

**From:** [bryan.osborne@powereng.com](mailto:bryan.osborne@powereng.com)  
**To:** [Mark McDonald](#)  
**Cc:** [Kaiser Uddin Ahmed](#); [carrie.bochenek@powereng.com](mailto:carrie.bochenek@powereng.com)  
**Subject:** RE: [EXTERNAL] RE: Working Draft Permit - O4088 Samsung Austin Semiconductor, LLC. Renewal\_35842  
**Date:** Wednesday, July 24, 2024 1:50:52 PM

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Thanks Mark, we are working on getting the OP-CRO1 signed.

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**From:** Mark McDonald <Mark.McDonald@tceq.texas.gov>  
**Sent:** Wednesday, July 24, 2024 1:34 PM  
**To:** Osborne, Bryan <bryan.osborne@powereng.com>  
**Cc:** Kaiser Uddin Ahmed <kaiser.ahmed@samsung.com>; Bochenek, Carrie <carrie.bochenek@powereng.com>  
**Subject:** RE: [EXTERNAL] RE: Working Draft Permit - O4088 Samsung Austin Semiconductor, LLC. Renewal\_35842

Bryan,

I've received this project back from QA/QC and management review., so the PNAP package is ready to be sent out.

Can you send me the updated Page 87 of the [OP-REQ1 \[tceq.texas.gov\]](#) (correcting the last approval date of the NSR permit 31811 to **11/27/2023**) and certify the change Via STEERS submittal or OP-CRO1?

Details are below.

Let me know if you have any questions.

Regards,  
Mark

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**From:** Mark McDonald  
**Sent:** Wednesday, July 17, 2024 11:30 AM  
**To:** [bryan.osborne@powereng.com](mailto:bryan.osborne@powereng.com)  
**Cc:** Kaiser Uddin Ahmed <[kaiser.ahmed@samsung.com](mailto:kaiser.ahmed@samsung.com)>; [carrie.bochenek@powereng.com](mailto:carrie.bochenek@powereng.com)  
**Subject:** RE: [EXTERNAL] RE: Working Draft Permit - O4088 Samsung Austin Semiconductor, LLC. Renewal\_35842

Bryan,

I have received this project back from QA/QC and have one item that needs to be addressed.

Please update Page 87 of the [OP-REQ1 \[tceq.texas.gov\]](#) correcting the last approval date of the NSR permit 31811 to **11/27/2023**.

- The easiest way to accomplish this is to submit the OP-REQ1 pg.1, as an "Application

Update" via STEERS.

- There will be need for an OP-CRO1 because the submittal is signed by the RO and therefore certified.
- The other option is to send the updated OP-REQ1 and an OP-CRO1 via mail. You can email me a copy, but a wet signature is required to certify the change.

Please mail a completed and signed form to:

Texas Commission on Environmental Quality  
**Attn:** Mark McDonald / Operating Permits Section  
Air Permits Division **MC-163**  
12100 Park 35 Circle / Bldg. C,  
Austin, TX 78753.

***\*If mailing hard copy, use a tracking service and email me the tracking number.***

Contact me if you have any questions or if you wish to discuss in more detail.

Regards,  
Mark

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**From:** [bryan.osborne@powereng.com](mailto:bryan.osborne@powereng.com) <[bryan.osborne@powereng.com](mailto:bryan.osborne@powereng.com)>  
**Sent:** Tuesday, July 2, 2024 4:15 PM  
**To:** Mark McDonald <[Mark.McDonald@tceq.texas.gov](mailto:Mark.McDonald@tceq.texas.gov)>  
**Cc:** Kaiser Uddin Ahmed <[kaiser.ahmed@samsung.com](mailto:kaiser.ahmed@samsung.com)>; [carrie.bochenek@powereng.com](mailto:carrie.bochenek@powereng.com)  
**Subject:** Re: [EXTERNAL] RE: Working Draft Permit - O4088 Samsung Austin Semiconductor, LLC. Renewal\_35842

Yes, that works perfectly, thank you.

On Jul 2, 2024, at 4:12 PM, Mark McDonald <[Mark.McDonald@tceq.texas.gov](mailto:Mark.McDonald@tceq.texas.gov)> wrote:

<p><b>CAUTION:</b> This Email is from an <b>EXTERNAL</b> source. <b>STOP. THINK</b> before you <b>CLICK</b> links or <b>OPEN</b> attachments.</p>
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Bryan,  
It looks like an obvious data entry error from an earlier permit. Since it is part of the Group, with the same attributes, the this email should be sufficient

documentation.

However, the Group ID has fewer characters, because it is just an ID. So, the max is 13 characters. If it's ok, I will update them all to "GRP-GEN1-12OIL"

Let me know if you agree with that update will be sufficient.

Regards,  
Mark

---

**From:** [bryan.osborne@powereng.com](mailto:bryan.osborne@powereng.com) <[bryan.osborne@powereng.com](mailto:bryan.osborne@powereng.com)>  
**Sent:** Tuesday, July 2, 2024 10:14 AM  
**To:** Mark McDonald <[Mark.McDonald@tceq.texas.gov](mailto:Mark.McDonald@tceq.texas.gov)>  
**Cc:** Kaiser Uddin Ahmed <[kaiser.ahmed@samsung.com](mailto:kaiser.ahmed@samsung.com)>;  
[carrie.bochenek@powereng.com](mailto:carrie.bochenek@powereng.com)  
**Subject:** RE: Working Draft Permit - O4088 Samsung Austin Semiconductor, LLC.  
Renewal\_35842

Mark: thanks for sending over the draft permit. We have reviewed and have a question about the permit shield. For GRP-OILVNT, it appears that GEN12-OIL is not included in the description of this group. If the issue is the 50 character limit, we propose changing this group description to "GEN 1 through 12 OIL". Will you need an updated form for this?

Everything else looks in order!  
Thanks,  
Bryan

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**From:** Mark McDonald <[Mark.McDonald@tceq.texas.gov](mailto:Mark.McDonald@tceq.texas.gov)>  
**Sent:** Tuesday, June 18, 2024 5:18 PM  
**To:** Osborne, Bryan <[bryan.osborne@powereng.com](mailto:bryan.osborne@powereng.com)>  
**Cc:** Kaiser Uddin Ahmed <[kaiser.ahmed@samsung.com](mailto:kaiser.ahmed@samsung.com)>  
**Subject:** [EXTERNAL] Working Draft Permit - O4088 Samsung Austin Semiconductor, LLC. Renewal\_35842

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Mr. Osborne:

I have completed the Working Draft Permit (WDP) for your Federal Operating

Permit (FOP) Renewal issuance permit application of Permit No. O4088 for Samsung Austin Semiconductor, LLC. Renewal project 35842.

Please review the WDP and submit any comments you have at your earliest opportunity, but no later than **July 2, 2024**.

In addition, per our phone call, this updated draft permit is based upon the revisions identified in the OP-2 and OP-SUMR tables submitted, and the company may request additional updates. The following are reminders that new documents would need to address:

1. All changes and identified forms would need to be on the OP-2 and OP-SUM or OP-SUMR tables.
2. EU Group ID's needing updates should be used on the UA forms instead of individual ID's and changes in **bold**.
3. Any case-by-case OP-MON forms would need both:
  1. Submit a justifications to explain how the monitoring, frequency and deviation requested will insure compliance with the rule.
  2. Visible emissions would be addressed on the OP-UA15.

Contact me if you have any questions or if you wish to discuss any other details or deadlines regarding your application or permit.

Regards,  
Mark

Review the second portion of the "SOP Technical Review Fact Sheet" located at [http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title\\_V/sop\\_wdp\\_factsheet.pdf](http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf) [tceq.texas.gov]. This guidance contains important information regarding WDP review and comment procedures.

Note that a Certification by Responsible Official (Form OP-CRO1) for any uncertified application information, including application updates supporting the WDP comments, is required. After final review of the WDP, additional changes supported by application updates may require certification. I will advise you of these changes at a later date. Prior to transmittal of the Public Announcement Authorization Package, a duly signed OP-CRO1 form may be required which includes the specific dates or time-period of all submitted application documentation that was not previously certified. I will advise you of this requirement prior to sending the Public Announcement Authorization.

Mark McDonald

Operating Permits Section  
Air Permits Division, Office of Air,  
Texas Commission on Environmental Quality (TCEQ)  
(512) 239-1357  
[mark.mcdonald@tceq.texas.gov](mailto:mark.mcdonald@tceq.texas.gov)

<image001.gif>

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**From:** [Kaiser Uddin Ahmed](#)  
**To:** [Mark McDonald](#)  
**Cc:** [bryan.osborne@powereng.com](mailto:bryan.osborne@powereng.com)  
**Subject:** RE: RE: RE: Technical Review -- FOP O4088 / Project 35842 Samsung Austin Semiconductor LLC / Samsung Austin Semiconductor 1  
**Date:** Thursday, December 7, 2023 8:37:14 AM  
**Attachments:** [ATT00003.png](#)

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Good Morning Mark,

No problem, I am available anytime after 2pm tomorrow.

Please let me know if this works for you.

Thanks

Kaiser

----- Original Message -----

**Sender :** Mark McDonald <Mark.McDonald@tceq.texas.gov>

**Date :** 2023-12-06 16:13 (GMT-6)

**Title :** RE: RE: Technical Review -- FOP O4088 / Project 35842 Samsung Austin Semiconductor LLC / Samsung Austin Semiconductor 1

<!--[if mso 9]--><!--[endif]-->

Kaiser,

Is it ok to move the meeting up a little bit to 1:30 pm tomorrow? I've had something pop up. I'll send the Teams invite once we confirm.

Thanks,

Mark

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**From:** Kaiser Uddin Ahmed <kaiser.ahmed@samsung.com>

**Sent:** Wednesday, December 6, 2023 8:43 AM

**To:** Mark McDonald <Mark.McDonald@tceq.texas.gov>

**Cc:** bryan.osborne@powereng.com

**Subject:** RE: RE: Technical Review -- FOP O4088 / Project 35842 Samsung Austin Semiconductor LLC / Samsung Austin Semiconductor 1

Good Morning -

Thursday at 2pm works for me.  
Please set up a Teams meeting.

Thanks  
Kaiser

----- Original Message -----

**Sender** : Mark McDonald <Mark.McDonald@tceq.texas.gov>

**Date** : 2023-12-05 16:52 (GMT-6)

**Title** : RE: Technical Review -- FOP O4088 / Project 35842 Samsung Austin Semiconductor LLC /  
Samsung Austin Semiconductor 1

Kaiser:

Yes, I have some availability on Thursday, how does 2:00 p.m. work for you? Would you like to do a phone call or on Teams?

Thanks,  
Mark

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**From:** Kaiser Uddin Ahmed <kaiser.ahmed@samsung.com>

**Sent:** Tuesday, December 5, 2023 3:25 PM

**To:** Mark McDonald <Mark.McDonald@tceq.texas.gov>

**Cc:** bryan.osborne@powereng.com

**Subject:** RE: Technical Review -- FOP O4088 / Project 35842 Samsung Austin Semiconductor LLC /  
Samsung Austin Semiconductor 1

Thanks for your email.  
Are you available anytime on Thursday for a brief meeting?

- Kaiser

----- Original Message -----

**Sender** : Mark McDonald <Mark.McDonald@tceq.texas.gov>

**Date** : 2023-12-05 14:57 (GMT-6)

**Title** : Technical Review -- FOP O4088 / Project 35842 Samsung Austin Semiconductor LLC /  
Samsung Austin Semiconductor 1

Kaiser Ahmed:

I have been recently assigned to the Federal Operating Permit (FOP) Renewal permit application of Permit No. O4088 / Project Samsung Austin Semiconductor LLC / Samsung Austin Semiconductor 1. This application has been assigned Project No. 35842. Please address all correspondence pertaining to this permit application, including any updates, to me via email 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.

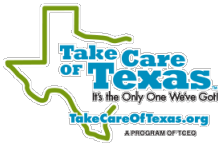
If you have any questions or concerns on any of these items or think you need to do any additional updates, let me know and we can discuss further.

