilled water. The requirements of Subpart Q do not apply to this facility since no chromium-based water treatment chemicals were in use on or after 8 September 1994.

#### 40 CFR 63 Subpart GG Aerospace Manufacturing and Rework Facilities

Plant 1 is subject to Subpart GG since the facility is a major source of HAPs and conducts primer and topcoat operations, hand wipe cleaning, spray gun cleaning, and flush cleaning on a variety of aerospace parts. Operations that are excluded from this subpart as noted in 40 CFR 63.741(f) have not been included in this permit application.

#### 40 CFR 63 Subpart DDDDD

Plant 1 is subject to Subpart DDDDD as effective on January 31, 2013 since the facility is a major source of HAPs and has multiple sources that qualify as existing commercial boilers. The units designated EPN NUNIVBLR, EPN SUNIVBLR, will be required to meet the five-year Tune-Up work practice standard as the units are equipped with an oxygen trimming system as described in 40 CFR 63.7540 and Plant 1 must undergo a one-time Energy Assessment as described by 40 CFR 63 DDDDD Table 3. All of the other boilers and process heaters at Plant 1 will only require a tune-up every five years or every two years depending on their firing rates per 40 CFR 63.7500(e) in addition to meeting the required work practice standards. We will also be required to keep the applicable records and submit the applicable reports and notifications. The facility is continuing to comply with these requirements.

#### 40 CFR 63 Subpart GGGGG Site Remediation

Plant 1 is not subject to Subpart GGGGG; though the facility is a major source of HAPs it does not conduct site remediation activities, at this time. Plant 1 is exempted from all requirements of this subpart as remediation activities are not currently underway.

#### 40 CFR 63 Subpart ZZZZ Emergency and Stationary RICE

Plant 1 is only required to submit initial notifications for any new engines under this subpart as long as they are used in an emergency only role.

### **Subchapter D- Designated Facilities and Pollutants**

The proposed modification does not meet the applicability criteria of this section.

### **Subchapter E- Consolidated Federal Rules: SOCMI**

The proposed modification does not meet the applicability criteria of this section.

## 3.5 CHAPTER 114 CONTROL OF AIR POLLUTION FROM MOTOR VEHICLES

There are no motor vehicles associated with this permit application. However, all vehicles owned and used by BELL for the facilities described in this application will comply with §114.1 through §114.21, as applicable.

## 3.6 CHAPTER 115 CONTROL OF AIR POLLUTION FROM VOLATILE ORGANIC COMPOUNDS

For the sources associated with the facility covered by this application the following Chapter 115 sections are potentially applicable:

### **30 TAC 115. Subchapter B: General Volatile Organic Compound Sources - Storage of Volatile Organic Compounds**

#### **§115.112 Control Requirements**

All of the fixed roof storage tanks are exempt from 30 TAC 115.112 either due to size or the vapor pressure of the contents.

#### **§115.113 Alternate Control Requirements**

BELL does not intend to request the use of alternate emission controls, or alternate methods of demonstrating or documenting continuous compliance with the applicable control requirements.

#### **§115.114 Inspection Requirements**

None of the storage tanks associated with this application are equipped with either an internal or external floating roof. Therefore, the inspection requirements of §115.114 do not apply.

#### **§115.115 Approved Test Methods**

No response required.

#### **§115.116 Monitoring and Recordkeeping Requirements**

BELL uses no add-on controls to meet the requirements of 30 TAC 115.112. Therefore, the monitoring requirements do not apply.

#### **§115.117 Exemptions**

No response required.

#### **§115.119 Counties and Compliance Schedule**

No response required.

### **30 TAC 115. Subchapter B: General Volatile Organic Compound Sources - Vent Gas Control**

There are a number of uncontrolled sources (no bakeries) at the facility which are potentially subject to the requirements of §115.121 and the control requirements of §115.122. However, all

sources are exempt from the control requirements of §115.122 since the requirements of §115.127(a)(2)(A) and or (B) are met as follows:

(A) a vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds (45.4 kg) in any continuous 24-hour period;

(B) a vent gas stream specified in §115.121(a)(1) of this title with a concentration of VOC less than 0.009 pounds per square inch absolute (psia) true partial pressure (612 parts per million (ppm));

These vents are also subject to the monitoring and recordkeeping requirements of 30 TAC 115.126(a)(2) and/or (3).

### **30 TAC 115. Subchapter C: Volatile Organic Compound Transfer Operations - Loading and Unloading of Volatile Organic Compounds**

#### **§115.211 Emission Specifications**

Plant 1 does not include a gasoline terminal or gasoline bulk plant. Therefore, the requirements of this section do not apply.

#### **§115.212 Control Requirements**

The liquid unloading operations are not subject to the requirements of §115.212 since the conditions of §115.217(a)(1) and (2) are met.

#### **§115.213 Alternate Control Requirements**

BELL does not intend to request the use of alternate emission controls, or alternate methods of demonstrating or documenting continuous compliance with the applicable control requirements.

#### **§115.214 Inspection Requirements**

During each transfer operation BELL is subject to the inspection requirements for visible liquid leaks, visible fumes, or significant odors and the shutdown requirements when a leak is observed. In addition, all transport vessels have been leak tested within one year of the commencement of the unloading operations.

§115.215      Approved Test Methods

No response required.

§115.216      Monitoring and Recordkeeping Requirements

BELL is not subject to the daily recordkeeping requirements of the throughput of VOC unloaded at the facility since the facility is exempt from the Control requirements of §115.212(a).

§115.117      Exemptions

No response required.

§115.119      Counties and Compliance Schedule

No response required.

**30 TAC 115. Subchapter E: Solvent Using Processes - Degreasing Processes**

§115.412      Control Requirements

The BELL facility is located in Tarrant County and the emission control requirements of §115.412(2) apply to the open top cold solvent degreasers covered by this permit revision application since VOCs are used as the degreasing solvent.

However, the control requirements of §115.412(1) apply to the cold cleaners located at Plant 1 except for §115.412(1)(B) according to §115.417(1).

Plant 1 does not utilize any remote reservoir cleaners at this time.

§115.413      Alternate Control Requirements

BELL does not intend to request the use of alternate emission controls.

§115.415      Approved Test Methods

No response required.

§115.416 Recordkeeping Requirements

The recordkeeping requirements of §115.416 do not apply to cold cleaners or remote reservoir cleaners.

§115.417 Exemptions

No response required.

§115.419 Counties and Compliance Schedule

No response required.

**30 TAC 115. Subchapter E: Solvent Using Processes - Surface Coating Processes**

§115.421 Emission Specifications

The BELL facility is located in Tarrant County and the coating VOC content limits in 30 TAC 115.421(b)(A)(11) apply. BELL will meet the emission limits for primers, topcoats, and specialty coatings as delivered to the application system for aerospace coatings.

§115.422 Control Requirements

The requirements of §115.422 do not apply to Plant 1 operations since BELL does not operate a body shop, a wood furniture manufacturing facility, or a ship building or ship repair facility.

§115.423 Alternate Control Requirements

BELL does not intend to request the use of alternate emission controls.

§115.424 Inspection Requirements

No response required.

§115.425 Testing Requirements

No response required.

#### §115.426 Monitoring and Recordkeeping Requirements

BELL is subject to the recordkeeping requirements of §115.426 concerning maintenance of material safety data sheets, the quantity and type of coating applied, the quantity of solvent consumed. Records are retained for a two-year period as required by §115.426(a)(1)(D). The remaining requirements do not apply since Plant 1 does not operate a vapor recovery system and is not required to perform capture efficiency testing.

#### §115.427 Exemptions

No response required.

#### §115.429 Counties and Compliance Schedule

No response required.

### 3.7 CHAPTER 117 CONTROL OF AIR POLLUTION FROM NITROGEN COMPOUNDS

The facilities operated by BELL are located in the Dallas/Fort Worth ozone non-attainment area. Plant 1 does not operate any electric utility generators, acid manufacturing plants, or gas fired steam generators. The emission limitations for commercial, institutional and industrial sources do not apply to the BELL boilers since Bell Plant 1 is a minor source for NOx.

The emission limitations for commercial, institutional and industrial sources do not apply to the BELL emergency generator engines since the requirements of 30 TAC 117.2103(5) & 30 TAC 117.2103(9)(A)&(B) are met.

### 3.8 CHAPTER 116 CONTROL OF AIR POLLUTION FOR NEW CONSTRUCTION OR MODIFICATION

This revision application does not address any new construction.

### 3.9 CHAPTER 118 CONTROL OF AIR POLLUTION EPISODES

Should the Executive Director of the TCEQ determine a Level I air pollution episode exists for Tarrant County, BELL, in accordance with 30 TAC §118.2(a), will determine existing emissions levels for contaminants involved in the episode, implement reasonably available methods to



reduce emissions, and prepare to curtail all affected emissions sources in anticipation of a Level 2 episode.

### 3.10 CHAPTER 122 FEDERAL OPERATING PERMITS

BELL has applied for and received a federal major source operating permit. BELL is in compliance with federal operating permit requirements.

### 3.11 40 CFR 60 NEW SOURCE PERFORMANCE STANDARDS

The facilities described in this application are potentially subject to the following New Source Performance Standards:

<b><u>40 CFR 60 Subpart</u></b>	<b><u>Subpart Title</u></b>
Subpart Dc	Small Industrial, Commercial, Institutional Steam Generating Units

The applicability of this subpart is discussed below.

Subpart Dc    Small Industrial, Commercial, Institutional Steam Generating Units

This subpart does apply to boilers EPN NUNIVBLR and EPN SUNIVBLR at Plant 1 since they were constructed after June 9, 1989.

## FIGURES

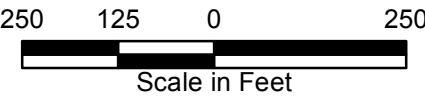




Path: R:\BellHelicopter\73239\_SiteWideModeling\GISDataFilesArcDocs\Bell\_HelicopterSourceLocations.mxd jdringman 8/22/2013  
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● SourceLocations





## FORMS

**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 (Page 1)  
Texas Commission on Environmental Quality**

Please print or type all information. Direct any questions regarding this application form to the Air Permits Division at (512) 239-1250 or to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division (MC 163), P.O. Box 13087, Austin, Texas 78711-3087.