Sincerely,

Mark



Mark McDonald  
Operating Permits Section  
Air Permits Division, Office of Air,  
Texas Commission on Environmental Quality (TCEQ)  
(512) 239-1357  
[mark.mcdonald@tceq.texas.gov](mailto:mark.mcdonald@tceq.texas.gov)



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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:	07/29/2024
Permit No.:	O4088
RN No.:	RN100518026

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

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

<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.:	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:	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.: 31811	Issuance Date: 11/27/2023	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:

**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: 100518026	CN: 602914442	Account No.: TH0602A
Permit No.: O-4088	Project No.: 35842	
Area Name: Samsung Austin Semiconductor	Company Name: Samsung Austin Semiconductor LLC	
<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 checked="" type="checkbox"/> Update to Permit Application	
<input type="checkbox"/> GOP Initial Permit Application	<input 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>Charles Ellingsworth</u> certify that I am the <u>RO</u> <i>(Certifier Name printed or typed)</i> <i>(RO or DAR)</i></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>10/26/2023</u> to <u>07/29/2024</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: <u>                    </u> <u>                    </u> <u>                    </u> <u>                    </u> <u>                    </u> <u>                    </u> <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: _____ Signature Date: _____		
Title: <u>Director, EH&amp;S</u>		

**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
10/23/2023	O4088	RN100518026

Unit ID No.	Registration No.	PBR No.	Registration Date
FWP1	170895	106.511	11/02/2022
EGEN5, EGEN6, EGEN8	169219	106.511	05/31/2022
WAFERSHRED	164001	106.261	02/22/2021

**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
10/23/2023	O4088	RN100518026

Unit ID No.	PBR No.	Version No./Date
Powder Coating	<a href="#">106.434</a>	09/04/2000
T-100	106.472	09/04/2000
Process CO	<a href="#">106.225</a>	09/04/2000
CULT-U2101, CULT-U2102	106.472	09/04/2000
B-7 through B-12, B-14 through B-22	106.183	09/04/2000
Welding	106.227	09/04/2000
CT-1 through CT-4	106.371	09/04/2000
CUB1 Diesel Tank, Generator Building Diesel Tank, DRT-1, DRT-2, DRT-3	106.472	09/04/2000
GT-1	106.473	09/04/2000
Routine MSS and Temporary Maintenance (Wastewater Tanks Refinishing, Concrete Slab Sandblasting)	106.263	11/01/2001
Handheld and Manually Operated Machines	106.265	09/04/2000

Unit ID No.	PBR No.	Version No./Date
Process Vacuum, House Vacuum	106.266	09/04/2000
CT-1 through CT-4	106.371	03/14/1997
Storage or Holding of Dry Natural Gas	106.471	09/04/2000
DI-1 through DI-5	106.472	03/14/1997
IWT1 – AWW, IWT1 – CWW, IWT1 – FWW	106.532	03/14/1997
IWT2 – AWW1, IWT2 – FWW1, IWT2 – AWW2, IWT2 – FWW2, IWT3 – AWW3	106.532	09/04/2000
FUELLOAD	<a href="#">106.412</a>	09/04/2000

**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
10/23/2023	O-4088	RN100518026

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
FWP1	106.511	170895	Keep records of monthly engine run time hours and identify whether for maintenance or emergency purposes.
EGEN5, EGEN6, EGEN8	106.511	169219	Keep records of monthly engine run time hours and identify whether for maintenance or emergency purposes.
WAFERSHRED	106.261	164001	Maintain records of hourly and annual emission rates as identified in 106.261(a)(2)-(3). Maintain no visible emissions, except uncombined water, to the atmosphere from any point or fugitive source shall not exceed 5.0% opacity in any six-minute period.
Powder Coating	106.434	09/04/2000	Maintain records that the surface coating operations are utilizing powder coating materials with the powder applied by an electrostatic powder spray gun or an electrostatic fluidized bed.
T-100	106.472	09/04/2000	Maintain no visible emissions and chemicals loaded, unloaded, or stored are limited to 106.472(1)-(9).
Process CO	106.225	09/04/2000	Maintain records of hourly and annual emission rates as identified in 106.225(2), (10) and that the emission rates satisfy the criteria identified in 106.225(7), (8), (9). Maintain records of the facility baseline GLCs and the modeling methodology used. Maintain records that ground-level concentrations satisfy 106.225(11).
CULT-U2101, CULT-U2102	106.472	09/04/2000	Maintain no visible emissions and chemicals loaded, unloaded, or stored are limited to 106.472(1)-(9).
B-7 through B-12, B-14 through B-22	106.183	09/04/2000	Maintain records of each boiler's heat rate, and that the boilers will only fire sweet natural gas, fuel oil, or distillate fuel oil provided that the fuel satisfies the sulfur limitations of 106.183(2)(C),(3). Records of fuel oil firing and purchases shall be maintained on a two-year rolling retention period
Welding	106.227	09/04/2000	Keep records of brazing, soldering, or welding equipment with less than 0.6 ton per year or more of lead emitted.
CT-1 through CT-4	106.371	09/04/2000	Maintain records that Cooling Water Units will not be in direct contact with gaseous or liquid process streams.



Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
CUB1 Diesel Tank, Generator Building Diesel Tank, DRT-1, DRT-2, DRT-3	106.472	09/04/2000	Maintain no visible emissions and chemicals loaded, unloaded, or stored are limited to 106.472(1)-(9).
GT-1	106.473	09/04/2000	If for loading/unloading: Maintain records to demonstrate the loading rate does not exceed 20,000 gallon/day, 30-day average. If for tank: Maintain records that the true vapor pressure of the material stored in the tank is less than 11.0 psia at maximum temperature of use.
Routine MSS and Temporary Maintenance (Wastewater Tanks Refinishing, Concrete Slab Sandblasting)	106.263	11/01/2001	Maintain records for all maintenance, start-up, or shutdown activities and temporary maintenance facilities so that there is sufficient information to determine compliance with this section including (1) the type and reason for the activity or facility construction; (2) the processes and equipment involved; (3) the date, time, and duration of the activity or facility operation; and (4) the air contaminants and amounts which are emitted as a result of the activity or facility operation.
Handheld and Manually Operated Machines	106.265	09/04/2000	No routine monitoring. If units are modified, verify equipment is used for buffing, polishing, carving, cutting, drilling, machining, routing, sanding, sawing, surface grinding, or turning of ceramic art work, ceramic precision parts, leather, metals, plastics, fiber board, masonry, carbon, glass, graphite, or wood.
Process Vacuum, House Vacuum	106.266	09/04/2000	Maintain records that the vacuum cleaning systems are used exclusively for industrial, commercial, or residential housekeeping purposes.
CT-1 through CT-4	106.371	03/14/1997	Maintain records that Cooling Water Units will not be in direct contact with gaseous or liquid process streams.
Storage or Holding of Dry Natural Gas	106.471	09/04/2000	Maintain records that the equipment is used exclusively to store or hold dry natural gas.
DI-1 through DI-5	106.472	03/14/1997	Maintain no visible emissions and chemicals loaded, unloaded, or stored are limited to 106.472(1)-(9).
IWT1 – AWW, IWT1 – CWW, IWT1 – FWW	106.532	03/14/1997	Verify that the facility will only perform the functions listed in the PBR and chlorine or sulfur dioxide emissions will not exceed 10 tons per year
IWT2 – AWW1, IWT2 – FWW1, IWT2 – AWW2, IWT2 – FWW2, IWT3 – AWW3	106.532	09/04/2000	Verify that the facility will only perform the functions listed in the PBR and chlorine or sulfur dioxide emissions will not exceed 10 tons per year
FUELLOAD	106.412	09/04/2000	Maintain records that the equipment is used to store and dispense motor fuels. The PBR has no ongoing requirements.



POWER ENGINEERS, INC.

2600 VIA FORTUNA  
SUITE 450  
AUSTIN, TX 78746 USA

**PHONE** 512-329-5544  
**FAX** 512-329-8253

October 23, 2023

Texas Commission on Environmental Quality  
Air Permits Initial Review Team (APIRT), MC161  
12100 Park 35 Circle  
Austin, TX 78753

*via STEERS*

**Subject: Title V Site Operating Permit Renewal Application  
Samsung Austin Semiconductor, LLC  
Samsung Austin Semiconductor  
Travis County, Texas  
Customer Reference No.: CN602914442  
Regulated Entity No.: RN100518026  
Permit No.: O-4088**

APIRT:

On behalf of Samsung Austin Semiconductor, LLC (Samsung), POWER Engineers, Inc. (POWER) is submitting the enclosed Site Operating Permit (SOP) renewal application for the Samsung Austin semiconductor fabrication plant located in Travis County, Texas.

This submittal constitutes a timely renewal application as it is being submitted at least six months, and no earlier than 18 months, before the current authorization to operate (ATO) expires on May 8, 2024. Regulatory applicability updates are being represented in this renewal application due to the incorporation of generator engines, storage tanks, liquid loading/unloading, boilers and cooling towers.

The enclosed renewal application for Permit No. O-4088 meets the requirements for a SOP renewal application per 30 TAC Chapter 122. The enclosed application includes the following TCEQ forms: OP-CRO1, OP-1, OP-2, OP-ACPS, OP-REQ1, OP-UA, OP-MON, OP-SUMR and OP-PBRSUP.

If you have any questions or require additional information, please do not hesitate to contact Mr. Kaiser Ahmed by email at [kaiser.ahmed@samsung.com](mailto:kaiser.ahmed@samsung.com), or myself by email at [bryan.osborne@powereng.com](mailto:bryan.osborne@powereng.com) or by phone at (512) 579-3815.

Sincerely,  
**POWER Engineers, Inc.**

A handwritten signature in blue ink, appearing to read "Bryan Osborne".

Bryan Osborne  
Project Manager

Attachments  
c:

Mr. Kaiser Ahmed, Senior Engineer, Environmental, Samsung Austin Semiconductor  
EPA, Region 6, Title V Permitting Contact, w/attachments, via email: [R6AirPermitsTX@epa.gov](mailto:R6AirPermitsTX@epa.gov)

[WWW.POWERENG.COM](http://WWW.POWERENG.COM)

October 2023

# **RENEWAL APPLICATION FOR TITLE V SITE OPERATING PERMIT (SOP)**

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*Samsung Austin Semiconductor, LLC  
Samsung Austin Semiconductor  
Travis County, Texas*

*Permit No. O4088  
Customer Reference No. CN602914442  
Regulated Entity No. RN100518026*

**Submitted To:**  
*Texas Commission on Environmental Quality  
Air Division  
P.O. Box 13087  
Austin, Texas 78711-3087*

**PROJECT NUMBER:**  
0239601.01.01



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## **1.0 EXECUTIVE SUMMARY**

Samsung Austin Semiconductor, LLC (SAS) operates a semiconductor manufacturing operation in Travis County, Texas. Site operations are authorized under TCEQ NSR permit number 31811. The enclosed renewal application for Permit No. O4088 meets the requirements for a SOP renewal per 30 TAC Chapter 122. The enclosed application includes the following TCEQ forms: OP-CRO1, OP-1, OP-2, OP-ACPS, OP-REQ1, OP-MON, OP-UA forms, OP-SUMR and OP-PBRSUP.

## **2.0 PROCESS DESCRIPTION**

SAS operates a typical semiconductor manufacturing process at the Austin site.

The semiconductor products fabricated at SAS contain multiple circuits on a miniature scale and are used in virtually all types of electronic equipment. Integrated circuits with certain desirable electrical characteristics are fabricated by building layer upon layer of components and circuitry on top of a silicon wafer using both chemical and physical processes. Depending on the design of the chips and the technology employed, the sequence of process steps and the number of process iterations can vary substantially. The basic processes involved in semiconductor manufacturing include epitaxy, oxidation, photolithography, etching, cleaning, diffusion, ion implantation, metals deposition, and glass deposition. Although chemical processes may vary, a brief description of each process is presented below.

### **2.1 Epitaxy**

A layer of single crystalline silicon is grown from silicon-containing vapors on a single crystal substrate. In preparation for epitaxial growth (epitaxy), hydrogen chloride gas is used to clean the wafer surface. A silicon layer is then deposited on the cleaned surface by pyrolysis of dichlorosilane. As the silicon is deposited, arsenic atoms in the form of arsine gas are added to precisely control the electrical characteristics of the silicon layer.

### **2.2 Oxidation**

In the oxidation process, an oxide layer is grown on the wafer substrate to achieve specific conductivity (or insulating) characteristics. The oxide layers are grown in high-temperature atmospheres of steam, wet oxygen, or dry oxygen in a tube furnace to oxidize an existing surface; lower-temperature chemical vapor deposition (CVD) reactors can also be used to deposit additional semiconductor material (such as silicon dioxide) onto the surface utilizing silicon-containing vapors.