<b>I. Company Identifying Information</b>
A. Company Name: Bell Textron Inc.
B. Customer Reference Number (CN): CN 600131155
C. Submittal Date (mm/dd/yyyy): 9/9/2024
<b>II. Site Information</b>
A. Site Name: Bell Textron Plant 1
B. Regulated Entity Reference Number (RN): RN TA0054T
C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A
D. Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>
<input checked="" type="checkbox"/> VOC <input type="checkbox"/> NO <sub>x</sub> <input type="checkbox"/> SO <sub>2</sub> <input type="checkbox"/> PM <sub>10</sub> <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> HAPS
Other:
E. Is the site a non-major source subject to the Federal Operating Permit Program? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
F. Is the site within a local program area jurisdiction? <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>
G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: N/A
<b>III. Permit Type</b>
A. Type of Permit Requested: <i>(Select only one response)</i>
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)

**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 (Page 2)  
Texas Commission on Environmental Quality**

<b>IV. Initial Application Information</b> <i>(Complete for Initial Issuance Applications Only.)</i>	
<b>A.</b> Is this submittal an abbreviated or a full application?	<input type="checkbox"/> Abbreviated <input type="checkbox"/> Full
<b>B.</b> If this is a full application, is the submittal a follow-up to an abbreviated application?	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>C.</b> If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit?	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>D.</b> Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.)	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>E.</b> Has the required Public Involvement Plan been included with this application?	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>V. Confidential Information</b>	
<b>A.</b> Is confidential information submitted in conjunction with this application?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>VI. Responsible Official (RO) Identifying Information</b>	
RO Name Prefix: ( <input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.)	
RO Full Name: Marlene Meadows	
RO Title: VP Quality & EHS	
Employer Name: Bell Textron Inc.	
Mailing Address: 3255 Bell Flight Blvd.	
City: Ft. Worth	
State: Texas	
ZIP Code: 76118	
Territory: N/A	
Country: USA	
Foreign Postal Code: N/A	
Internal Mail Code: 1809	
Telephone No.: (817) 280-2349	
Fax No.: 817-278-2349	
Email: mmeadows@bellflight.com	

**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 (Page 3)  
Texas Commission on Environmental Quality**

<b>VII. Technical Contact Identifying Information</b> <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: Sam Sutton
Technical Contact Title: Sr. EHS Specialist
Employer Name: Bell Textron Inc.
Mailing Address: 3255 Bell Flight Blvd.
City: Ft. Worth
State: Texas
ZIP Code: 76118
Territory: N/A
Country: USA
Foreign Postal Code: N/A
Internal Mail Code: 1809
Telephone No.: (817) 280-1254
Fax No.: (817) 278-1254
Email: ssutton@bellflight.com
<b>VIII. Reference Only Requirements</b> <i>(For reference only.)</i>
A. State Senator: Kelly Hancock
B. State Representative: Tony Tinderholt
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</span>
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>
E. Indicate the alternate language(s) in which public notice is required: Spanish



**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 (Page 4)  
Texas Commission on Environmental Quality**

<b>IX. Off-Site Permit Request</b> <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
A. Office/Facility Name: N/A
B. Physical Address: N/A
City: N/A
State: N/A
ZIP Code:
Territory: N/A
Country: N/A
Foreign Postal Code: N/A
C. Physical Location: N/A
D. Contact Name Prefix: ( <input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name: N/A
E. Telephone No.:
<b>X. Application Area Information</b>
A. Area Name: Bell Textron Plant 1
B. Physical Address: 3255 Bell Flight Blvd.
City: Ft. Worth
State: Texas
ZIP Code: 76118
C. Physical Location: See Physical Address
D. Nearest City: Hurst
E. State: Texas
F. ZIP Code: 76118

**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 (Page 5)  
Texas Commission on Environmental Quality**

<b>X. Application Area Information (continued)</b>
<b>G.</b> Latitude (nearest second): 32 48 23
<b>H.</b> Longitude (nearest second): 97 09 36
<b>I.</b> Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
<b>J.</b> Indicate the estimated number of emission units in the application area: 80
<b>K.</b> Are there any emission units in the application area subject to the Acid Rain Program? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
<b>XI. Public Notice</b> (Complete this section for SOP Applications and Acid Rain Permit Applications only.)
<b>A.</b> Name of a public place to view application and draft permit: TCEQ Region IV Office
<b>B.</b> Physical Address: 2309 Gravel Dr
City: Ft. Worth
ZIP Code: 76118
<b>C.</b> Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
Contact Person Full Name: Sam Sutton
Contact Mailing Address: 3255 Bell Flight Blvd.
City: Ft. Worth
State: Texas
ZIP Code: 76118
Territory: N/A
Country: USA
Foreign Postal Code: N/A
Internal Mail Code: 1809
Telephone No.: 817-280-1254

**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 (Page 6)  
Texas Commission on Environmental Quality**

<b>XII. Delinquent Fees and Penalties</b>
<b>Notice:</b> This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol."
<b>Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.</b>
<b>XIII. Designated Representative (DR) Identifying Information</b>
DR Name Prefix: ( <input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
DR Full Name:
DR Title:
Employer Name:
Mailing Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.:
Fax No.:
Email:

**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 (Page 7)  
Texas Commission on Environmental Quality**

**Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.**

**XIV. Alternate Designated Representative (ADR) Identifying Information**

ADR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)

ADR Full Name:

ADR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 1  
Texas Commission on Environmental Quality**

Date: 09/09/2024	
Permit No.: O-01631	
Regulated Entity No.: 100222488	
Company Name: Bell Textron Inc.	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA? <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>	
<b>I. Application Type</b>	
Indicate the type of application:	
<input checked="" type="checkbox"/> Renewal	
<input type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
<input type="checkbox"/> Significant Revision	
<input type="checkbox"/> Revision Requesting Prior Approval	
<input type="checkbox"/> Administrative Revision	
<input type="checkbox"/> Response to Reopening	
<b>II. Qualification Statement</b>	
For SOP Revisions Only <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>	
For GOP Revisions Only <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>	

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 1 (continued)  
Texas Commission on Environmental Quality**

**III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)**

Indicate all pollutants for which the site is a major source based on the site's potential to emit:  
(Check the appropriate box[es].)

☒ VOC      ☐ NO<sub>x</sub>      ☐ SO<sub>2</sub>      ☐ PM<sub>10</sub>      ☐ CO      ☐ Pb      ☐ HAP

Other:

**IV. Reference Only Requirements (For reference only)**

Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? ☒ YES ☐ NO ☐ N/A

**V. Delinquent Fees and Penalties**

Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 2  
Texas Commission on Environmental Quality**

Date: 09/25/2024
Permit No.: O-01631
Regulated Entity No.: 100222488
Company Name: Bell Textron Inc.

Using the table below, provide a description of the revision.

Revision No.	Revision Code		Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
N/A			N/A	N/A	N/A	No Additions or changes added during this Renewal

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 3  
Texas Commission on Environmental Quality**

Date: 09/09/2024	
Permit No.: O-01631	
Regulated Entity No.: 100222488	
Company Name: Bell Textron Inc.	
<b>I. Significant Revision</b> <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i>	
A. Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Indicate the alternate language(s) in which public notice is required: Spanish	
C. Will, there be a change in air pollutant emissions as a result of the significant revision?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



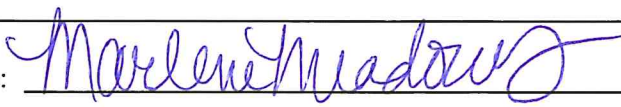
**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 3  
Texas Commission on Environmental Quality**

Using the table below, indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:

Pollutant	Description of the Change in Pollutant Emissions

**Form OP-CRO1**  
**Certification by Responsible Official**  
**Federal Operating Permit Program**

All initial permit application, revision, renewal, and reopening submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

<b>I. Identifying Information</b>					
RN: 100222488		CN: 600131155		Account No.: TA0054T	
Permit No.: O-01631			Project No.:		
Area Name: Bell Plant 1			Company Name: Bell Textron Inc.		
<b>II. Certification Type</b> <i>(Please mark the appropriate box)</i>					
<input checked="" type="checkbox"/> Responsible Official			<input type="checkbox"/> Duly Authorized Representative		
<b>III. Submittal Type</b> <i>(Please mark the appropriate box) (Only one response can be accepted per form)</i>					
<input type="checkbox"/> SOP/TOP Initial Permit Application		<input type="checkbox"/> Update to Permit Application			
<input type="checkbox"/> GOP Initial Permit Application		<input checked="" type="checkbox"/> Permit Revision, Renewal, or Reopening			
<input type="checkbox"/> Other: _____					
<b>IV. Certification of Truth</b>					
<p><b>This certification does not extend to information which is designated by the TCEQ as information for reference only.</b></p> <p>I, <u>Marlene Meadows</u> certify that I am the <u>RO</u>  <i>(Certifier Name printed or typed)</i> <span style="float: right;"><i>(RO or DAR)</i></span></p> <p>and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:</p> <p><i>Note: Enter Either a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i></p> <p>Time Period: From _____ to _____  <span style="margin-left: 150px;"><i>Start Date</i></span> <span style="margin-left: 150px;"><i>End Date</i></span></p> <p>Specific Dates: <u>09/09/2024</u></p> <div style="display: flex; justify-content: space-between; width: 80%; margin-left: 0;"> <span><i>Date 1</i></span> <span><i>Date 2</i></span> <span><i>Date 3</i></span> <span><i>Date 4</i></span> <span><i>Date 5</i></span> <span><i>Date 6</i></span> </div>					
Signature: <u></u>			Signature Date: <u>09/09/2024</u>		
Title: <u>VP Quality &amp; EHS</u>					

**Texas Commission on Environmental Quality  
Federal Operating Permit Program  
Individual Unit Summary for Revisions  
Form OP-SUMR**

**Table 1**

Date	Permit No.	Regulated Entity No.
09/09/2024	O-01631	100222488

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
N/A	N/A	N/A	N/A	N/A	N/A	N/A	No changes for this renewal

**Texas Commission on Environmental Quality  
Federal Operating Permit Program  
Individual Unit Summary for Revisions  
Form OP-SUMR**

[Table 2](#)

Date	Permit No.	Regulated Entity No.