### **2.3 Photolithography**

In the photolithography process, a photosensitive polymeric resin in a solvent base is placed on the wafer to create patterns using photolithographic techniques. A masking pattern is placed over the wafer to expose specific areas to light sources. Both positive and negative resist technologies are utilized to develop electrical patterns and circuitry on the wafer. Positive photoresists are developed using an alkaline solution containing potassium hydroxide or tetramethyl ammonium hydroxide. The positive develop step is followed by a water rinse. Negative resists are developed using an aliphatic hydrocarbon. The negative develop step is followed by an n-butyl acetate rinse.

### **2.4 Etching**

Etching of wafer substrates is used to chemically remove specific unwanted materials to expose an underlying material or deposit another material in place of the etched material. Etching may either be performed using solutions of acids, bases, and/or oxidizers or by using plasmas (ionized gases). In plasma etch, oxygen, chlorine, or halocarbon gases are subjected to an intense radio frequency field in order to create plasma. The ionized particles in the plasma chemically react with atoms on the wafer surface to remove these undesirable materials from the surface. In metal etch, chlorine, boron trichloride, and halocarbon gases are subjected to a radio frequency field to create a plasma. The ionized particles react

with an aluminum silicon alloy on the wafer surface to remove these undesirable materials from the surface.

## **2.5 Cleaning**

Wafer cleaning is required before each chemical and physical process to ensure that contaminants on the wafer surfaces do not substantially affect electrical performance of the final chip products. Before wafers are subjected to any specialized manufacturing processes, they are typically rinsed with deionized water, mixtures of various corrosives and oxidizers, or organic solvents. These cleaning rinses are also known as the “wets” processes. The wafers are also mechanically scrubbed to remove bacteria and other particulate matter. Cleaning associated with specialized manufacturing processes described above is primarily designed to remove oxides or ionic contaminants such as metals. Chemicals typically used in wafer cleaning include ammonium fluoride, ammonium hydroxide, acetic acid, hydrogen peroxide, hydrofluoric acid, nitric acid, phosphoric acid, and sulfuric acid. Chemical baths are operated at room temperature or higher.

## **2.6 Diffusion**

Diffusion is a common high-temperature process where dopant materials such as boron and antimony are introduced into selected areas of the wafer to permanently alter the electronic properties of the substrate. The gaseous dopants, flowing in a carrier gas, are diffused into the substrate as the gas flows over the wafers within a specially designed tube furnace. Hydrofluoric acid is used to remove unreacted dopants from the wafer. As a final step, the wafer is exposed to an oxidation process to diffuse the dopant to the proper depth in a silicon dioxide layer.

## **2.7 Ion Implantation**

Ion implantation is another doping method in which materials such as arsenic, phosphorous and boron are introduced into semiconductor devices in a precise and uniform fashion to produce desired electrical characteristics. Dopant atoms are first ionized, then accelerated to intermediate energy. At this energy, dopant ions are separated from undesired ions by use of a magnetic field. During the final stage, dopant ions are accelerated to velocities sufficient to penetrate the silicon surface to the desired depth. Ion implantation typically involves the use of arsine, phosphine, boron trifluoride, boron tribromide, and diborane gases.

## **2.8 Metals Deposition**

To connect electrical devices on an integrated circuit, metallic layers are deposited on chip substrates by vaporizing a metal filament into a vacuum tube under high-temperature conditions. An alternative method for applying a metallic layer is sputtering, or ionic bombardment of a metallic target which, after cleaning the wafers with an acid solution, displaces ions from the target and deposits them on the chip. Typically, a thin layer of platinum/titanium, or aluminum/copper is deposited to form diodes or metal interconnects.

## **2.9 Glass Deposition**

In the glass deposition process, a CVD oxide or plasma enhanced CVD (PECVD) oxide layer is deposited onto the wafer. The process typically utilizes oxygen, silane, and phosphine gases.

## **2.10 Fab Process Emissions Control**

Semiconductor manufacturing operations are performed in environmentally controlled rooms within the fabrication areas. These rooms, known as clean rooms, are continuously vented to maintain an environment free of particles that may contaminate the semiconductor devices. Generally, emissions from process tools using volatile organic compounds are vented to a rotary concentrator/thermal oxidizer system and then to the atmosphere. Process emissions of flammable gases are routed through point of use (POU) combustion chambers and then to house acid scrubber stacks.

Emissions from operations using acids are collected and controlled through a combination of POU scrubbers and house scrubbing systems. Emissions from operations using alkalis are collected and controlled in house scrubbing systems. Acids and alkali emissions will receive final control through packed bed water scrubbers. After wet scrubbing, the gas streams will be vented to the atmosphere. The residual acidic scrubber water will be sent to on-site industrial wastewater treatment facilities where the pH is adjusted to appropriate levels using sodium hydroxide and sulfuric acid before discharge to the publicly owned treatment works (POTW).



## **3.0 TITLE V APPLICATION FORMS**

### **3.1 List of Forms in Order of Attachment**

FORM OP-CRO1

FORM OP-1

FORM OP-2

FORM OP-ACPS

FORM OP-REQ1

FORM OP-MON


FORMS OP-UA

FORM OP-PBRSUP

## **FORM OP-CRO1**

**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: 100518026		CN: 602914442		Account No.: TH0602A	
Permit No.: O4088			Project No.: TBD		
Area Name: Samsung Austin Semiconductor			Company Name: Samsung Austin Semiconductor, LLC		
<b>II. Certification Type</b> (Please mark the appropriate box)					
<input checked="" type="checkbox"/> Responsible Official			<input type="checkbox"/> Duly Authorized Representative		
<b>III. Submittal Type</b> (Please mark the appropriate box) (Only one response can be accepted per form)					
<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>David Ellingsworth</u> certify that I am the <u>RO</u> (Certifier Name printed or typed) (RO or DAR)					
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:					
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).					
Time Period: From <u>10/23/2023</u> to _____ <div style="display: flex; justify-content: space-around; width: 100%;"> <span>Start Date</span> <span>End Date</span> </div>					
Specific Dates: _____ <div style="display: flex; justify-content: space-around; width: 100%;"> <span>Date 1</span> <span>Date 2</span> <span>Date 3</span> <span>Date 4</span> <span>Date 5</span> <span>Date 6</span> </div>					
Signature: <u></u>			Signature Date: <u>10/23/23</u>		
Title: <u>Director, EH&amp;S</u>					

**FORM OP-1**

**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: Samsung Austin Semiconductor, LLC
B. Customer Reference Number (CN): <b>CN602914442</b>
C. Submittal Date (mm/dd/yyyy): 10/23/2023
<b>II. Site Information</b>
A. Site Name: Samsung Austin Semiconductor
B. Regulated Entity Reference Number (RN): <b>RN100518026</b>
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 checked="" 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 type="checkbox"/> YES <input checked="" 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:
<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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)	
RO Full Name: David Ellingsworth	
RO Title: Director, EH&S	
Employer Name: Samsung Austin Semiconductor, LLC	
Mailing Address: 12100 Samsung Blvd.	
City: Austin	
State: TX	
ZIP Code: 78754	
Territory:	
Country: USA	
Foreign Postal Code:	
Internal Mail Code:	
Telephone No.: 512-672-3302	
Fax No.:	
Email: c.ellingswor@samsung.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: Kaiser Ahmed
Technical Contact Title: Senior Engineer, Environmental
Employer Name: Samsung Austin Semiconductor, LLC
Mailing Address: 12100 Samsung Blvd.
City: Austin
State: TX
ZIP Code: 78754
Territory:
Country: USA
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 832-948-4990
Fax No.:
Email: kaiser.ahmed@samsung.com
<b>VIII. Reference Only Requirements</b> <i>(For reference only.)</i>
<b>A.</b> State Senator: Sarah Eckhardt, District 14
<b>B.</b> State Representative: James Talarico, District 50
<b>C.</b> 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>
<b>D.</b> 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>
<b>E.</b> 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:
<b>B.</b> Physical Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
<b>C.</b> Physical Location:
<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:
<b>E.</b> Telephone No.:
<b>X. Application Area Information</b>
<b>A.</b> Area Name: Samsung Austin Semiconductor
<b>B.</b> Physical Address: 12100 Samsung Blvd.
City: Austin
State: TX
ZIP Code: 78754
<b>C.</b> Physical Location:
<b>D.</b> Nearest City:
<b>E.</b> State:
<b>F.</b> ZIP Code:



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

<b>X. Application Area Information (<i>continued</i>)</b>
<b>G.</b> Latitude (nearest second): 30.373396
<b>H.</b> Longitude (nearest second): -97.638377
<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: 1,100
<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: Little Walnut Creek Branch Library
<b>B.</b> Physical Address: 835 W. Rundberg Lane
City: Austin
ZIP Code: 78754
<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: Kaiser Ahmed
Contact Mailing Address: 12100 Samsung Blvd.
City: Austin
State: TX
ZIP Code: 78754
Territory:
Country: USA
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 832-948-4990

**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:

**FORM OP-2**

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 1  
Texas Commission on Environmental Quality**

Date: 10/23/2023	
Permit No.: O4088	
Regulated Entity No.: RN100518026	
Company Name: Samsung Austin Semiconductor, LLC	
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**

**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: 10/23/2023
Permit No.: O4088
Regulated Entity No.: RN100518026
Company Name: Samsung Austin Semiconductor, LLC

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-B	No	GRP-OILVNT	OP-UA15	31811	Documenting neg. applicability for 30 TAC Chapter 115. Group has this exemption, but GEN12-OIL inadvertently left out of permit shield group listing of units.

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 3  
Texas Commission on Environmental Quality**

Date: 10/23/2023	
Permit No.: O4088	
Regulated Entity No.: RN100518026	
Company Name: Samsung Austin Semiconductor, LLC	
<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-ACPS**

**Texas Commission on Environmental Quality**  
**Form OP-ACPS**  
**Application Compliance Plan and Schedule**

<b>Date:</b> 10/23/2023	<b>Regulated Entity No.:</b> RN100518026	<b>Permit No.:</b> O4088
<b>Company Name:</b> Samsung Austin Semiconductor, LLC		<b>Area Name:</b> Samsung Austin Semiconductor

- 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)	
<b>1.</b> 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
<b>2.</b> 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
<b>3.</b> 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>	
<p><small>* 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.</small></p> <p><small>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.</small></p>	

## **FORM OP-REQ1**

**Texas Commission on Environmental Quality**  
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<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 type="checkbox"/> YES <input checked="" 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. 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 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 checked="" type="checkbox"/> YES <input 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. Emissions from units in the application area include contributions from uncombined water.	<input checked="" type="checkbox"/> YES <input 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

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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 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 type="checkbox"/> NO

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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

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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 checked="" type="checkbox"/> YES <input 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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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 type="checkbox"/> NO <input checked="" 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 checked="" type="checkbox"/> YES <input 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

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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 type="checkbox"/> YES <input checked="" 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 type="checkbox"/> YES <input checked="" 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 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 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 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 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 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 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 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 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 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 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 checked="" 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 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 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 type="checkbox"/> N/A

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**III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**

**K. Cutback Asphalt**

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 checked="" type="checkbox"/> NO <input 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
3.	Asphalt emulsion is used or produced within the application area.	<input checked="" 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 checked="" 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

**L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels**

◆	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>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>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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**IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds**

**A. Applicability**

◆	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. 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. For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES," complete Sections IV.C and IV.F. For GOP applications, if the response to Question IV.A.1 is "NO," go to Section VI.</i>	<input type="checkbox"/> YES <input checked="" 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. If the response to Question IV.A.3 is "YES," go to Question IV.G.1. 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. Utility Electric Generation in Ozone Nonattainment Areas**

	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 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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**IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)**

**C. Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas**

◆	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 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

**D. Adipic Acid Manufacturing**

1.	The application area is located at, or part of, an adipic acid production unit.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
----	---	--

**E. Nitric Acid Manufacturing - Ozone Nonattainment Areas**

1.	The application area is located at, or part of, a nitric acid production unit.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
----	--	--

**F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines**

◆	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 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 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 type="checkbox"/> NO

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**IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)**

**F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)**

◆	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 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 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 type="checkbox"/> NO
	7.	An ACSS for carbon monoxide (CO) has been approved?	<input type="checkbox"/> YES <input type="checkbox"/> NO
	8.	An ACSS for ammonia (NH <sub>3</sub> ) has been approved?	<input type="checkbox"/> YES <input type="checkbox"/> NO
	9.	Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below.	