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.

**Texas Commission on Environmental Quality  
Federal Operating Permit Program  
Individual Unit Summary for Revisions  
Form OP-SUMR**

**Table 3: Acid Rain, Cross-State Air Pollution Rule (CSAPR), and Texas SO<sub>2</sub> Trading Program**

Date	Permit No.	Regulated Entity No.

Unit ID No.	Applicable Form	COR Unit ID No.	Acid Rain	ARP Status	CSAPR	CSAPR Monitoring	Texas SO <sub>2</sub>	Texas SO <sub>2</sub> Monitoring	COR

**Texas Commission on Environmental Quality**  
**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1**  
**Federal Operating Permit Program**

Date:	09/09/2024
Permit No.:	O-01631
RN No.:	100222488

*For SOP applications, answer ALL questions unless otherwise directed.*

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

<b>Form OP-REQ1: Page 1</b>		
<b>I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter</b>		
<b>A. Visible Emissions</b>		
◆	1. The application area includes stationary vents constructed on or before January 31, 1972.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The application area includes stationary vents constructed after January 31, 1972. <i>If the responses to Questions I.A.1 and I.A.2 are both "NO," go to Question I.A.6.</i> <i>If the response to Question I.A.1 is "NO" and the response to Question I.A.2 is "YES," go to Question I.A.4.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. All stationary vents are addressed on a unit specific basis.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	6. The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	8. Emissions from units in the application area include contributions from uncombined water.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	9. The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

**Texas Commission on Environmental Quality**  
**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1**  
**Federal Operating Permit Program**

Date:	09/09/2024
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RN No.:	100222488

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<b>Form OP-REQ1: Page 2</b>	
<b>I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)</b>	
<b>B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots</b>	
1. Items a - d determines applicability of any of these requirements based on geographical location.	
◆ a. The application area is located within the City of El Paso.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ b. The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ c. The application area is located in the portion of Harris County inside the loop formed by Beltway 8.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ d. The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<i>If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO," go to Section I.C.</i>	
2. Items a - d determine the specific applicability of these requirements.	
◆ a. The application area is subject to 30 TAC § 111.143.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ b. The application area is subject to 30 TAC § 111.145.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ c. The application area is subject to 30 TAC § 111.147.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ d. The application area is subject to 30 TAC § 111.149.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>C. Emissions Limits on Nonagricultural Processes</b>	
◆ 1. The application area includes a nonagricultural process subject to 30 TAC § 111.151.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements. <i>If the response to Question I.C.2 is "NO," go to Question I.C.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. All vents from nonagricultural process in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

**Texas Commission on Environmental Quality**  
**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1**  
**Federal Operating Permit Program**

Date:	09/09/2024
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RN No.:	100222488

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<b>Form OP-REQ1: Page 3</b>	
<b>I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)</b>	
<b>C. Emissions Limits on Nonagricultural Processes (continued)</b>	
4. The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.5 is "NO," go to Question I.C.7.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
6. All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
8. The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.8 is "NO," go to Section I.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
9. All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>D. Emissions Limits on Agricultural Processes</b>	
1. The application area includes agricultural processes subject to 30 TAC § 111.171.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>E. Outdoor Burning</b>	
◆ 1. Outdoor burning is conducted in the application area. <i>If the response to Question I.E.1 is "NO," go to Section II.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209.	<input type="checkbox"/> YES <input type="checkbox"/> NO



**Texas Commission on Environmental Quality**  
**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1**  
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RN No.:	100222488

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<b>Form OP-REQ1: Page 4</b>	
<b>I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)</b>	
<b>E. Outdoor Burning (continued)</b>	
◆	5. Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>II. Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds</b>	
<b>A. Temporary Fuel Shortage Plan Requirements</b>	
	1. The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds</b>	
<b>A. Applicability</b>	
◆	1. The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10. <i>See instructions for inclusive counties. If the response to Question III.A.1 is "NO," go to Section IV.</i>
	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>B. Storage of Volatile Organic Compounds</b>	
◆	1. The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere.
	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

**Texas Commission on Environmental Quality**  
**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1**  
**Federal Operating Permit Program**

Date:	09/09/2024
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RN No.:	100222488

*For SOP applications, answer ALL questions unless otherwise directed.*

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<b>Form OP-REQ1: Page 5</b>	
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>	
<b>C. Industrial Wastewater</b>	
1. The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140. <i>If the response to Question III.C.1 is "NO" or "N/A," go to Section III.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area. <i>If the response to Question III.C.2 is "YES" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater). <i>If the response to Question III.C.3 is "YES," go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons). <i>If the response to Question III.C.4 is "YES," go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2).	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4).	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>D. Loading and Unloading of VOCs</b>	
◆ 1. The application area includes VOC loading operations.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area includes VOC transport vessel unloading operations. <i>For GOP applications, if the responses to Questions III.D.1 - D.2 are "NO," go to Section III.E.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

**Texas Commission on Environmental Quality**  
**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1**  
**Federal Operating Permit Program**

Date:	09/09/2024
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*For SOP applications, answer ALL questions unless otherwise directed.*

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<b>Form OP-REQ1: Page 6</b>	
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>	
<b>D. Loading and Unloading of VOCs (continued)</b>	
◆ 3. Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities</b>	
◆ 1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container. <i>If the response to Question III.E.1 is "NO," go to Section III.F.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 3. All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent. <i>If the response to Question III.E.2 and/or E.3 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 4. The application area is located in a covered attainment county as defined in 30 TAC § 115.10. <i>If the response to Question III.E.4 is "NO," go to Question III.E.9.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 5. Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. At facilities located in covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014. <i>If the response to Question III.E.7 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

**Texas Commission on Environmental Quality**  
**Application Area-Wide Applicability Determinations and General Information**  
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<b>Form OP-REQ1: Page 7</b>		
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>		
<b>E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)</b>		
◆	8. At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004. <i>If the response to Question III.E.8 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	11. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	12. At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)</b>		
◆	1. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A

**Texas Commission on Environmental Quality**  
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<b>Form OP-REQ1: Page 8</b>	
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>	
<b>F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)</b>	
◆ 2. Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 3. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
<b>G. Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities</b>	
◆ 1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks. <i>If the response to Question III.G.1 is "NO" or "N/A," go to Section III.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 3. The application area includes facilities that began construction prior to November 15, 1992. <i>If the responses to Questions III.G.2 and Question III.G.3 are both "NO," go to Section III.H.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 5. The decommissioning of all Stage II vapor recovery control equipment located in the application area has been completed and the decommissioning notice submitted.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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<b>Form OP-REQ1: Page 9</b>	
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>	
<b>H. Control Of Reid Vapor Pressure (RVP) of Gasoline</b>	
◆ 1. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County. <i>If the response to Question III.H.1 is "NO" or "N/A," go to Section III.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 2. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes a motor vehicle fuel dispensing facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>I. Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries</b>	
1. The application area is located at a petroleum refinery.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>J. Surface Coating Processes (Complete this section for GOP applications only.)</b>	
◆ 1. Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(3)(A) or 115.427(7) are performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A

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<b>Form OP-REQ1: Page 10</b>	
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>	
<b>K. Cutback Asphalt</b>	
1. Conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots, is used or specified for use in the application area by a state, municipal, or county agency. <i>If the response to Question III.K.1 is "N/A," go to Section III.L.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
2. The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
3. Asphalt emulsion is used or produced within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is using an alternate control requirement as specified in 30 TAC § 115.513. <i>If the response to Question III.K.4 is "NO," go to Section III.L.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The applicant using cutback asphalt is a state, municipal, or county agency.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels</b>	
◆ 1. The application area includes degassing operations for stationary, marine, and/or transport vessels. <i>If the response to Question III.L.1 is "NO" or "N/A," go to Section III.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 2. Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area. <i>If the response to Question III.L.2 is "YES," go to Section III.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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<b>Form OP-REQ1: Page 11</b>		
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>		
<b>L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)</b>		
◆	3. Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	4. Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	5. Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	7. Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure $\geq$ 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
<b>M. Petroleum Dry Cleaning Systems</b>		
	1. The application area contains one or more petroleum dry cleaning facilities that use petroleum based solvents.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A



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<b>Form OP-REQ1: Page 12</b>	
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>	
<b>N. Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC))</b>	
1. The application area includes one or more vent gas streams containing HRVOC.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
2. The application area includes one or more flares that emit or have the potential to emit HRVOC. <i>If the responses to Questions III.N.1 and III.N.2 are both "NO" or "N/A," go to Section III.O. If the response to Question III.N.1 is "YES," continue with Question III.N.3.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
3. All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times. <i>If the responses to Questions III.N.3 and III.N.4 are both "NO," go to Section III.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area contains pressure relief valves that are not controlled by a flare.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area has at least one vent stream which has no potential to emit HRVOC.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>O. Cooling Tower Heat Exchange Systems (HRVOC)</b>	
1. The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A