**G. Utility Electric Generation in East and Central Texas**

	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 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

**H. Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters**

	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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**V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products**

**A. Subpart B - National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings**

- |   |   |
|---|---|
| 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.<br><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 type="checkbox"/> NO            |

**B. Subpart C - National Volatile Organic Compound Emission Standards for Consumer Products**

- |  |   |
|--|---|
| 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.<br><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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**VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**

**B. Subpart Y - Standards of Performance for Coal Preparation and Processing Plants**

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

**C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)**

◆	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 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>	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;">                     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.                 </div> <div style="width: 15%;"> <input type="checkbox"/> YES   <input type="checkbox"/> NO                 </div> </div>
<b>D. Subpart XX - Standards of Performance for Bulk Gasoline Terminals</b>	
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;">                     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> </div> <div style="width: 15%;"> <input type="checkbox"/> YES   <input checked="" type="checkbox"/> NO  <input type="checkbox"/> N/A                 </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;">                     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.                 </div> <div style="width: 15%;"> <input type="checkbox"/> YES   <input type="checkbox"/> NO                 </div> </div>
<b>E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO<sub>2</sub>) Emissions</b>	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;">                     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> </div> <div style="width: 15%;"> <input type="checkbox"/> YES   <input checked="" type="checkbox"/> NO                 </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;">                     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> </div> <div style="width: 15%;"> <input type="checkbox"/> YES   <input type="checkbox"/> NO                 </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;">                     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> </div> <div style="width: 15%;"> <input type="checkbox"/> YES   <input type="checkbox"/> NO                 </div> </div>

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**VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**

**E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO<sub>2</sub>) Emissions (continued)**

◆	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.	

**F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants**

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

**G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems**

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>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 checked="" type="checkbox"/> NO <input 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 checked="" type="checkbox"/> NO

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**VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**

**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)**

◆	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

**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**

◆	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 checked="" type="checkbox"/> NO <input 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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**VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**

**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)**

◆	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.J.</i>	<input type="checkbox"/> YES <input checked="" 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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**VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**

**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**

◆	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 checked="" type="checkbox"/> NO <input 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 checked="" 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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**VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)**

**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)**

◆	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

**K. Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution**

◆	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
---	----	--	---

**VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants**

**A. Applicability**

◆	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>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
---	----	---	---

**B. Subpart F - National Emission Standard for Vinyl Chloride**

	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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
--	----	--	--

**C. Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this section for GOP applications only)**

◆	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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**VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)**

**D. Subpart L - National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants**

- |   |  |
|---|--|
| 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).<br><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 |

**E. Subpart M - National Emission Standard for Asbestos**

***Applicability***

- |   |  |
|---|--|
| 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.<br><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 |
|---|--|

***Roadway Construction***

- |   |  |
|---|--|
| 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 |
|---|--|

***Manufacturing Commercial Asbestos***

- |  |  |
|--|--|
| 3. The application area includes a manufacturing operation using commercial asbestos.<br><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.	<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
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	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
f. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	<input type="checkbox"/> YES <input type="checkbox"/> NO
h. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<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>Form OP-REQ1: Page 29</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>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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<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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**VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)**

**G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)**

- |   |  |
|---|--|
| 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 |

**H. Subpart FF - National Emission Standard for Benzene Waste Operations**

**Applicability**

- |   |  |
|---|--|
| 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).<br><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.<br><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).<br><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.<br><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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**VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)**

**H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)**

**Applicability (continued)**

- |    |  |  |
|----|--|--|
| 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 |

**Waste Stream Exemptions**

- |     |  |  |
|-----|--|--|
| 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).<br><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>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>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>	<input type="checkbox"/> YES <input type="checkbox"/> NO
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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. 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
<i>Remediation Activities</i>	
25. Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)**

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). <i>If the response to Question VIII.B.2 is "NO," go to Section VIII.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
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. <i>If the response to Questions VIII.B.3, B.4 and B.5 are all "NO," go to Section VIII.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**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**

***Applicability***

- |   |  |
|---|--|
| 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.<br><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.<br><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.<br><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 |

***Vapor Collection and Closed Vent Systems***

- |  |  |
|--|--|
| 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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**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)**

***Reloading or Cleaning of Railcars, Tank Trucks, or Barges***

8. The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank. ☐ YES ☐ NO  
*If the response to Question VIII.C.8 is "NO," go to Question VIII.C.11.*

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. ☐ YES ☐ NO

10. The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system. ☐ YES ☐ NO

***Transfer Racks***

11. The application area includes Group 1 transfer racks that load organic HAPs. ☐ YES ☐ NO

***Process Wastewater Streams***

12. The application area includes process wastewater streams. ☐ YES ☐ NO  
*If the response to Question VIII.C.12 is "NO," go to Question VIII.C.34.*

13. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. ☐ YES ☐ NO  
*If the response to Question VIII.C.13 is "NO," go to Question VIII.C.15.*

14. The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii). ☐ YES ☐ NO

15. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. ☐ YES ☐ NO  
*If the response to Question VIII.C.15 is "NO," go to Question VIII.C.17.*



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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**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)**

***Process Wastewater Streams (continued)***

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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**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)**

***Drains***

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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)**

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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry**

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>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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)**

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>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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)**

***Drains (continued)***

- |  |  |
|--|--|
| 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 |

**K. Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production**

- |  |   |
|--|---|
| 1. The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area.<br><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<br><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>Form OP-REQ1: Page 48</b>	
<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>Form OP-REQ1: Page 49</b>	
<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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)**

**Applicability (continued)**

9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). ☐ YES ☐ NO  
*If the response to Question VIII.N.9 is "NO," go to Section VIII.O.*

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. ☐ YES ☐ NO

**Containers, Drains, and other Appurtenances**

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). ☐ YES ☐ 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). ☐ YES ☐ NO

**O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations**

1. The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). ☐ YES ☒ NO ☐ N/A  
*If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P*

2. Materials specified in 40 CFR § 63.680(b)(2) are received at the application area. ☐ YES ☐ 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. ☐ YES ☐ NO

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)**

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>Form OP-REQ1: Page 52</b>	
<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>Form OP-REQ1: Page 53</b>	
<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 type="checkbox"/> YES <input checked="" 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 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 type="checkbox"/> YES <input checked="" 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 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>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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

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>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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)**

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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)**

***Drains (continued)***

- |  |  |
|--|--|
| 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).<br><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>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 type="checkbox"/> YES <input checked="" 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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)**

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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)**

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>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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)**

- |     |   |  |
|-----|---|--|
| 9.  | The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG.<br><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 |

**DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities**

- |    |  |   |
|----|--|---|
| 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.<br><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.<br><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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**EE. Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities**

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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2.	The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	<input type="checkbox"/> YES <input checked="" 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 checked="" 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 checked="" 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 BBBBBBB, 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 checked="" 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 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 checked="" type="checkbox"/> YES <input 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.  <b>Subpart ZZZZ</b>	

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<b>Form OP-REQ1: Page 76</b>	
<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 checked="" type="checkbox"/> YES <input 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 type="checkbox"/> YES <input checked="" 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 checked="" 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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<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 checked="" type="checkbox"/> YES <input 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.  <p style="text-align: center;"><b>40 CFR Part 63, Subparts MMMM, BBBB, DDDDD, JJJJJ</b></p>	
<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>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>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 type="checkbox"/> YES <input checked="" 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 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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*For SOP applications, answer ALL questions unless otherwise directed.*

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

<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 checked="" type="checkbox"/> YES <input 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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**XI. Miscellaneous (continued)**

**L. Compliance Assurance Monitoring**

◆	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 type="checkbox"/> NO <input checked="" 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.:	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:	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.: 31811	Issuance Date: 5/5/2021	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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◆ *For GOP applications, answer ONLY these questions 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.: 106.261	Version No./Date: 11/1/2003
PBR No.: 106.511	Version No./Date: 9/4/2000
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
◆ <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-MON**



**Monitoring Requirements  
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**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: B-1		C. Applicable Form: OP-UA06	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 111, Visible Emissions			B. SOP Index No.: R1111
C. Pollutant:		Opacity		D. Main Standard:	§ 111.111(a)(1)(b)
E. Monitoring Type:		Visible Emissions			F. Unit Size: NA
G. Deviation Limit:		An opacity reading exceeding 20% shall be reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Fuel sulfur concentration	B. Minimum Frequency:	Once every 6 months	C. Averaging Period:	NA
<p>Periodic Monitoring Text: Visible emission observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions.</p> <p>If the result of the Test Method 9 is an opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>					



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**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: B-1		C. Applicable Form: OP-UA06	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 112, Sulfur Compounds			B. SOP Index No.: REG2-B6DO
C. Pollutant: SO2		D. Main Standard:		§ 112.9(a)	
E. Monitoring Type: PM		F. Unit Size:		NA	
G. Deviation Limit:		Fuel sulfur concentration > 0.5 weight percent sulfur (as specified in 40 CFR Part 60 (NSPS), Subpart Dc)			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:		B. Device Type:			
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Fuel sulfur concentration	B. Minimum Frequency:	Once every 6 months	C. Averaging Period:	NA
Periodic Monitoring Text: The sulfur emissions from the boiler are controlled by the type of fuel selected. Compliance with the SO <sub>2</sub> stack exhaust limit of 440 ppmv specified in 30 TAC 112.9 is met using fuel oil not exceeding the applicable sulfur limit specified in the NSPS Subpart Dc. Therefore, demonstrating compliance with the NSPS Subpart Dc fuel sulfur limit through the recordkeeping requirements of 40 CFR 60.48c(f) will demonstrate compliance with 30 TAC 112.9.					



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**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: B-2		C. Applicable Form: OP-UA06	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 111, Visible Emissions			B. SOP Index No.: R1111
C. Pollutant:		Opacity		D. Main Standard:	§ 111.111(a)(1)(b)
E. Monitoring Type:		Visible Emissions			F. Unit Size: NA
G. Deviation Limit:		An opacity reading exceeding 20% shall be reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Fuel sulfur concentration	B. Minimum Frequency:	Once every 6 months	C. Averaging Period:	NA
<p>Periodic Monitoring Text: Visible emission observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions.</p> <p>If the result of the Test Method 9 is an opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>					





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**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: B-2		C. Applicable Form: OP-UA06	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 112, Sulfur Compounds			B. SOP Index No.: REG2-B6DO
C. Pollutant: SO2		D. Main Standard:		§ 112.9(a)	
E. Monitoring Type: PM		F. Unit Size:		NA	
G. Deviation Limit:		Fuel sulfur concentration > 0.5 weight percent sulfur (as specified in 40 CFR Part 60 (NSPS), Subpart Dc)			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:		B. Device Type:			
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Fuel sulfur concentration	B. Minimum Frequency:	Once every 6 months	C. Averaging Period:	NA
Periodic Monitoring Text: The sulfur emissions from the boiler are controlled by the type of fuel selected. Compliance with the SO <sub>2</sub> stack exhaust limit of 440 ppmv specified in 30 TAC 112.9 is met using fuel oil not exceeding the applicable sulfur limit specified in the NSPS Subpart Dc. Therefore, demonstrating compliance with the NSPS Subpart Dc fuel sulfur limit through the recordkeeping requirements of 40 CFR 60.48c(f) will demonstrate compliance with 30 TAC 112.9.					



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**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: B-3		C. Applicable Form: OP-UA06	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 111, Visible Emissions			B. SOP Index No.: R1111
C. Pollutant:		Opacity		D. Main Standard:	§ 111.111(a)(1)(b)
E. Monitoring Type:		Visible Emissions			F. Unit Size: NA
G. Deviation Limit:		An opacity reading exceeding 20% shall be reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Fuel sulfur concentration	B. Minimum Frequency:	Once every 6 months	C. Averaging Period:	NA
<p>Periodic Monitoring Text: Visible emission observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions.</p> <p>If the result of the Test Method 9 is an opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>					



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**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: B-3		C. Applicable Form: OP-UA06	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 112, Sulfur Compounds			B. SOP Index No.: REG2-B6DO
C. Pollutant: SO2		D. Main Standard:		§ 112.9(a)	
E. Monitoring Type: PM		F. Unit Size:		NA	
G. Deviation Limit:		Fuel sulfur concentration > 0.5 weight percent sulfur (as specified in 40 CFR Part 60 (NSPS), Subpart Dc)			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:		B. Device Type:			
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Fuel sulfur concentration	B. Minimum Frequency:	Once every 6 months	C. Averaging Period:	NA
Periodic Monitoring Text: The sulfur emissions from the boiler are controlled by the type of fuel selected. Compliance with the SO <sub>2</sub> stack exhaust limit of 440 ppmv specified in 30 TAC 112.9 is met using fuel oil not exceeding the applicable sulfur limit specified in the NSPS Subpart Dc. Therefore, demonstrating compliance with the NSPS Subpart Dc fuel sulfur limit through the recordkeeping requirements of 40 CFR 60.48c(f) will demonstrate compliance with 30 TAC 112.9.					