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<b>Form OP-REQ1: Page 13</b>	
<b>IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds</b>	
<b>A. Applicability</b>	
◆ 1. The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area. <i>For SOP applications, if the response to Question IV.A.1 is "YES," complete Sections IV.B - IV.F and IV.H.</i> <i>For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "YES," go to Section IV.F.</i> <i>For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES," complete Sections IV.C and IV.F.</i> <i>For GOP applications, if the response to Question IV.A.1 is "NO," go to Section VI.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln. <i>If the response to Question IV.A.2 is "YES," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes a utility electric generator in an east or central Texas county. <i>See instructions for a list of counties included.</i> <i>If the response to Question IV.A.3 is "YES," go to Question IV.G.1.</i> <i>If the responses to Questions IV.A.1 - 3 are all "NO," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>B. Utility Electric Generation in Ozone Nonattainment Areas</b>	
1. The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300. <i>If the response to Question IV.B.1 is "NO," go to Question IV.C.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 14</b>	
<b>IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)</b>	
<b>C. Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas</b>	
◆ 1. The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400. <i>For SOP applications, if the response to Question IV.C.1 is "NO," go to Question IV.D.1. For GOP applications for GOP 517, if the response to Question IV.C.1 is "NO," go to Section IV.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area is located at a site that was a major source of NO <sub>x</sub> before November 15, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 3. The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>D. Adipic Acid Manufacturing</b>	
1. The application area is located at, or part of, an adipic acid production unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<b>E. Nitric Acid Manufacturing - Ozone Nonattainment Areas</b>	
1. The application area is located at, or part of, a nitric acid production unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<b>F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines</b>	
◆ 1. The application area is located at a site that is a minor source of NO <sub>x</sub> in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County). <i>For SOP applications, if the response to Question IV.F.1 is "NO," go to Question IV.G.1. For GOP applications, if the response to Question IV.F.1 is "NO," go to Section VI.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 3. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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<b>Form OP-REQ1: Page 15</b>		
<b>IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)</b>		
<b>F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)</b>		
◆	4. The application area is located in the Dallas/Fort Worth Eight-Hour area (except for Wise County) and has units that qualify for an exemption under 30 TAC § 117.2103.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	6. The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC § 117.2025 or 30 TAC § 117.2125. <i>If the response to Question IV.F.6 is "NO," go to Section IV.G.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	7. An ACSS for carbon monoxide (CO) has been approved?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	8. An ACSS for ammonia (NH <sub>3</sub> ) has been approved?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	9. Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below.  N/A	
<b>G. Utility Electric Generation in East and Central Texas</b>		
	1. The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995. <i>If the response to Question IV.G.1 is "NO," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	2. The application area is complying with the System Cap in 30 TAC § 117.3020.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>H. Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters</b>		
	1. The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less. <i>If the response to question IV.H.1 is "NO," go to Section V.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	2. All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products</b>	
<b>A. Subpart B - National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings</b>	
1. The application area manufactures automobile refinishing coatings or coating components and sells or distributes these coatings or coating components in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area imports automobile refinishing coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States. <i>If the responses to Questions V.A.1 and V.A.2 are both "NO," go to Section V.B.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. All automobile refinishing coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>B. Subpart C - National Volatile Organic Compound Emission Standards for Consumer Products</b>	
1. The application area manufactures consumer products for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is a distributor of consumer products whose name appears on the label of one or more of the products. <i>If the responses to Questions V.B.1 - V.B.3 are all "NO," go to Section V.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products (continued)</b>	
<b>C. Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings</b>	
1. The application area manufactures or imports architectural coatings for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. <i>If the responses to Questions V.C.1-2 are both "NO," go to Section V.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5).	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>D. Subpart E - National Volatile Organic Compound Emission Standards for Aerosol Coatings</b>	
1. The application area manufactures or imports aerosol coating products for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is a distributor of aerosol coatings for resale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>E. Subpart F - Control of Evaporative Emissions From New and In-Use Portable Fuel Containers</b>	
1. The application area manufactures or imports portable fuel containers for sale or distribution in the United States. <i>If the response to Question V.E.1 is "NO," go to Section VI.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards</b>	
<b>A. Applicability</b>	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts. <i>If the response to Question VI.A.1 is "NO," go to Section VII.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>	
<b>B. Subpart Y - Standards of Performance for Coal Preparation and Processing Plants</b>	
1. The application area is located at a coal preparation and processing plant. <i>If the response to Question VI.B.1 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). <i>If the response to Question VI.B.2 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. <i>If the response to Question VI.B.3 is "YES," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The plant contains an open storage pile, as defined in § 60.251, as an affected facility. <i>If the response to Question VI.B.4 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The open storage pile was constructed, reconstructed or modified after May 27, 2009.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)</b>	
◆ 1. The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired. <i>If the response to Question VI.C.1 is "NO" or "N/A," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 2. One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005. <i>If the response to Question VI.C.2 is "NO," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>	
<b>C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)</b>	
◆ 5. One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>D. Subpart XX - Standards of Performance for Bulk Gasoline Terminals</b>	
1. The application area includes bulk gasoline terminal loading racks. <i>If the response to Question VI.D.1 is "NO," go to Section VI.E.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO<sub>2</sub>) Emissions</b>	
◆ 1. The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). <i>For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011. <i>For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD. <i>For SOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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<b>Form OP-REQ1: Page 20</b>	
<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>	
<b>E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO<sub>2</sub>) Emissions (continued)</b>	
◆ 4. Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD.  <i>For SOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 5. Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below.	
<b>F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants</b>	
1. The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant.  <i>If the response to Question VI.F.1 is "NO," go to Section VI.G.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems</b>	
1. The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987.  <i>If the response to Question VI.G.1 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes storm water sewer systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 21</b>	
<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>	
<b>G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)</b>	
3. The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes non-contact cooling water systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes individual drain systems. <i>If the response to Question VI.G.5 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes completely closed drain systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004</b>	
◆ 1. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "NO," go to Question VI.H.4.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 2. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.H.4 is "NO," go to Section VI.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 22</b>	
<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>	
<b>H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004 (continued)</b>	
◆ 5. The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. <i>If the response to Question VI.H.5 is "NO," go to Question VI.H.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 8. All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001</b>	
◆ 1. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "NO," go to Question VI.I.4.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 2. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 23</b>		
<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>		
<b>I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)</b>		
◆	3. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.I.4 is "NO," go to Section VI.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001. <i>If the response to Question VI.I.5 is "NO," go to VI.I.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 24</b>	
<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>	
<b>J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006</b>	
◆ 1. The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.J.1 is "N/A," go to Section VI.K. If the response to Question VI.J.1 is "NO," go to Question VI.J.4.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 2. The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.J.4 is "NO," go to Section VI.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 5. The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006. <i>If the response to Question VI.J.5 is "NO," go to Question VI.J.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 25</b>	
<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)</b>	
<b>J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)</b>	
◆ 8. All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 9. The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 10. The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>K. Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution</b>	
◆ 1. The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants</b>	
<b>A. Applicability</b>	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts. <i>If the response to Question VII.A.1 is "NO" or "N/A," go to Section VIII.</i>	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<b>B. Subpart F - National Emission Standard for Vinyl Chloride</b>	
1. The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride.	YES <input type="checkbox"/> NO
<b>C. Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks Emission Sources) of Benzene (Complete this section for GOP applications only)</b>	
◆ 1. The application area includes equipment in benzene service.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>D. Subpart L - National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants</b>	
1. The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b). <i>If the response to Question VII.D.1 is "NO," go to Section VII.E.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>E. Subpart M - National Emission Standard for Asbestos</b>	
<b><i>Applicability</i></b>	
1. The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155. <i>If the response to Question VII.E.1 is "NO," go to Section VII.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b><i>Roadway Construction</i></b>	
2. The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b><i>Manufacturing Commercial Asbestos</i></b>	
3. The application area includes a manufacturing operation using commercial asbestos. <i>If the response to Question VII.E.3 is "NO," go to Question VII.E.4.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Visible emissions are discharged to outside air from the manufacturing operation	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 27</b>	
<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>E. Subpart M - National Emission Standard for Asbestos (continued)</b>	
<b><i>Manufacturing Commercial Asbestos (continued)</i></b>	
c. Asbestos-containing waste material is processed into non-friable forms.	YES <input type="checkbox"/> NO <input type="checkbox"/>
d. Asbestos-containing waste material is adequately wetted.	YES <input type="checkbox"/> NO <input type="checkbox"/>
e. Alternative filtering equipment is being used that has received EPA approval.	YES <input type="checkbox"/> NO <input type="checkbox"/>
f. A high efficiency particulate air (HEPA) filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles	YES <input type="checkbox"/> NO <input type="checkbox"/>
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	YES <input type="checkbox"/> NO <input type="checkbox"/>
<b><i>Asbestos Spray Application</i></b>	
4. The application area includes operations in which asbestos-containing materials are spray applied. <i>If the response to Question VII.E.4 is "NO," go to Question VII.E.5.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying. <i>If the response to Question VII.E.4.a is "YES," go to Question VII.E.5.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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<b>Form OP-REQ1: Page 28</b>	
<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>E. Subpart M - National Emission Standard for Asbestos (continued)</b>	
<b><i>Asbestos Spray Application (continued)</i></b>	
d. Asbestos-containing waste material is processed into non-friable forms.	YES <input type="checkbox"/> NO <input type="checkbox"/>
e. Asbestos-containing waste material is adequately wetted.	YES <input type="checkbox"/> NO <input type="checkbox"/>
f. Alternative filtering equipment is being used that has received EPA approval.	YES <input type="checkbox"/> NO <input type="checkbox"/>
g. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	YES <input type="checkbox"/> NO <input type="checkbox"/>
h. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	YES <input type="checkbox"/> NO <input type="checkbox"/>
<b><i>Fabricating Commercial Asbestos</i></b>	
5. The application area includes a fabricating operation using commercial asbestos. <i>If the response to Question VII.E.5 is "NO," go to Question VII.E.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Visible emissions are discharged to outside air from the manufacturing operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
d. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>E. Subpart M - National Emission Standard for Asbestos (continued)</b>	
<b><i>Fabricating Commercial Asbestos (continued)</i></b>	
f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	YES <input type="checkbox"/> NO <input type="checkbox"/>
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	YES <input type="checkbox"/> NO <input type="checkbox"/>
<b><i>Non-sprayed Asbestos Insulation</i></b>	
6. The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying.	YES <input type="checkbox"/> NO <input type="checkbox"/>
<b><i>Asbestos Conversion</i></b>	
7. The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>F. Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities</b>	
1. The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations</b>	
1. The application area is located at a benzene production facility and/or bulk terminal. <i>If the response to Question VII.G.1 is "NO," go to Section VII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes benzene transfer operations at marine vessel loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)</b>	
3. The application area includes benzene transfer operations at railcar loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes benzene transfer operations at tank-truck loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>H. Subpart FF - National Emission Standard for Benzene Waste Operations</b>	
<b>Applicability</b>	
1. The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341.	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b). <i>If the responses to Questions VII.H.1 and VII.H.2 are both "NO," go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates. <i>If the response to Question VII.H.3 is "YES," go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagram per year (Mg/yr). <i>If the response to Question VII.H.4 is "YES," go to Section VIII</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr. <i>If the response to Question VII.H.5 is "YES," go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)</b>	
<b>Applicability (continued)</b>	
6. The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has waste streams with flow-weighted annual average water content of 10% or greater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Waste Stream Exemptions</b>	
8. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw).	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area transfers waste off-site for treatment by another facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area is complying with 40 CFR § 61.342(d).	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area is complying with 40 CFR § 61.342(e). <i>If the response to Question VII.H.13 is "NO," go to Question VII.H.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area has facility waste with a flow weighted annual average water content of less than 10%.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 32</b>	
<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)</b>	
<b>Container Requirements</b>	
15. The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste. <i>If the response to Question VII.H.15 is "NO," go to Question VII.H.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VII.H.16 is "YES," go to Question VII.H.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Individual Drain Systems</b>	
18. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste. <i>If the response to Question VII.H.18 is "NO," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VII.H.19 is "YES," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VII.H.20 is "NO," go to Question VII.H.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 33</b>	
<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)</b>	
<i>Individual Drain Systems (continued)</i>	
22. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VII.H.22 is "NO," go to Question VII.H.25.</i>	YES <input type="checkbox"/> NO <input type="checkbox"/>
23. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	YES <input type="checkbox"/> NO <input type="checkbox"/>
24. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	YES <input type="checkbox"/> NO <input type="checkbox"/>
<i>Remediation Activities</i>	
25. Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.	YES <input type="checkbox"/> NO <input type="checkbox"/>
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories</b>	
<b>A. Applicability</b>	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63. <i>See instructions for 40 CFR Part 63 subparts made applicable only by reference.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry</b>	
1. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.B.1 is "NO," go to Section VIII.D.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 34</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)</b>	
<p>2. The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii).</p> <p><i>If the response to Question VIII.B.2 is "NO," go to Section VIII.D.</i></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<p>3. The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>4. The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>5. The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does <u>not</u> use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.</p> <p><i>If the response to Questions VIII.B.3, B.4 and B.5 are all "NO," go to Section VIII.D.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 35</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater</b>	
<b>Applicability</b>	
1. The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F. <i>If the response to Question VIII.C.1 is "NO," go to Section VIII.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148. <i>If the response to Question VIII.C.3 is "NO," go to Question VIII.C.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes vapor collection systems or closed-vent systems that are constructed of hard-piping.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere. <i>If the response to Question VIII.C.5 is "NO," go to Question VIII.C.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Vapor Collection and Closed Vent Systems</b>	
6. Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. Bypass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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<b>Form OP-REQ1: Page 36</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)</b>	
<b><i>Reloading or Cleaning of Railcars, Tank Trucks, or Barges</i></b>	
8. The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank. <i>If the response to Question VIII.C.8 is "NO," go to Question VIII.C.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b><i>Transfer Racks</i></b>	
11. The application area includes Group 1 transfer racks that load organic HAPs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b><i>Process Wastewater Streams</i></b>	
12. The application area includes process wastewater streams. <i>If the response to Question VIII.C.12 is "NO," go to Question VIII.C.34.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. <i>If the response to Question VIII.C.13 is "NO," go to Question VIII.C.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. <i>If the response to Question VIII.C.15 is "NO," go to Question VIII.C.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 37</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)</b>	
<b><i>Process Wastewater Streams (continued)</i></b>	
16. The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272. <i>If the response to Question VIII.C.17 is "NO," go to Question VIII.C.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. The application area includes process wastewater streams, located at existing sources that are Group 2.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)</b>	
<b>Process Wastewater Streams (continued)</b>	
24. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.24 is "YES," go to Question VIII.C.34.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
25. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.25 is "NO," go to Question VIII.C.27.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
27. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
28. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.C.27 - VIII.C.28 are both "NO," go to Question VIII.C.30.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
29. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
30. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)</b>	
<b><i>Drains</i></b>	
31. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.C.31 is "NO," go to Question VIII.C.34.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
32. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
33. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
34. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.C.34 is "NO," go to Question VIII.C.39.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
35. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.C.35 is "NO," go to Question VIII.C.39.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
36. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 40</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>C. Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)</b>	
<b>Drains (continued)</b>	
37. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
38. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(l)(1) or (l)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Gas Streams</b>	
39. The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant.	<input type="checkbox"/> YES <input type="checkbox"/> NO
40. The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5).	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>D. Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks</b>	
1. The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>E. Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities</b>	
1. The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials. <i>If the response to Question VIII.E.1 is "NO," go to Section VIII.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O. <i>If the response to Question VIII.E.2 is "NO," go to Section VIII.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>F. Subpart Q - National Emission Standards for Industrial Process Cooling Towers</b>	
1. The application area includes industrial process cooling towers. <i>If the response to Question VIII.F.1 is "NO," go to Section VIII.G.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Chromium-based water treatment chemicals have been used on or after September 8, 1994.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)</b>	
1. The application area includes a bulk gasoline terminal.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes a pipeline breakout station. <i>If the responses to Questions VIII.G.1 and VIII.G.2 are both "NO," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station. <i>If the response to Question VIII.G.3 is "YES," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)</b>	
4. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs. <i>If the response to Question VIII.G.4 is "YES," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station. <i>If the response to Question VIII.G.5 is "NO," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep). <i>If the response to Question VIII.G.6 is "NO," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. Emissions screening factor less than 0.5 (ET or EP < 0.5). <i>If the response to Question VIII.G.7 is "YES," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0). <i>If the response to Question VIII.G.8 is "YES," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0). <i>If the response to Question VIII.G.9 is "YES," go to Question VIII.G.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The site at which the application area is located is a major source of HAP. <i>If the response to Question VIII.G.10 is "NO," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 43</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry</b>	
1. The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2. <i>If the response to Question VIII.H.1 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3). <i>If the response to Question VIII.H.2 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources. <i>If the response to Question VIII.H.3 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes one or more kraft pulping systems that are existing sources.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24. <i>If the response to Question VIII.H.6 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO



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<b>Form OP-REQ1: Page 44</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>I. Subpart T - National Emission Standards for Halogenated Solvent Cleaning</b>	
1. The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins</b>	
1. The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units. <i>If the response to Question VIII.J.1 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U. <i>If the response to Question VIII.J.2 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)</b>	
5. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.5 is "YES," go to Question VIII.J.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.6 is "NO," go to Question VIII.J.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.J.8 - VIII.J.9 are both "NO," go to Question VIII.J.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 46</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)</b>	
<b>Containers</b>	
11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Drains</b>	
12. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.J.12 is "NO," go to Question VIII.J.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit. <i>If the response to Question VIII.J.15 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12). <i>If the response to Question VIII.J.16 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 47</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)</b>	
<b>Drains (continued)</b>	
17. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>K. Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production</b>	
1. The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area. <i>If the response to Question VIII.K.1 is "NO" or "N/A," go to Section VIII.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes a BLR and/or WSR research and development facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>L. Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting</b>	
1. The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter. <i>If the response to Question VIII.L.1 is "NO" or "N/A," go to Section VIII.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>M. Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations</b>	
1. The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries</b>	
<b>Applicability</b>	
1. The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7). <i>If the response to Question VIII.N.1 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7). <i>If the response to Question VIII.N.2 is "YES," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)</b>	
<b>Applicability (continued)</b>	
3. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.N.3 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC. <i>If the response to Question VIII.N.4 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. <i>If the response to Question VIII.N.7 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)</b>	
<b>Applicability (continued)</b>	
9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Containers, Drains, and other Appurtenances</b>	
11. The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations</b>	
1. The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). <i>If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)</b>	
4. The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10).	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a “state” or “municipality.”	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The predominant activity in the application area is the treatment of wastewater received from off-site.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6).	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners).	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year. <i>If the response to Question VIII.O.10 is “YES,” go to Section VIII.P.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)</b>	
11. The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater. <i>If the response to Question VIII.O.11 is "NO," go to Question VIII.O.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. VOHAP concentration is determined by direct measurement.	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. VOHAP concentration is based on knowledge of the off-site material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system. <i>If the response to Question VIII.O.14 is "NO," go to Question VIII.O.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight.	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes containers that manage non-exempt off-site material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes individual drain systems that manage non-exempt off-site materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>P. Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities</b>	
1. The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. <i>If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>Q. Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.</b>	
◆ 1. The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user. <i>For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.R.</i> <i>For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 3. The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. <i>For SOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.R.</i> <i>For GOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area is located at a site that is a major source of HAP. <i>If the response to Question VIII.Q.4 is "NO," go to Question VIII.Q.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)</b>		
◆	<p>5. The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft<sup>3</sup>) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day.</p> <p><i>For SOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.R.</i></p> <p><i>For GOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.Z.</i></p> <p><i>For all applications, if the response to Question VIII.Q.5 is "NO," go to Question VIII.Q.9.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>6. The application area includes a triethylene glycol (TEG) dehydration unit.</p> <p><i>For SOP applications, if the answer to Question VIII.Q.6 is "NO," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "NO," go to Section VIII.Z.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>7. The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>8. The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>9. Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii).</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>R. Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)</b>	
1. The application area includes shipbuilding or ship repair operations. <i>If the response to Question VIII.R.1 is "NO," go to Section VIII.S.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>S. Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations</b>	
1. The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations. <i>If the response to Question VIII.S.1 is "NO" or "N/A," go to Section VIII.T.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>T. Subpart KK - National Emission Standards for the Printing and Publishing Industry</b>	
1. The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<b>U. Subpart PP - National Emission Standards for Containers</b>	
1. The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions. <i>If the response to Question VIII.U.1 is "NO," go to Section VIII.V.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes containers using Container Level 1 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes containers using Container Level 2 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 56</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>U. Subpart PP - National Emission Standards for Containers (continued)</b>	
4. The application area includes containers using Container Level 3 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>V. Subpart RR - National Emission Standards for Individual Drain Systems</b>	
1. The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards</b>	
1. The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process. <i>If the responses to Questions VIII.W.1 and VIII.W.2 are both "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.W.6 is "NO," go to Question VIII.W.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
7. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.W.8 and W.9 are both "NO," go to Question VIII.W.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.W.12 is "NO," go to Question VIII.W.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 58</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit. <i>If the response to Question VIII.W.15 is "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3). <i>If the response to Question VIII.W.16 is "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 59</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes an ethylene production process unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
21. The application area includes waste streams generated from an ethylene production process unit. <i>If the responses to Questions VIII.W.20 and VIII.W.21 are both "NO" or "N/A," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
22. The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1). <i>If the response to Question VIII.W.22 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. Waste stream(s) are transferred off-site for treatment. <i>If the response to Question VIII.W.23 is "NO," go to Question VIII.W.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. <i>If the response to Question VIII.W.24 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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<b>Form OP-REQ1: Page 60</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
25. The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR § 61.342(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b). <i>If the response to Question VIII.W.26 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
27. The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control. <i>If the response to Question VIII.W.27 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
28. The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s). <i>If the response to Question VIII.W.28 is "NO," go to Question VIII.W.33.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
29. The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
30. The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. <i>If the response to Question VIII.W.30 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
31. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 61</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
32. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. <i>If the response to Question VIII.W.32 is required, go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
33. The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream. <i>If the response to Question VIII.W.33 is "NO," go to Question VIII.W.36.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
34. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.34 is "YES," go to Question VIII.W.36.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
35. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
36. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream. <i>If the response to Question VIII.W.36 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
37. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.37 is "YES," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
38. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.38 is "NO," go to Question VIII.W.40.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
39. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
40. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.40 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
41. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
42. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
43. The application area has at least one waste stream that contains benzene. <i>If the response to Question VIII.W.43 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
44. The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene. <i>If the response to Question VIII.W.44 is "NO," go to Question VIII.W.47.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
45. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.45 is "YES," go to Question VIII.W.47.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
46. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
47. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene. <i>If the response to Question VIII.W.47 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
48. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.48 is "YES," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
49. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.49 is "NO," go to Question VIII.W.51.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
50. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
51. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.51 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
52. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 64</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
53. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
54. The application area contains a cyanide chemicals manufacturing process. <i>If the response to Question VIII.W.54 is "NO," go to Section VIII.X.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
55. The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins</b>	
1. The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ. <i>If the response to Question VIII.X.1 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units. <i>If the response to Question VIII.X.2 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. All process wastewater streams generated or managed in the application area are from sources producing polystyrene. <i>If the response to Question VIII.X.3 is "YES," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. <i>If the response to Question VIII.X.4 is "YES," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)</b>	
5. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.X.8 is "YES," go to Question VIII.X.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.X.9 is "NO," go to Question VIII.X.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.X.11 - VIII.X.12 are both "NO," go to Question VIII.X.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)</b>	
13. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Containers</b>	
14. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Drains</b>	
15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.X.15 is "NO," go to Question VIII.X.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an thermoplastic product process unit. <i>If the response to Question VIII.X.18 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)</b>	
<b><i>Drains (continued)</i></b>	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). <i>If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute	<input type="checkbox"/> YES <input type="checkbox"/> NO