**Monitoring Requirements  
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**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: CT-1		C. Applicable Form: OP-UA13	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 111, Visible Emissions			B. SOP Index No.: R1111
C. Pollutant:		Opacity		D. Main Standard:	§ 111.111(a)(1)(c)
E. Monitoring Type:		Visible Emissions			F. Unit Size: NA
G. Deviation Limit:		The presence of visible emissions shall be reported as a deviation unless an opacity test is performed. An opacity reading exceeding 15% shall be reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Visible Emissions	B. Minimum Frequency:	Once per quarter	C. Averaging Period:	Six Minutes



**Monitoring Requirements  
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**Table 1c: CAM/PM Case-By-Case Additions**

Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet away, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.

If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions.

If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.

If no visible emissions are observed in three consecutive quarterly tests for any affected source, the permit holder may decrease the frequency of testing from quarterly to semi-annually for that affected source. If visible emissions are observed during any semi-annual test, the permit holder must resume testing of that affected source on a quarterly basis and maintain that schedule until no visible emissions are observed in three consecutive quarterly tests. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator must resume testing of that affected source on a quarterly basis and maintain that schedule until no visible emissions are observed in three consecutive quarterly tests.  
All visible emission observations shall be recorded.



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**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: CT-2		C. Applicable Form: OP-UA13	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 111, Visible Emissions			B. SOP Index No.: R1111
C. Pollutant:		Opacity		D. Main Standard:	§ 111.111(a)(1)(c)
E. Monitoring Type:		Visible Emissions			F. Unit Size: NA
G. Deviation Limit:		The presence of visible emissions shall be reported as a deviation unless an opacity test is performed. An opacity reading exceeding 15% shall be reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Visible Emissions	B. Minimum Frequency:	Once per quarter	C. Averaging Period:	Six Minutes



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**Table 1c: CAM/PM Case-By-Case Additions**

Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet away, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.

If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions.

If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.

If no visible emissions are observed in three consecutive quarterly tests for any affected source, the permit holder may decrease the frequency of testing from quarterly to semi-annually for that affected source. If visible emissions are observed during any semi-annual test, the permit holder must resume testing of that affected source on a quarterly basis and maintain that schedule until no visible emissions are observed in three consecutive quarterly tests. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator must resume testing of that affected source on a quarterly basis and maintain that schedule until no visible emissions are observed in three consecutive quarterly tests.  
All visible emission observations shall be recorded.



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**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: CT-3		C. Applicable Form: OP-UA13	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 111, Visible Emissions			B. SOP Index No.: R1111
C. Pollutant:		Opacity		D. Main Standard:	§ 111.111(a)(1)(c)
E. Monitoring Type:		Visible Emissions			F. Unit Size: NA
G. Deviation Limit:		The presence of visible emissions shall be reported as a deviation unless an opacity test is performed. An opacity reading exceeding 15% shall be reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Visible Emissions	B. Minimum Frequency:	Once per quarter	C. Averaging Period:	Six Minutes





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**Table 1c: CAM/PM Case-By-Case Additions**

Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet away, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.

If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions.

If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.

If no visible emissions are observed in three consecutive quarterly tests for any affected source, the permit holder may decrease the frequency of testing from quarterly to semi-annually for that affected source. If visible emissions are observed during any semi-annual test, the permit holder must resume testing of that affected source on a quarterly basis and maintain that schedule until no visible emissions are observed in three consecutive quarterly tests. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator must resume testing of that affected source on a quarterly basis and maintain that schedule until no visible emissions are observed in three consecutive quarterly tests.  
All visible emission observations shall be recorded.



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**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: CT-4		C. Applicable Form: OP-UA13	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 111, Visible Emissions			B. SOP Index No.: R1111
C. Pollutant:		Opacity		D. Main Standard:	§ 111.111(a)(1)(c)
E. Monitoring Type:		Visible Emissions			F. Unit Size: NA
G. Deviation Limit:		The presence of visible emissions shall be reported as a deviation unless an opacity test is performed. An opacity reading exceeding 15% shall be reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Visible Emissions	B. Minimum Frequency:	Once per quarter	C. Averaging Period:	Six Minutes



**Monitoring Requirements  
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**Table 1c: CAM/PM Case-By-Case Additions**

Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet away, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.

If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions.

If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.

If no visible emissions are observed in three consecutive quarterly tests for any affected source, the permit holder may decrease the frequency of testing from quarterly to semi-annually for that affected source. If visible emissions are observed during any semi-annual test, the permit holder must resume testing of that affected source on a quarterly basis and maintain that schedule until no visible emissions are observed in three consecutive quarterly tests. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator must resume testing of that affected source on a quarterly basis and maintain that schedule until no visible emissions are observed in three consecutive quarterly tests.  
All visible emission observations shall be recorded.



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**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: TO-1a		C. Applicable Form: OP-UA15	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 115, Vent Gas Controls			B. SOP Index No.: R5121
C. Pollutant: VOC		D. Main Standard:		§ 115.121(c)(1)	
E. Monitoring Type:				F. Unit Size:	NA
G. Deviation Limit:		Combustion temperature in the combustion chamber or immediately downstream thereof shall be continuously measured and recorded. Any measured 1-hour average temperature below 1,250 degrees Fahrenheit shall be considered and reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Combustion Temperature	B. Minimum Frequency:	Continuous	C. Averaging Period:	1 hour
Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber for minimum of 95 percent of the time (on an annual basis). The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any measured 1-hour average temperature below the minimum limit shall be considered and reported as a deviation.					



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**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: TO-1b		C. Applicable Form: OP-UA15	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 115, Vent Gas Controls			B. SOP Index No.: R5121
C. Pollutant: VOC		D. Main Standard:		§ 115.121(c)(1)	
E. Monitoring Type:				F. Unit Size:	NA
G. Deviation Limit:		Combustion temperature in the combustion chamber or immediately downstream thereof shall be continuously measured and recorded. Any measured 1-hour average temperature below 1,250 degrees Fahrenheit shall be considered and reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Combustion Temperature	B. Minimum Frequency:	Continuous	C. Averaging Period:	1 hour
Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber for minimum of 95 percent of the time (on an annual basis). The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any measured 1-hour average temperature below the minimum limit shall be considered and reported as a deviation.					



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**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: TO-2		C. Applicable Form: OP-UA15	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 115, Vent Gas Controls			B. SOP Index No.: R5121
C. Pollutant: VOC		D. Main Standard:		§ 115.121(c)(1)	
E. Monitoring Type:				F. Unit Size:	NA
G. Deviation Limit:		Combustion temperature in the combustion chamber or immediately downstream thereof shall be continuously measured and recorded. Any measured 1-hour average temperature below 1,350 degrees Fahrenheit shall be considered and reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Combustion Temperature	B. Minimum Frequency:	Continuous	C. Averaging Period:	1 hour
Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber for minimum of 95 percent of the time (on an annual basis). The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any measured 1-hour average temperature below the minimum limit shall be considered and reported as a deviation.					



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**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: TO-3		C. Applicable Form: OP-UA15	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 115, Vent Gas Controls			B. SOP Index No.: R5121
C. Pollutant: VOC		D. Main Standard:		§ 115.121(c)(1)	
E. Monitoring Type:				F. Unit Size:	NA
G. Deviation Limit:		Combustion temperature in the combustion chamber or immediately downstream thereof shall be continuously measured and recorded. Any measured 1-hour average temperature below 1,450 degrees Fahrenheit shall be considered and reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Combustion Temperature	B. Minimum Frequency:	Continuous	C. Averaging Period:	1 hour
Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber for minimum of 95 percent of the time (on an annual basis). The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any measured 1-hour average temperature below the minimum limit shall be considered and reported as a deviation.					



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**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: TO-4a		C. Applicable Form: OP-UA15	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 115, Vent Gas Controls			B. SOP Index No.: R5121
C. Pollutant: VOC		D. Main Standard:		§ 115.121(c)(1)	
E. Monitoring Type:				F. Unit Size:	NA
G. Deviation Limit:		Combustion temperature in the combustion chamber or immediately downstream thereof shall be continuously measured and recorded. Any measured 1-hour average temperature below 1,655 degrees Fahrenheit shall be considered and reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Combustion Temperature	B. Minimum Frequency:	Continuous	C. Averaging Period:	1 hour
Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber for minimum of 95 percent of the time (on an annual basis). The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any measured 1-hour average temperature below the minimum limit shall be considered and reported as a deviation.					





**Monitoring Requirements  
Form OP-MON (Page 2)  
Federal Operating Permit Program**

**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: TO-4b		C. Applicable Form: OP-UA15	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 115, Vent Gas Controls			B. SOP Index No.: R5121
C. Pollutant: VOC		D. Main Standard:		§ 115.121(c)(1)	
E. Monitoring Type:				F. Unit Size:	NA
G. Deviation Limit:		Combustion temperature in the combustion chamber or immediately downstream thereof shall be continuously measured and recorded. Any measured 1-hour average temperature below 1,600 degrees Fahrenheit shall be considered and reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Combustion Temperature	B. Minimum Frequency:	Continuous	C. Averaging Period:	1 hour
Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber for minimum of 95 percent of the time (on an annual basis). The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any measured 1-hour average temperature below the minimum limit shall be considered and reported as a deviation.					

## **FORMS OP-UA**

# 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.
10/23/2023	O4088	RN100518026

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
GEN1	63ZZZZ-GEN1	Area	500+	02-	No	EMER-A	CI
GEN2	63ZZZZ-GEN2	Area	500+	02-	No	EMER-A	CI
GEN3	63ZZZZ-GEN3	Area	500+	02-06	No	EMER-A	CI
GEN4	63ZZZZ-GEN4	Area	500+	06+			
GEN5	63ZZZZ-GEN5	Area	500+	06+			
GEN6	63ZZZZ-GEN6	Area	500+	06+			
GEN7	63ZZZZ-GEN7	Area	500+	06+			
GEN8	63ZZZZ-GEN8	Area	500+	06+			
GEN9	63ZZZZ-GEN9	Area	500+	06+			
GEN10	63ZZZZ-GEN10	Area	500+	06+			
GEN11	63ZZZZ-GEN11	Area	500+	06+			
GEN12	63ZZZZ-GEN12	Area	500+	06+			

TCEQ-10003 (APD-ID 28v1.0, Revised 11/22) OP-UA2

This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V Release 11/22)

**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.
10/23/2023	O4088	RN100518026

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
GEN4	60IIII-GEN4	2005+	NONE	EMERG	CON	0406+
GEN5	60IIII-GEN5	2005+	NONE	EMERG	CON	0406+
GEN6	60IIII-GEN6	2005+	NONE	EMERG	CON	0406+
GEN7	60IIII-GEN7	2005+	NONE	EMERG	CON	0406+
GEN8	60IIII-GEN8	2005+	NONE	EMERG	CON	0406+
GEN9	60IIII-GEN9	2005+	NONE	EMERG	CON	0406+
GEN10	60IIII-GEN10	2005+	NONE	EMERG	CON	0406+
GEN11	60IIII-GEN11	2005+	NONE	EMERG	CON	0406+
GEN12	60IIII-GEN12	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.
10/23/2023	O4088	RN100518026

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
GEN4	60IIII-GEN4	DIESEL		30+			2012-2015
GEN5	60IIII-GEN5	DIESEL		30+			2012-2015
GEN6	60IIII-GEN6	DIESEL		30+			2012-2015
GEN7	60IIII-GEN7	DIESEL		30+			2012-2015
GEN8	60IIII-GEN8	DIESEL		30+			2012-2015
GEN9	60IIII-GEN9	DIESEL		30+			2012-2015
GEN10	60IIII-GEN10	DIESEL		30+			2012-2015
GEN11	60IIII-GEN11	DIESEL		30+			2012-2015
GEN12	60IIII-GEN12	DIESEL		30+			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.
10/23/2023	O4088	RN100518026

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
GEN4	60IIII-GEN4			NO	YES			
GEN5	60IIII-GEN5			NO	YES			
GEN6	60IIII-GEN6			NO	YES			
GEN7	60IIII-GEN7			NO	YES			
GEN8	60IIII-GEN8			NO	YES			
GEN9	60IIII-GEN9			NO	YES			
GEN10	60IIII-GEN10			NO	YES			
GEN11	60IIII-GEN11			NO	YES			
GEN12	60IIII-GEN12			NO	YES			