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<b>Form OP-REQ1: Page 68</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>Y. Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.</b>	
1. The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>Z. Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.</b>	
◆ 1. The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)</b>	
1. The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP. <i>If the response to Question VIII.AA.1, AA.2 or AA.3 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF. <i>If the response to Question VIII.AA.4 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)</b>	
5. The application area includes process wastewater streams. <i>If the response to Question VIII.AA.5 is "NO," go to Question VIII.AA.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.8 is "YES," go to Section VIII.AA.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.9 is "NO," go to Question VIII.AA.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)</b>	
13. Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). <i>If the response to Question VIII.AA.13 is "NO," go to Question VIII.AA.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected.	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite. <i>If the response to Question VIII.AA.15 is "NO," go to Question VIII.AA.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.AA.19 is "NO," go to Question VIII.AA.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)</b>	
21. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.AA.22 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.AA.23 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
25. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 72</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)</b>	
<b>BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.</b>	
1. The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation</b>	
1. The application area includes a facility at which a site remediation is conducted. <i>If the answer to Question VIII.CC.1 is "NO," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a site that is a major source of HAP. <i>If the answer to Question VIII.CC.2 is "NO," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. All site remediation's qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). <i>If the answer to Question VIII.CC.3 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. <i>If the answer to Question VIII.CC.4 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The site remediation will be completed within 30 consecutive calendar days.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. No site remediation will exceed 30 consecutive calendar days. <i>If the answer to Question VIII.CC.6 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. <i>If the answer to Question VIII.CC.8 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 73</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)</b>	
9. The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. <i>If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area includes containers with a capacity greater than 0.46 m <sup>3</sup> that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities</b>	
1. The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions. <i>If the response to Question VIII.DD.1 is "NO," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The EAF steelmaking facility is a research and development facility. <i>If the response to Question VIII.DD.2 is "YES," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. Metallic scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. Scrap containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. Scrap not containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 74</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities</b>	
1. The application area is located at a site that is an area source of HAPs. <i>If the answer to Question EE.1 is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. <i>If the answer to Question VIII.EE.4 is "NO," go to Question VIII.EE.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC. <i>If the answer to Question VIII.EE.6 is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The bulk gasoline terminal has throughput of less than 250,000 gallons per day. <i>If the answer to Question VIII.EE.7 is "YES," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The bulk gasoline terminal loads gasoline into railcar cargo tanks. <i>If the answer to Question VIII.EE.9 is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 75</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)</b>	
11. The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>FF. Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities</b>	
◆ 1. The application area is located at a site that is an area source of hazardous air pollutants. <i>If the answer to Question VIII.FF.1 is "NO," go to Section VIII.GG.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. <i>If the answer to Question VIII.FF.2 is "NO," go to Section VIII.GG.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>GG. Recently Promulgated 40 CFR Part 63 Subparts</b>	
◆ 1. The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. <i>If the response to Question VIII.GG.1 is "NO," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	



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<b>IX. Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions</b>	
<b>A. Applicability</b>	
◆ 1. The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone</b>	
<b>A. Subpart A - Production and Consumption Controls</b>	
◆ 1. The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<b>B. Subpart B - Servicing of Motor Vehicle Air Conditioners</b>	
◆ 1. Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>C. Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances</b>	
◆ 1. The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<b>D. Subpart D - Federal Procurement</b>	
◆ 1. The application area is owned/operated by a department, agency, or instrumentality of the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<b>E. Subpart E - The Labeling of Products Using Ozone Depleting Substances</b>	
◆ 1. The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 3. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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<b>X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)</b>	
<b>F. Subpart F - Recycling and Emissions Reduction</b>	
◆ 1. Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 3. The application area manufactures appliances or refrigerant recycling and recovery equipment.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
<b>G. Subpart G - Significant New Alternatives Policy Program</b>	
◆ 1. The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound. <i>If the response to Question X.G.1 is "NO" or "N/A," go to Section X.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
<b>H. Subpart H -Halon Emissions Reduction</b>	
◆ 1. Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. Disposal of halons or manufacturing of halon blends is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<b>XI. Miscellaneous</b>	
<b>A. Requirements Reference Tables (RRT) and Flowcharts</b>	
1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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<b>Form OP-REQ1: Page 78</b>	
<b>XI. Miscellaneous (continued)</b>	
<b>B. Forms</b>	
◆ 1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <i>If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.	
<b>C. Emission Limitation Certifications</b>	
◆ 1. The application area includes units for which federally enforceable emission limitations have been established by certification.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements</b>	
1. The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. <i>If the response to Question XI.D.3 is "YES," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. <i>If the response to Question XI.D.4 is "YES," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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<b>Form OP-REQ1: Page 79</b>	
<b>XI. Miscellaneous (continued)</b>	
<b>E. Title IV - Acid Rain Program</b>	
1. The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>F. 40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO<sub>x</sub> Ozone Season Group 2 Trading Program</b>	
1. The application area includes emission units subject to the requirements of the CSAPR NO <sub>x</sub> Ozone Season Group 2 Trading Program. <i>If the response to Question XI.F.1 is "NO," go to Question XI.F.7.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO <sub>x</sub> and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO <sub>x</sub> , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for NO <sub>x</sub> , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for NO <sub>x</sub> and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for NO <sub>x</sub> and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes emission units that qualify for the CSAPR NO <sub>x</sub> Ozone Season Group 2 retired unit exemption.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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<b>Form OP-REQ1: Page 80</b>	
<b>XI. Miscellaneous (continued)</b>	
<b>G. 40 CFR Part 97, Subpart FFFFF - Texas SO<sub>2</sub> Trading Program</b>	
1. The application area includes emission units complying with the requirements of the Texas SO <sub>2</sub> Trading Program. <i>If the response to Question XI.G.1 is "NO," go to Question XI.G.6.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO <sub>2</sub> and 40 CFR Part 75, Subpart H for heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO <sub>2</sub> and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for SO <sub>2</sub> and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for SO <sub>2</sub> and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes emission units that qualify for the Texas SO <sub>2</sub> Trading Program retired unit exemption.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>H. Permit Shield (SOP Applicants Only)</b>	
1. A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 81</b>		
<b>XI. Miscellaneous (continued)</b>		
<b>I. GOP Type (Complete this section for GOP applications only)</b>		
◆	1. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, Waller, and Wise Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>J. Title 30 TAC Chapter 101, Subchapter H</b>		
◆	1. The application area is located in a nonattainment area. <i>If the response to Question XI.J.1 is "NO," go to question XI.J.3.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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<b>Form OP-REQ1: Page 82</b>		
<b>XI. Miscellaneous (continued)</b>		
<b>J. Title 30 TAC Chapter 101, Subchapter H (continued)</b>		
◆	4. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO <sub>x</sub> .	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	6. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	7. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>K. Periodic Monitoring</b>		
◆	1. The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The permit currently contains at least one periodic monitoring requirement. <i>If the responses to Questions XI.K.1 and XI.K.2 are both "NO," go to Section XI.L.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. All periodic monitoring requirements are being removed from the permit with this application.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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<b>Form OP-REQ1: Page 83</b>	
<b>XI. Miscellaneous (continued)</b>	
<b>L. Compliance Assurance Monitoring</b>	
◆ 1. The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. <i>If the response to Question XI.L.1 is "NO," go to Section XI.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. <i>If the response to Question XI.L.2 is "NO," go to Section XI.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application. <i>If the responses to Questions XI.L.3 and XI.L.4 are both "NO," go to Section XI.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below.	
◆ 7. At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 8. All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). <i>If the response to Question XI.L.8 is "YES," go to Section XI.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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<b>Form OP-REQ1: Page 84</b>		
<b>XI. Miscellaneous (continued)</b>		
<b>L. Compliance Assurance Monitoring (continued)</b>		
◆	9. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	11. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	12. The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>M. Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times</b>		
◆	1. The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004. <i>If the response to Question XI.M.1 is "NO," or "N/A," go to Section XII.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>XII. New Source Review (NSR) Authorizations</b>		
<b>A. Waste Permits with Air Addendum</b>		
◆	1. The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. <i>If the response to XII.A.1 is "YES," include the waste permit numbers and issuance date in Section XII.J.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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<b>Form OP-REQ1: Page 85</b>		
<b>XII. New Source Review (NSR) Authorizations (continued)</b>		
<b>B. Air Quality Standard Permits</b>		
◆	1. The application area includes at least one Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.1 is "NO," go to Section XII.C. If the response to XII.B.1 is "YES," be sure to include the standard permit's registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes at least one "Installation and/or Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization under 30 TAC § 116.620.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	8. The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 86</b>	
<b>XII. New Source Review (NSR) Authorizations (continued)</b>	
<b>B. Air Quality Standard Permits (continued)</b>	
◆ 11. The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 12. The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.12 is "NO," go to Question XII.B.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 13. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 14. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 15. The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 16. The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>C. Flexible Permits</b>	
1. The application area includes at least one Flexible Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>D. Multiple Plant Permits</b>	
1. The application area includes at least one Multi-Plant Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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<b>Form OP-REQ1: Page 87</b>			
<b>XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)</b>			
<b>E. PSD Permits and PSD Major Pollutants</b>			
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
<i>If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: <a href="http://www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html">www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html</a>.</i>			
<b>F. Nonattainment (NA) Permits and NA Major Pollutants</b>			
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
<i>If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: <a href="http://www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html">www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html</a>.</i>			
<b>G. NSR Authorizations with FCAA § 112(g) Requirements</b>			
NSR Permit No.: 18514	Issuance Date: 04/01/2024	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
<b>◆ H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area</b>			
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:

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<b>Form OP-REQ1: Page 88</b>	
<b>XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)</b>	
◆ <b>I. Permits by Rule (30 TAC Chapter 106) for the Application Area</b>	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 120317 (106.454)	Version No./Date: 11-1-2001
PBR No.: 106.432	Version No./Date: 9-4-2000
PBR No.: 106.433	Version No./Date: 9-4-2000
PBR No.: 106.375	Version No./Date: 9-4-2000
PBR No.: 106.261	Version No./Date: 11-1-2006
PBR No.: 106.262	Version No./Date: 11-1-2003
PBR No.: 106.265	Version No./Date: 9-4-2000
PBR No.: 106.263	Version No./Date: 11-1-2001
PBR No.: 106.227	Version No./Date: 9-4-2000
PBR No.: 106.451	Version No./Date: 9-4-2000
PBR No.: 106.452	Version No./Date: 9-4-2000
PBR No.: 106.454	Version No./Date: 11-1-2001
PBR No.: 106.432	Version No./Date: 9-4-2000
PBR No.: 106.371	Version No./Date: 9-4-2000
PBR No.: 106.373	Version No./Date: 9-4-2000
PBR No.: 106.511	Version No./Date: 9-4-2000
◆ <b>J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum</b>	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

*A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.*

PBR No.: 120317 (106.454)	Version No./Date: 11-1-2001
PBR No.: 106.432	Version No./Date: 9-4-2000
PBR No.: 106.433	Version No./Date: 9-4-2000
PBR No.: 106.375	Version No./Date: 9-4-2000
PBR No.: 106.261	Version No./Date: 11-1-2006
PBR No.: 106.262	Version No./Date: 11-1-2003
PBR No.: 106.265	Version No./Date: 9-4-2000
PBR No.: 106.263	Version No./Date: 11-1-2001
PBR No.: 106.227	Version No./Date: 9-4-2000
PBR No.: 106.451	Version No./Date: 9-4-2000
PBR No.: 106.452	Version No./Date: 9-4-2000
PBR No.: 106.454	Version No./Date: 11-1-2001
PBR No.: 106.432	Version No./Date: 9-4-2000
PBR No.: 106.371	Version No./Date: 9-4-2000
PBR No.: 106.373	Version No./Date: 9-4-2000
PBR No.: 106.511	Version No./Date: 9-4-2000
PBR No.: 106.532	Version No./Date: 9-4-2000
PBR No.: 106.472	Version No./Date: 9-4-2000
PBR No.: 106.473	Version No./Date: 9-4-2000
PBR No.: 106.412	Version No./Date: 9-4-2000
PBR No.: 106.183	Version No./Date: 9-4-2000
PBR No.: 106.392	Version No./Date: 9-4-2000

**Form OP-REQ2**  
**Negative Applicable/Superseded Requirement Determinations**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
9/09/2024	O-01631	10222488

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
N/A	N/A	N/A	N/A	N/A	N/A	No changes in emissions or sources for this renewal.

**Applicable Requirements Summary  
Form OP-REQ3 (Page 1)  
Federal Operating Permit Program**

**Table 1a: Additions**

<b>Date:</b> 9/09/2024	<b>Regulated Entity No.:</b> 100222488	<b>Permit No.:</b> O-01631
<b>Company Name:</b> Bell Textron Inc.	<b>Area Name:</b> Bell Plant 1	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
Bell is not claiming any additions or deletions for this permit renewal. - N/A						



**Texas Commission on Environmental Quality**  
**Form OP-ACPS**  
**Application Compliance Plan and Schedule**

<b>Date:</b> 09/09/2024	<b>Regulated Entity No.:</b> 100222488	<b>Permit No.:</b> O-01631
<b>Company Name:</b> Bell Textron Inc.		<b>Area Name:</b> Bell Plant 1

- Part 1 of this form must be submitted with all initial FOP applications and renewal applications.
- The Responsible Official must use Form OP-CRO1 (Certification by Responsible Official) to certify information contained in this form in accordance with 30 TAC § 122.132(d)(8).

**Part 1**

<b>A. Compliance Plan — Future Activity Committal Statement</b>	
<p>The <i>Responsible Official</i> commits, utilizing reasonable effort, to the following:          As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.</p>	
<b>B. Compliance Certification - Statement for Units in Compliance*</b> (Indicate response by entering an "X" in the appropriate column)	
1. With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. <i>(For reference only)</i>	0
<p>* For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status. For General Operating Permits (GOPs), the application documentation, particularly Form OP-REQ1 should be consulted as well as the requirements contained in the appropriate General Permits portion of 30 TAC Chapter 122.</p> <p>Compliance should be assessed based, at a minimum, on the required monitoring, testing, record keeping, and/or reporting requirements, as appropriate, associated with the applicable requirement in question.</p>	

**Texas Commission on Environmental Quality  
Form OP-ACPS  
Application Compliance Plan and Schedule**

<b>Date:</b> 09/09/2024	<b>Regulated Entity No.:</b> 100222488	<b>Permit No.:</b> O-01631
<b>Company Name:</b> Bell Textron Inc.		<b>Area Name:</b> Bell Plant 1

**Part 2**

<b>A. Compliance Schedule</b>		
<p>If there are non-compliance situations ongoing at time of application, then complete a separate OP-ACPS Part 2 for each separate non-compliance situation. <i>(See form instruction for details.)</i> If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.</p>		
<b>1. Specific Non-Compliance Situation</b>		
Unit/Group/Process ID No.(s):		
SOP Index No.:		
Pollutant:		
<b>Applicable Requirement</b>		
<b>Citation</b>	<b>Text Description</b>	
<b>2. Compliance Status Assessment Method and Records Location</b>		
<b>Citation</b>	<b>Text Description</b>	<b>Location of Records/Documentation</b>
<b>3. Non-compliance Situation Description</b>		
<b>4. Corrective Action Plan Description</b>		
<b>5. List of Activities/Milestones to Implement the Corrective Action Plan</b>		

**Texas Commission on Environmental Quality  
Form OP-ACPS  
Application Compliance Plan and Schedule**

<b>Date:</b> 09/09/2024	<b>Regulated Entity No.:</b> 100222488	<b>Permit No.:</b> O-01631
<b>Company Name:</b> Bell Textron Inc.		<b>Area Name:</b> Bell Plant 1

**Part 2 (continued)**

<b>6. Previously Submitted Compliance Plan(s)</b>	
<b>Type of Action</b>	<b>Date Submitted</b>
<b>7. Progress Report Submission Schedule</b>	