**Storage Tank/Vessel Attributes**  
**Form OP-UA3 (Page 3)**  
**Federal Operating Permit Program**  
**Table 3: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart Kb: Standards of Performance for Volatile Organic Liquid Storage Vessels**  
**(Including Petroleum Liquid Storage Vessels)**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
10/23/2023	04088	RN100518026

Unit ID No.	SOP/GOP Index No.	Product Stored	Storage Capacity	WW Tank Control	Maximum TVP	Storage Vessel Description	AMEL ID No.	Guidepole	Reid Vapor Pressure	Control Device ID No.
ST-1	60Kb-ST-1	OTHER3								
ST-2	60Kb-ST-2	OTHER3								
ST-3	60Kb-ST-3	OTHER3								
ST-8	60Kb-ST-8	VOL	10K-							
ST-9	60Kb-ST-9	VOL	10K-							
ST-10	60Kb-ST-10	VOL	10K-							
ST-12	60Kb-ST-12	OTHER3								
ST-14	60Kb-ST-14	OTHER3								
ST-15	60Kb-ST-15	OTHER3								
ST-16	60Kb-ST-16	VOL	10K-							
ST-21	60Kb-ST-21	OTHER3								

Unit ID No.	SOP/GOP Index No.	Product Stored	Storage Capacity	WW Tank Control	Maximum TVP	Storage Vessel Description	AMEL ID No.	Guidepole	Reid Vapor Pressure	Control Device ID No.
ST-22	60Kb-ST-22	OTHER3								
ST-23	60Kb-ST-23	OTHER3								
ST-24	60Kb-ST-24	VOL	10K-							
ST-26	60Kb-ST-26	OTHER3								
ST-27	60Kb-ST-27	VOL	10K-							
ST-28	60Kb-ST-28	VOL	10K-							
ST-29	60Kb-ST-29	OTHER3								
ST-30	60Kb-ST-30	OTHER3								
ST-31	60Kb-ST-31	OTHER3								
ST-32	60Kb-ST-32	VOL	10K-							
ST-33	60Kb-ST-33	VOL	10K-							
ST-34	60Kb-ST-34	OTHER3								
ST-35	60Kb-ST-35	OTHER3								
ST-36	60Kb-ST-36	OTHER3								
ST-37	60Kb-ST-37	OTHER3								
ST-38	60Kb-ST-38	OTHER3								
DT-1	60Kb-DT-1	PTLQ-3	10K-20K							
DT-2	60Kb-DT-2	PTLQ-3	10K-							
DT-3	60Kb-DT-3	PTLQ-3	10K-							

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Unit ID No.	SOP/GOP Index No.	Product Stored	Storage Capacity	WW Tank Control	Maximum TVP	Storage Vessel Description	AMEL ID No.	Guidepole	Reid Vapor Pressure	Control Device ID No.
GT-1	60Kb-GT-1	GASSTN								
DRT-1	60Kb-DRT-1	PTLQ-3	10K-							
DRT-2	60Kb-DRT-2	PTLQ-3	10K-							
DRT-3	60Kb-DRT-3	PTLQ-3	10K-							

**Storage Tank/Vessel Attributes**  
**Form OP-UA3 (Page 4)**  
**Federal Operating Permit Program**  
**Table 4a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter B: Storage of Volatile Organic Compounds (VOCs)**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
10/23/2023	04088	RN100518026

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
ST-1	R5112-ST-1	No		OTHER2				
ST-2	R5112-ST-2	No		OTHER2				
ST-3	R5112-ST-3	No		OTHER2				
ST-8	R5112-ST-8	No		VOC2	C1K-25K			
ST-9	R5112-ST-9	No		VOC2	C1K-25K			
ST-10	R5112-ST-10	No		VOC2	C1K-25K			
ST-12	R5112-ST-12	No		OTHER2				
ST-14	R5112-ST-14	No		OTHER2				
ST-15	R5112-ST-15	No		OTHER2				
ST-16	R5112-ST-16	No		VOC2	C1K-25K			
ST-21	R5112-ST-21	No		OTHER2				
ST-22	R5112-ST-22	No		OTHER2				

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
ST-23	R5112-ST-23	No		OTHER2				
ST-24	R5112-ST-24	No		VOC2	C1K-25K			
ST-26	R5112-ST-26	No		OTHER2				
ST-27	R5112-ST-27	No		VOC2	C1K-25K			
ST-28	R5112-ST-28	No		VOC2	C1K-25K			
ST-29	R5112-ST-29	No		OTHER2				
ST-30	R5112-ST-30	No		OTHER2				
ST-31	R5112-ST-31	No		OTHER2				
ST-32	R5112-ST-32	No		VOC2	C1K-25K			
ST-33	R5112-ST-33	No		VOC2	C1K-25K			
ST-34	R5112-ST-34	No		OTHER2				
ST-35	R5112-ST-35	No		OTHER2				
ST-36	R5112-ST-36	No		OTHER2				
ST-37	R5112-ST-37	No		OTHER2				
ST-38	R5112-ST-38	No		OTHER2				
DT-1	R5112-DT-1	No		VOC2	C1K-25K			
DT-2	R5112-DT-2	No		VOC2	C1K-25K			
DT-3	R5112-DT-3	No		VOC2	C1K-			
GT-1	R5112-GT-1	No		VOC2	C1K-			

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
<b>DRT-1</b>	<b>R5112-DRT-1</b>	<b>No</b>		<b>VOC2</b>	<b>C1K-</b>			
<b>DRT-2</b>	<b>R5112-DRT-2</b>	<b>No</b>		<b>VOC2</b>	<b>C1K-</b>			
<b>DRT-3</b>	<b>R5112-DRT-3</b>	<b>No</b>		<b>VOC2</b>	<b>C1K-</b>			

Storage Tank/Vessel Attributes  
Form OP-UA3 (Page 5)  
Federal Operating Permit Program  
Table 4b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter B: Storage of Volatile Organic Compounds (VOCs)  
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
10/23/2023	04088	RN100518026

Unit ID No.	SOP/GOP Index No.	Construction Date	Tank Description	True Vapor Pressure	Primary Seal	Secondary Seal	Control Device Type	Control Device ID No.
ST-1	R5112-ST-1							
ST-2	R5112-ST-2							
ST-3	R5112-ST-3							
ST-8	R5112-ST-8	73+	NONE2	1.5-B				
ST-9	R5112-ST-9	73+	NONE2	1.5-B				
ST-10	R5112-ST-10	73+	NONE2	1.5-B				
ST-12	R5112-ST-12							
ST-14	R5112-ST-14							
ST-15	R5112-ST-15							
ST-16	R5112-ST-16	73+	NONE2	1.5-B				
ST-21	R5112-ST-21							
ST-22	R5112-ST-22							

Unit ID No.	SOP/GOP Index No.	Construction Date	Tank Description	True Vapor Pressure	Primary Seal	Secondary Seal	Control Device Type	Control Device ID No.
ST-23	R5112-ST-23							
ST-24	R5112-ST-24	73+	NONE2	1.5-B				
ST-26	R5112-ST-26							
ST-27	R5112-ST-27	73+	NONE2	1.5-B				
ST-28	R5112-ST-28	73+	NONE2	1.5-B				
ST-29	R5112-ST-29							
ST-30	R5112-ST-30							
ST-31	R5112-ST-31							
ST-32	R5112-ST-32	73+	NONE2	1.5-B				
ST-33	R5112-ST-33	73+	NONE2	1.5-B				
ST-34	R5112-ST-34							
ST-35	R5112-ST-35							
ST-36	R5112-ST-36							
ST-37	R5112-ST-37							
ST-38	R5112-ST-38							
DT-1	R5112-DT-1	73+	NONE2	1.5-B				
DT-2	R5112-DT-2	73+	NONE2	1.5-B				
DT-3	R5112-DT-3							
GT-1	R5112-GT-1							

Unit ID No.	SOP/GOP Index No.	Construction Date	Tank Description	True Vapor Pressure	Primary Seal	Secondary Seal	Control Device Type	Control Device ID No.
DRT-1	R5112-DRT-1							
DRT-2	R5112-DRT-2							
DRT-3	R5112-DRT-3							

**Texas Commission on Environmental Quality**  
**Loading/Unloading Operations Attributes**  
**Form OP-UA04 (Page 1)**  
**Federal Operating Permit Program**  
**Table 1a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter C: Loading and Unloading of Volatile Organic Compounds**

Date	Permit No.:	Regulated Entity No.
10/23/2023	O4088	RN100518026

Unit ID No.	SOP/GOP Index No.	Chapter 115 Facility Type	Alternate Control Requirement (ACR)	ACR ID No.	Product Transferred	Transfer Type	True Vapor Pressure	Daily Through-put	Control Options
TRUCKLOAD	R5211-LOAD1	OTHER	NONE		VOC2	LOAD	1.5-		
TRUCKLOAD2	R5211-LOAD2	OTHER	NONE		VOC2	LOAD	1.5-		
DSLUNLOAD	R5211-DUL1	OTHER	NONE		VOC2	UNLOAD	1.5-		
DSLUNLOAD2	R5211-DUL2	OTHER	NONE		VOC2	UNLOAD	1.5-		
GASUNLOAD	R5211-GUL1	OTHER	NONE		GAS2	UNLOAD	1.5+		



**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 Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
10/23/2023	04088	RN100518026

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
B-1	60Dc-B1NG	89-05	10-100	NONE	10-30	NG			OTHR	OTHR	NO
B-2	60Dc-B2NG	89-05	10-100	NONE	10-30	NG			OTHR	OTHR	NO
B-3	60Dc-B3NG	89-05	10-100	NONE	10-30	NG			OTHR	OTHR	NO
B-1	60Dc-B1DO	89-05	10-100	NONE	10-30	DOIL			OTHR	OTHR	NO
B-2	60Dc-B2DO	89-05	10-100	NONE	10-30	DOIL			OTHR	OTHR	NO
B-3	60Dc-B3DO	89-05	10-100	NONE	10-30	DOIL			OTHR	OTHR	NO
B-7	60Dc-B7NG	05+	10-								
B-8	60Dc-B8NG	05+	10-								
B-9	60Dc-B9NG	05+	10-								
B-10	60Dc-B10NG	05+	10-								
B-11	60Dc-B11NG	05+	10-								

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 SO2	ACF Option PM	30% Coal Duct Burner
B-12	60Dc-B12NG	05+	10-								
B-13	60Dc-B13NG	05+	10-								
B-14	60Dc-B14NG	05+	10-								
B-15	60Dc-B15NG	05+	10-								
B-16	60Dc-B16NG	05+	10-								
B-17	60Dc-B17NG	05+	10-								
B-18	60Dc-B18NG	05+	10-								
B-19	60Dc-B19NG	05+	10-								
B-20	60Dc-B20NG	05+	10-								
B-21	60Dc-B21NG	05+	10-								
B-22	60Dc-B22NG	05+	10-								
B-23	60Dc-B23NG	05+	10-								

**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 Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
10/23/2023	04088	RN100518026

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
B-1	60Dc-B1NG	NONE	FLCRT	NONE	NONE		
B-2	60Dc-B2NG	NONE	FLCRT	NONE	NONE		
B-3	60Dc-B3NG	NONE	FLCRT	NONE	NONE		
B-1	60Dc-B1DO	NONE	FLCRT	NONE	NONE		
B-2	60Dc-B2DO	NONE	FLCRT	NONE	NONE		
B-3	60Dc-B3DO	NONE	FLCRT	NONE	NONE		

**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)**  
**Control of Air Pollution from Sulfur Compounds**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
10/23/2023	04088	RN100518026

Unit ID No.	SOP Index No.	Fuel Type	Date of Operation	Heat Input	Control Equipment	FCAA § 412(c)	Stack Height
B-1	R200-B1	LQD	55+	250L-			
B-2	R200-B2	LQD	55+	250L-			
B-3	R200-B3	LQD	55+	250L-			

**Texas Commission on Environmental Quality**

**Cooling Tower Attributes**

**Form OP-UA13 (Page 1)**

**Federal Operating Permit Program**

**Table 1: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart Q: National Emission Standards for Hazardous Air Pollutants (HAPs) for Industrial Process Cooling Towers**

<b>Date</b>	<b>Permit No.:</b>	<b>Regulated Entity No.</b>
10/23/2023	04088	RN100518026

<b>Unit ID No.</b>	<b>SOP Index No.</b>	<b>Used Compounds Containing Chromium on or After September 8, 1994</b>	<b>Initial Start-up Date</b>
CT-1	63Q-CT1	NO	
CT-2	63Q-CT2	NO	
CT-3	63Q-CT3	NO	
CT-4	63Q-CT4	NO	