**Reset Form**

# Texas Commission on Environmental Quality

## Major NSR Summary Table

Permit Number: 18514			Issuance Date: 9-09-2024				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
K-1	Blade Paint Shop (6)	VOC	30.01	12.75	N/A	6C, 12F & 18	18
		Exempt VOC	23.2	12.07			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
K-1	NG fired AMU North	NOX	.17	.17	N/A	6C & 18	18
		SO2	<0.01	<0.01			
		TOC	.02	.02			
		CO	.14	.14			
		PM	.01	.01			
		PM10	.01	.01			
		PM2.5	.01	.01			
K-1	NG fired AMU South	NOX	.17	.17	N/A	6C & 18	18
		SO2	<0.01	<0.01			
		TOC	.02	.02			
		CO	.14	.14			
		PM	.01	.01			
		PM10	.01	.01			
		PM2.5	.01	.01			
K-1	NG fired Oven North	NOX	.12	.37	N/A	6C & 18	18
		SO2	<0.01	<0.01			
		TOC	.01	.04			
		CO	.1	.31			
		PM	.01	.03			
		PM10	.01	.03			
		PM2.5	.01	.03			
K-1	NG fired Oven South	NOX	.12	.37	N/A	6C & 18	18
		SO2	<0.01	<0.01			

**TCEQ-20648 (Revised 02/13) Major NSR Summary Table – Instructions**  
 This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (APDG 6193v1)

## Major NSR Summary Table – Instructions

Permit Number: 18514			Issuance Date: 9-09-2024				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
		TOC	.01	.04			
		CO	.1	.31			
		PM	.01	.03			
		PM10	.01	.03			
		PM2.5	.01	.03			
K-1	NG Blade Cure Oven	NOX	.12	.37	N/A	6C & 18	18
		SO2	<0.01	<0.01			
		TOC	.01	.04			
		CO	.1	.31			
		PM	.01	.03			
		PM10	.01	.03			
		PM2.5	.01	.03			
10	Final Blade Paint (6)	VOC	15.00	3.18	N/A	6C, 12F & 18	18
		Exempt VOC	13.2	1.27			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
		Pb	<0.01	<0.01			
BLDG 2FUG	Building Emissions (6)	VOC	16.81	5.48	N/A	6C & 18	18
		Exempt VOC	14.24	3.47			
23-2 & 23-3	Helo Paint Booths (6)	VOC	34.5	17.05	N/A	6C, 12F & 18	18
		Exempt VOC	15.00	5.17			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
		Pb	<0.01	<0.01			
		NOX	.6	.6			
		SO2	.04	.04			
		TOC	.07	.07			
		CO	.5	.5			
		PM (5)	.05	.05			
		PM10 (5)	.05	.05			
		PM2.5 (5)	.05	.05			

## Major NSR Summary Table – Instructions

Permit Number: 18514			Issuance Date: 9-09-2024				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
26	Tail Rotor Fin Paint (6)	VOC	12.2	2.33	N/A	6C, 12F & 18	18
		Exempt VOC	5.31	.71			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
		Pb	<0.01	<0.01			
97-010, 97-011, 97-012	Paint Kitchens (6)	VOC	3.32	.66	N/A	6C & 18	18
		Exempt VOC	1.14	.1			
BLDG30AMU2	Bldg 30 AMU's	NOX	2.06	3.01	N/A	6C & 18	18
		SO2	<0.01	.02			
		TOC	.08	.33			
		CO	.58	2.53			
		PM	.05	.23			
		PM10	.05	.23			
		PM2.5	.05	.23			
BLDG30AMU3	Bldg 30 AMU's	NOX	2.06	3.01	N/A	6C & 18	18
		SO2	<0.01	.02			
		TOC	.08	.33			
		CO	.58	2.53			
		PM	.05	.23			
		PM10	.05	.23			
		PM2.5	.05	.23			
BLDG30FUG	Building Emissions	VOC	16.85	2.96	N/A	18	18
		Exempt VOC	29.75	1.97			
36PNT1	AMU 1	NOX	.2	.87	N/A	6C & 18	18
		SO2	<0.01	<0.01			
		TOC	.02	.1			
		CO	.17	.73			
		PM	.02	.07			
		PM10	.02	.07			
		PM2.5	.02	.07			
36PNT2	AMU 2	NOX	.2	.87	N/A	6C & 18	18
		SO2	<0.01	<0.01			

TCEQ-20648 (APDG 6193v5, Revised 10/18) Major NSR Summary Table  
This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

## Major NSR Summary Table – Instructions

Permit Number: 18514			Issuance Date: 9-09-2024				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
		TOC	.02	.1			
		CO	.17	.73			
		PM	.02	.07			
		PM10	.02	.07			
		PM2.5	.02	.07			
36PNT3	Curing Oven 1 Process	VOC	4.34	1.84	N/A	6C & 18	18
		Exempt VOC	2.8	1.05			
36PNT4	Curing Oven 2 Process	VOC	4.34	1.84	N/A	6C & 18	18
		Exempt VOC	2.8	1.05			
36PNT5	Curing Oven 1 POC	NOX	.1	.43	N/A	6C & 18	18
		SO2	<0.01	<0.01			
		TOC	.01	.05			
		CO	.08	.36			
		PM	.01	.03			
		PM10	.01	.03			
		PM2.5	.01	.03			
36PNT6	Curing Oven 2 POC	NOX	.1	.43	N/A	6C & 18	18
		SO2	<0.01	<0.01			
		TOC	.01	.05			
		CO	.08	.36			
		PM	.01	.03			
		PM10	.01	.03			
		PM2.5	.01	.03			
36PNT7	Composite Paint (6)	VOC	24.7	6.62	N/A	6C, 12F & 18	18
		Exempt VOC	15.01	3.68			
		PM	.1	.01			
		PM10	.1	.01			
		PM2.5	.1	.01			
36PNT8	Wing Tip Booth (6)	VOC	2.62	0.71	N/A	6C, 12F & 18	18
		Exempt VOC	1.58	.39			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			

## Major NSR Summary Table – Instructions

Permit Number: 18514			Issuance Date: 9-09-2024				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
36PNTKIT1	Paint Kitchen (6)	VOC	.05	.02	N/A	6C & 18	18
		Exempt VOC	.01	<.01			
BLDG36FUG	Building Emissions (6)	VOC	17.7	3.94	N/A	6C & 18	18
		Exempt VOC	26.38	3.56			
BLDG25FUG	Building Emissions (6)	VOC	3.7	3.2	N/A	6C & 18	18
		Exempt VOC	4.1	.52			
14	Maint Paint Booth (6)	VOC	12.14	6.16	N/A	6C, 12H	18D
		Exempt VOC	1.76	.88			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
		Pb	<0.01	<0.01			
BLDG15FUG	Building Emissions (6)	VOC	2.21	1.72	N/A	6C & 18	18
		Exempt VOC	1.66	.19			
13	Tooling Paint Booth(6)	VOC	10.95	6.44	N/A	6C, 12H	18D
		Exempt VOC	3.22	.81			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
		Pb	<0.01	<0.01			
BLDG21FUG	Building Emissions (6)	VOC	4.76	2.7	N/A	6C & 18	18
		Exempt VOC	7.42	.57			
19-1	R&D Paint Booth (6)	VOC	9.66	1.41	N/A	6C, 12H	18D
		Exempt VOC	5.64	.4			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
		Pb	<0.01	<0.01			
		NOX	0.08	0.08			
		SO2	<0.01	<0.01			
		TOC	<0.01	0.01			
		CO	0.06	0.06			
		PM (5)	<0.01	<0.01			

TCEQ-20648 (APDG 6193v5, Revised 10/18) Major NSR Summary Table  
This form is for use by facilities subject to air quality permit requirements and may be revised periodically.



## Major NSR Summary Table – Instructions

Permit Number: 18514			Issuance Date: 9-09-2024				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
		PM10 (5)	<0.01	<0.01			
		PM2.5 (5)	<0.01	<0.01			
BLDG19FUG	Building Emissions (6)	VOC	9.49	0.95	N/A	6C & 18	18
		Exempt VOC	14.06	.67			
27PB1	Blade Paint Booth (6)	VOC	4.76	6.5	N/A	6C, 12F & 18	18
		Exempt VOC	3.78	5.23			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
27PB2	Transmission Paint (6)	VOC	11.00	9.59	N/A	6C, 12F & 18	18
		Exempt VOC	6.59	4.39			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
27PK1EXH	Paint Kitchen (6)	VOC	.04	.01	N/A	6C & 18	18
		Exempt VOC	.33	.05			
27OVEN1	Cure OVEN 1	VOC	2.37	2.5	N/A	6C & 18	18
		Exempt VOC	1.89	2.62			
27OVEN2	Cure OVEN 2	VOC	2.37	2.5	N/A	6C & 18	18
		Exempt VOC	1.89	2.62			
BLDG27FUG	Building Emissions	VOC	7.95	7.98	N/A	6C & 18	18
		Exempt VOC	6.59	5.27			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
56ADPB	Adhesive Prime Booth	VOC	10.00	11.96	N/A	6C, 12F & 18	18
		Exempt VOC	6.0	2.12			
		PM	0.1	0.1			
		PM10	0.1	0.1			
		PM2.5	0.1	0.1			

## Major NSR Summary Table – Instructions

[illegible]

## Major NSR Summary Table – Instructions

Permit Number: 18514			Issuance Date: 9-09-2024				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.

- Footnotes:
- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
  - (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
  - (3) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.  
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code (30 TAC)§ 101.1  
 NOx - total oxides of nitrogen  
 SO<sub>2</sub> - sulfur dioxide  
 PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>  
 PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>  
 PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter  
 CO - carbon monoxide  
 TOC total organic compounds from the combustion of natural gas  
 Pb - lead
  - (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
  - (5) Products of combustion.
  - (6) The allowable emission rates include planned maintenance, startup, and shutdown activities. It does not include emissions from facilities that are authorized under a permit by rule by 30 TAC Chapter 106 or as de minimis by 30 TAC §116.119.