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 1)**  
**Federal Operating Permit Program**  
**Table 1a: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)**  
**Subchapter A: Visible Emissions**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
10/23/2023	04088	RN100518026

Emission Point ID No.	SOP/GOP Index No.	Alternate Opacity Limitation	AOL ID No.	Vent Source	Opacity Monitoring System	Construction Date	Effluent Flow Rate
B-1	R1111-B1DO	NO		OIL	NONE	72+	100-
B-2	R1111-B2DO	NO		OIL	NONE	72+	100-
B-3	R1111-B3DO	NO		OIL	NONE	72+	100-
CT-1	R1111-CT1	NO		OTHER	NONE	72+	100+
CT-2	R1111-CT2	NO		OTHER	NONE	72+	100+
CT-3	R1111-CT3	NO		OTHER	NONE	72+	100+
CT-4	R1111-CT4	NO		OTHER	NONE	72+	100+

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 2)**  
**Federal Operating Permit Program**  
**Table 1b: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)**  
**Subchapter A: Visible Emissions**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
10/23/2023	04088	RN100518026

Emission Point ID No.	SOP Index No.	Annual ACF	Heat Input	State Implementation Plan (SIP) Violation	Total Feed Capacity
B-1	R1111-B1DO			NO	
B-2	R1111-B2DO			NO	
B-3	R1111-B3DO			NO	
CT-1	R1111-CT1				
CT-2	R1111-CT2				
CT-3	R1111-CT3				
CT-4	R1111-CT4				

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 3)**

**Federal Operating Permit Program**

**Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**

**Subchapter B: Vent Gas Control**

**Texas Commission on Environmental Quality**

<b>Date</b>	<b>Permit No.</b>	<b>Regulated Entity No.</b>
10/23/2023	04088	RN100518026

<b>Emission Point ID No.</b>	<b>SOP/GOP Index No.</b>	<b>Chapter 115 Division</b>	<b>Combustion Exhaust</b>	<b>Vent Type</b>	<b>Total Uncontrolled VOC Weight</b>	<b>Combined 24-Hour VOC Weight</b>	<b>VOC Concentration</b>	<b>VOC Concentration or Emission Rate at Maximum Operating Conditions</b>
CT-1	R5121-CT-1	NO	NO	CLASVOC		100-	30K-	
CT-2	R5121-CT-2	NO	NO	CLASVOC		100-	30K-	
CT-3	R5121-CT-3	NO	NO	CLASVOC		100-	30K-	
CT-4	R5121-CT-4	NO	NO	CLASVOC		100-	30K-	
TO-1a	R5121-TO1a	NO	NO	CLASVOC		100+	30K-	
TO-1b	R5121-TO1b	NO	NO	CLASVOC		100+	30K-	
TO-2	R5121-TO2	NO	NO	CLASVOC		100+	30K-	
TO-3	R5121-TO3	NO	NO	CLASVOC		100+	30K-	
TO-4a	R5121-TO4a	NO	NO	CLASVOC		100+	30K-	
TO-4b	R5121-TO4b	NO	NO	CLASVOC		100+	30K-	
AS-1	R5121-AS1	NO	NO	CLASVOC		100+	30K-	
AS-2	R5121-AS2	NO	NO	CLASVOC		100+	30K-	
AS-3	R5121-AS3	NO	NO	CLASVOC		100+	30K-	



<b>Emission Point ID No.</b>	<b>SOP/GOP Index No.</b>	<b>Chapter 115 Division</b>	<b>Combustion Exhaust</b>	<b>Vent Type</b>	<b>Total Uncontrolled VOC Weight</b>	<b>Combined 24-Hour VOC Weight</b>	<b>VOC Concentration</b>	<b>VOC Concentration or Emission Rate at Maximum Operating Conditions</b>
AS-4	R5121-AS4	NO	NO	CLASVOC		100+	30K-	
AS-6	R5121-AS6	NO	NO	CLASVOC		100+	30K-	
AS-7	R5121-AS7	NO	NO	CLASVOC		100+	30K-	
AS-8	R5121-AS8	NO	NO	CLASVOC		100+	30K-	
AS-9	R5121-AS9	NO	NO	CLASVOC		100+	30K-	
AS-12	R5121-AS12	NO	NO	CLASVOC		100+	30K-	
AS-13	R5121-AS13	NO	NO	CLASVOC		100+	30K-	
AS-14	R5121-AS14	NO	NO	CLASVOC		100+	30K-	
AS-15	R5121-AS15	NO	NO	CLASVOC		100+	30K-	
AS-16	R5121-AS16	NO	NO	CLASVOC		100+	30K-	
AS-17	R5121-AS17	NO	NO	CLASVOC		100+	30K-	
AS-18	R5121-AS18	NO	NO	CLASVOC		100+	30K-	
AS-19	R5121-AS19	NO	NO	CLASVOC		100+	30K-	
AS-20	R5121-AS20	NO	NO	CLASVOC		100+	30K-	
AS-21	R5121-AS21	NO	NO	CLASVOC		100+	30K-	
AS-22	R5121-AS22	NO	NO	CLASVOC		100+	30K-	
BS-1	R5121-BS1	NO	NO	CLASVOC		100+	30K-	
BS-2	R5121-BS2	NO	NO	CLASVOC		100+	30K-	
BS-3	R5121-BS3	NO	NO	CLASVOC		100+	30K-	
BS-4	R5121-BS4	NO	NO	CLASVOC		100+	30K-	
BS-5	R5121-BS5	NO	NO	CLASVOC		100+	30K-	
BS-6	R5121-BS6	NO	NO	CLASVOC		100+	30K-	

Emission Point ID No.	SOP/GOP Index No.	Chapter 115 Division	Combustion Exhaust	Vent Type	Total Uncontrolled VOC Weight	Combined 24-Hour VOC Weight	VOC Concentration	VOC Concentration or Emission Rate at Maximum Operating Conditions
BS-7	R5121-BS7	NO	NO	CLASVOC		100+	30K-	
BS-8	R5121-BS8	NO	NO	CLASVOC		100+	30K-	
BS-9	R5121-BS9	NO	NO	CLASVOC		100+	30K-	
BS-10	R5121-BS10	NO	NO	CLASVOC		100+	30K-	
BS-11	R5121-BS11	NO	NO	CLASVOC		100+	30K-	
BS-12	R5121-BS12	NO	NO	CLASVOC		100+	30K-	
BS-X	R5121-BSX	NO	NO	CLASVOC		100+	30K-	
BS-16	R5121-BS16	NO	NO	CLASVOC		100+	30K-	
BS-17	R5121-BS17	NO	NO	CLASVOC		100+	30K-	
BS-18	R5121-BS18	NO	NO	CLASVOC		100+	30K-	
GEN1-OIL	R5121-GEN1-OIL	NO	YES					
GEN2-OIL	R5121-GEN2-OIL	NO	YES					
GEN3-OIL	R5121-GEN3-OIL	NO	YES					
GEN4-OIL	R5121-GEN4-OIL	NO	YES					
GEN5-OIL	R5121-GEN5-OIL	NO	YES					
GEN6-OIL	R5121-GEN6-OIL	NO	YES					
GEN7-OIL	R5121-GEN7-OIL	NO	YES					

<b>Emission Point ID No.</b>	<b>SOP/GOP Index No.</b>	<b>Chapter 115 Division</b>	<b>Combustion Exhaust</b>	<b>Vent Type</b>	<b>Total Uncontrolled VOC Weight</b>	<b>Combined 24-Hour VOC Weight</b>	<b>VOC Concentration</b>	<b>VOC Concentration or Emission Rate at Maximum Operating Conditions</b>
GEN8-OIL	R5121-GEN8- OIL	NO	YES					
GEN9-OIL	R5121-GEN9- OIL	NO	YES					
GEN10-OIL	R5121-GEN10- OIL	NO	YES					
GEN11-OIL	R5121-GEN11- OIL	NO	YES					
GEN12-OIL	R5121-GEN12- OIL	NO	YES					

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 4)**  
**Federal Operating Permit Program**  
**Table 2b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter B: Vent Gas Control**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
10/23/2023	04088	RN100518026

Emission Point ID No.	SOP Index No.	Alternate Control Requirement	ACR ID No.	Control Device Type	Control Device ID No.
CT-1	R5121-CT-1	NONE			
CT-2	R5121-CT-2	NONE			
CT-3	R5121-CT-3	NONE			
CT-4	R5121-CT-4	NONE			
TO-1a	R5121-TO1a	NONE		VAPCOM	TO-1a
TO-1b	R5121-TO1b	NONE		VAPCOM	TO-1b
TO-2	R5121-TO2	NONE		VAPCOM	TO-2
TO-3	R5121-TO3	NONE		VAPCOM	TO-3
TO-4a	R5121-TO4a	NONE		VAPCOM	TO-4a
TO-4b	R5121-TO4b	NONE		VAPCOM	TO-4b
AS-1	R5121-AS1	NONE		OTHER	AS-1
AS-2	R5121-AS2	NONE		OTHER	AS-2
AS-3	R5121-AS3	NONE		OTHER	AS-3
AS-4	R5121-AS4	NONE		OTHER	AS-4
AS-6	R5121-AS6	NONE		OTHER	AS-6

Emission Point ID No.	SOP Index No.	Alternate Control Requirement	ACR ID No.	Control Device Type	Control Device ID No.
AS-7	R5121-AS7	NONE		OTHER	AS-7
AS-8	R5121-AS8	NONE		OTHER	AS-8
AS-9	R5121-AS9	NONE		OTHER	AS-9
AS-12	R5121-AS12	NONE		OTHER	AS-12
AS-13	R5121-AS13	NONE		OTHER	AS-13
AS-14	R5121-AS14	NONE		OTHER	AS-14
AS-15	R5121-AS15	NONE		OTHER	AS-15
AS-16	R5121-AS16	NONE		OTHER	AS-16
AS-17	R5121-AS17	NONE		OTHER	AS-17
AS-18	R5121-AS18	NONE		OTHER	AS-18
AS-19	R5121-AS19	NONE		OTHER	AS-19
AS-20	R5121-AS20	NONE		OTHER	AS-20
AS-21	R5121-AS21	NONE		OTHER	AS-21
AS-22	R5121-AS22	NONE		OTHER	AS-22
BS-1	R5121-BS1	NONE		OTHER	BS-1
BS-2	R5121-BS2	NONE		OTHER	BS-2
BS-3	R5121-BS3	NONE		OTHER	BS-3
BS-4	R5121-BS4	NONE		OTHER	BS-4
BS-5	R5121-BS5	NONE		OTHER	BS-5
BS-6	R5121-BS6	NONE		OTHER	BS-6
BS-7	R5121-BS7	NONE		OTHER	BS-7
BS-8	R5121-BS8	NONE		OTHER	BS-8
BS-9	R5121-BS9	NONE		OTHER	BS-9
BS-10	R5121-BS10	NONE		OTHER	BS-10

Emission Point ID No.	SOP Index No.	Alternate Control Requirement	ACR ID No.	Control Device Type	Control Device ID No.
BS-11	R5121-BS11	NONE		OTHER	BS-11
BS-12	R5121-BS12	NONE		OTHER	BS-12
BS-X	R5121-BSX	NONE		OTHER	BS-X
BS-16	R5121-BS16	NONE		OTHER	BS-16
BS-17	R5121-BS17	NONE		OTHER	BS-17
BS-18	R5121-BS18	NONE		OTHER	BS-18
GEN1-OIL	R5121-GEN1-OIL	NONE			
GEN2-OIL	R5121-GEN2-OIL	NONE			
GEN3-OIL	R5121-GEN3-OIL	NONE			
GEN4-OIL	R5121-GEN4-OIL	NONE			
GEN5-OIL	R5121-GEN5-OIL	NONE			
GEN6-OIL	R5121-GEN6-OIL	NONE			
GEN7-OIL	R5121-GEN7-OIL	NONE			
GEN8-OIL	R5121-GEN8-OIL	NONE			
GEN9-OIL	R5121-GEN9-OIL	NONE			
GEN10-OIL	R5121-GEN10-OIL	NONE			
GEN11-OIL	R5121-GEN11-OIL	NONE			
GEN12-OIL	R5121-GEN12-OIL	NONE			

**FORM OP-SUMR**

**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.
10/23/2023	O4088	RN100518026

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
A	1	GRP-OILVNT	OP-UA15	GEN12-OIL		31811	



**FORM OP-PBRSUP**

**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
10/23/2023	O4088	RN100518026

Unit ID No.	Registration No.	PBR No.	Registration Date
FWP1	170895	106.511	11/02/2022
EGEN5, EGEN6, EGEN8	169219	106.511	05/31/2022
WAFERSHRED	164001	106.261	02/22/2021

**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
10/23/2023	O4088	RN100518026

Unit ID No.	PBR No.	Version No./Date
Powder Coating	106.434	09/04/2000
T-100	106.472	09/04/2000
Process CO	106.225	09/04/2000
CULT-U2101, CULT-U2102	106.472	09/04/2000
B-7 through B-12, B-14 through B-22	106.183	09/04/2000
Welding	106.227	09/04/2000
CT-1 through CT-4	106.371	09/04/2000
CUB1 Diesel Tank, Generator Building Diesel Tank, DRT-1, DRT-2, DRT-3	106.472	09/04/2000
GT-1	106.473	09/04/2000
Routine MSS and Temporary Maintenance (Wastewater Tanks Refinishing, Concrete Slab Sandblasting)	106.263	11/01/2001
Handheld and Manually Operated Machines	106.265	09/04/2000

Unit ID No.	PBR No.	Version No./Date
Process Vacuum, House Vacuum	106.266	09/04/2000
CT-1 through CT-4	106.371	03/14/1997
Storage or Holding of Dry Natural Gas	106.471	09/04/2000
DI-1 through DI-5	106.472	03/14/1997
IWT1 – AWW, IWT1 – CWW, IWT1 – FWW	106.532	03/14/1997
IWT2 – AWW1, IWT2 – FWW1, IWT2 – AWW2, IWT2 – FWW2, IWT3 – AWW3	106.532	09/04/2000
FUELLOAD	106.412	09/04/2000

**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
10/23/2023	O-4088	RN100518026

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
FWP1	106.511	170895	Keep records of monthly engine run time hours and identify whether for maintenance or emergency purposes.
EGEN5, EGEN6, EGEN8	106.511	169219	Keep records of monthly engine run time hours and identify whether for maintenance or emergency purposes.
WAFERSHRED	106.261	164001	Maintain records of hourly and annual emission rates as identified in 106.261(a)(2)-(3). Maintain no visible emissions, except uncombined water, to the atmosphere from any point or fugitive source shall not exceed 5.0% opacity in any six-minute period.
Powder Coating	106.434	09/04/2000	Maintain records that the surface coating operations are utilizing powder coating materials with the powder applied by an electrostatic powder spray gun or an electrostatic fluidized bed.
T-100	106.472	09/04/2000	Maintain no visible emissions and chemicals loaded, unloaded, or stored are limited to 106.472(1)-(9).
Process CO	106.225	09/04/2000	Maintain records of hourly and annual emission rates as identified in 106.225(2), (10) and that the emission rates satisfy the criteria identified in 106.225(7), (8), (9). Maintain records of the facility baseline GLCs and the modeling methodology used. Maintain records that ground-level concentrations satisfy 106.225(11).
CULT-U2101, CULT-U2102	106.472	09/04/2000	Maintain no visible emissions and chemicals loaded, unloaded, or stored are limited to 106.472(1)-(9).
B-7 through B-12, B-14 through B-22	106.183	09/04/2000	Maintain records of each boiler's heat rate, and that the boilers will only fire sweet natural gas, fuel oil, or distillate fuel oil provided that the fuel satisfies the sulfur limitations of 106.183(2)(C),(3). Records of fuel oil firing and purchases shall be maintained on a two-year rolling retention period
Welding	106.227	09/04/2000	Keep records of brazing, soldering, or welding equipment with less than 0.6 ton per year or more of lead emitted.
CT-1 through CT-4	106.371	09/04/2000	Maintain records that Cooling Water Units will not be in direct contact with gaseous or liquid process streams.

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
CUB1 Diesel Tank, Generator Building Diesel Tank, DRT-1, DRT-2, DRT-3	106.472	09/04/2000	Maintain no visible emissions and chemicals loaded, unloaded, or stored are limited to 106.472(1)-(9).
GT-1	106.473	09/04/2000	If for loading/unloading: Maintain records to demonstrate the loading rate does not exceed 20,000 gallon/day, 30-day average. If for tank: Maintain records that the true vapor pressure of the material stored in the tank is less than 11.0 psia at maximum temperature of use.
Routine MSS and Temporary Maintenance (Wastewater Tanks Refinishing, Concrete Slab Sandblasting)	106.263	11/01/2001	Maintain records for all maintenance, start-up, or shutdown activities and temporary maintenance facilities so that there is sufficient information to determine compliance with this section including (1) the type and reason for the activity or facility construction; (2) the processes and equipment involved; (3) the date, time, and duration of the activity or facility operation; and (4) the air contaminants and amounts which are emitted as a result of the activity or facility operation.
Handheld and Manually Operated Machines	106.265	09/04/2000	No routine monitoring. If units are modified, verify equipment is used for buffing, polishing, carving, cutting, drilling, machining, routing, sanding, sawing, surface grinding, or turning of ceramic art work, ceramic precision parts, leather, metals, plastics, fiber board, masonry, carbon, glass, graphite, or wood.
Process Vacuum, House Vacuum	106.266	09/04/2000	Maintain records that the vacuum cleaning systems are used exclusively for industrial, commercial, or residential housekeeping purposes.
CT-1 through CT-4	106.371	03/14/1997	Maintain records that Cooling Water Units will not be in direct contact with gaseous or liquid process streams.
Storage or Holding of Dry Natural Gas	106.471	09/04/2000	Maintain records that the equipment is used exclusively to store or hold dry natural gas.
DI-1 through DI-5	106.472	03/14/1997	Maintain no visible emissions and chemicals loaded, unloaded, or stored are limited to 106.472(1)-(9).
IWT1 – AWW, IWT1 – CWW, IWT1 – FWW	106.532	03/14/1997	Verify that the facility will only perform the functions listed in the PBR and chlorine or sulfur dioxide emissions will not exceed 10 tons per year
IWT2 – AWW1, IWT2 – FWW1, IWT2 – AWW2, IWT2 – FWW2, IWT3 – AWW3	106.532	09/04/2000	Verify that the facility will only perform the functions listed in the PBR and chlorine or sulfur dioxide emissions will not exceed 10 tons per year
FUELLOAD	106.412	09/04/2000	Maintain records that the equipment is used to store and dispense motor fuels. The PBR has no ongoing requirements.

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 1)**

**Federal Operating Permit Program**

**Table 1a: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)**

**Subchapter A: Visible Emissions**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
10/23/2023	04088	RN100518026

Emission Point ID No.	SOP/GOP Index No.	Alternate Opacity Limitation	AOL ID No.	Vent Source	Opacity Monitoring System	Construction Date	Effluent Flow Rate
B-1	R1111-B1DO	NO		OIL	NONE	72+	100-
B-2	R1111-B2DO	NO		OIL	NONE	72+	100-
B-3	R1111-B3DO	NO		OIL	NONE	72+	100-
CT-1	R1111-CT1	NO		OTHER	NONE	72+	100+
CT-2	R1111-CT2	NO		OTHER	NONE	72+	100+
CT-3	R1111-CT3	NO		OTHER	NONE	72+	100+
CT-4	R1111-CT4	NO		OTHER	NONE	72+	100+



**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 2)**  
**Federal Operating Permit Program**  
**Table 1b: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)**  
**Subchapter A: Visible Emissions**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
10/23/2023	04088	RN100518026

Emission Point ID No.	SOP Index No.	Annual ACF	Heat Input	State Implementation Plan (SIP) Violation	Total Feed Capacity
B-1	R1111-B1DO			NO	
B-2	R1111-B2DO			NO	
B-3	R1111-B3DO			NO	
CT-1	R1111-CT1				
CT-2	R1111-CT2				
CT-3	R1111-CT3				
CT-4	R1111-CT4				

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 3)**

**Federal Operating Permit Program**

**Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**

**Subchapter B: Vent Gas Control**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
10/23/2023	04088	RN100518026

Emission Point ID No.	SOP/GOP Index No.	Chapter 115 Division	Combustion Exhaust	Vent Type	Total Uncontrolled VOC Weight	Combined 24-Hour VOC Weight	VOC Concentration	VOC Concentration or Emission Rate at Maximum Operating Conditions
CT-1	R5121-CT-1	NO	NO	CLASVOC		100-	30K-	
CT-2	R5121-CT-2	NO	NO	CLASVOC		100-	30K-	
CT-3	R5121-CT-3	NO	NO	CLASVOC		100-	30K-	
CT-4	R5121-CT-4	NO	NO	CLASVOC		100-	30K-	
TO-1a	R5121-TO1a	NO	NO	CLASVOC		100+	30K-	
TO-1b	R5121-TO1b	NO	NO	CLASVOC		100+	30K-	
TO-2	R5121-TO2	NO	NO	CLASVOC		100+	30K-	
TO-3	R5121-TO3	NO	NO	CLASVOC		100+	30K-	
TO-4a	R5121-TO4a	NO	NO	CLASVOC		100+	30K-	
TO-4b	R5121-TO4b	NO	NO	CLASVOC		100+	30K-	
AS-1	R5121-AS1	NO	NO	CLASVOC		100+	30K-	
AS-2	R5121-AS2	NO	NO	CLASVOC		100+	30K-	
AS-3	R5121-AS3	NO	NO	CLASVOC		100+	30K-	

<b>Emission Point ID No.</b>	<b>SOP/GOP Index No.</b>	<b>Chapter 115 Division</b>	<b>Combustion Exhaust</b>	<b>Vent Type</b>	<b>Total Uncontrolled VOC Weight</b>	<b>Combined 24-Hour VOC Weight</b>	<b>VOC Concentration</b>	<b>VOC Concentration or Emission Rate at Maximum Operating Conditions</b>
AS-4	R5121-AS4	NO	NO	CLASVOC		100+	30K-	
AS-6	R5121-AS6	NO	NO	CLASVOC		100+	30K-	
AS-7	R5121-AS7	NO	NO	CLASVOC		100+	30K-	
AS-8	R5121-AS8	NO	NO	CLASVOC		100+	30K-	
AS-9	R5121-AS9	NO	NO	CLASVOC		100+	30K-	
AS-12	R5121-AS12	NO	NO	CLASVOC		100+	30K-	
AS-13	R5121-AS13	NO	NO	CLASVOC		100+	30K-	
AS-14	R5121-AS14	NO	NO	CLASVOC		100+	30K-	
AS-15	R5121-AS15	NO	NO	CLASVOC		100+	30K-	
AS-16	R5121-AS16	NO	NO	CLASVOC		100+	30K-	
AS-17	R5121-AS17	NO	NO	CLASVOC		100+	30K-	
AS-18	R5121-AS18	NO	NO	CLASVOC		100+	30K-	
AS-19	R5121-AS19	NO	NO	CLASVOC		100+	30K-	
AS-20	R5121-AS20	NO	NO	CLASVOC		100+	30K-	
AS-21	R5121-AS21	NO	NO	CLASVOC		100+	30K-	
AS-22	R5121-AS22	NO	NO	CLASVOC		100+	30K-	
BS-1	R5121-BS1	NO	NO	CLASVOC		100+	30K-	
BS-2	R5121-BS2	NO	NO	CLASVOC		100+	30K-	
BS-3	R5121-BS3	NO	NO	CLASVOC		100+	30K-	
BS-4	R5121-BS4	NO	NO	CLASVOC		100+	30K-	
BS-5	R5121-BS5	NO	NO	CLASVOC		100+	30K-	
BS-6	R5121-BS6	NO	NO	CLASVOC		100+	30K-	

Emission Point ID No.	SOP/GOP Index No.	Chapter 115 Division	Combustion Exhaust	Vent Type	Total Uncontrolled VOC Weight	Combined 24-Hour VOC Weight	VOC Concentration	VOC Concentration or Emission Rate at Maximum Operating Conditions
BS-7	R5121-BS7	NO	NO	CLASVOC		100+	30K-	
BS-8	R5121-BS8	NO	NO	CLASVOC		100+	30K-	
BS-9	R5121-BS9	NO	NO	CLASVOC		100+	30K-	
BS-10	R5121-BS10	NO	NO	CLASVOC		100+	30K-	
BS-11	R5121-BS11	NO	NO	CLASVOC		100+	30K-	
BS-12	R5121-BS12	NO	NO	CLASVOC		100+	30K-	
BS-X	R5121-BSX	NO	NO	CLASVOC		100+	30K-	
BS-16	R5121-BS16	NO	NO	CLASVOC		100+	30K-	
BS-17	R5121-BS17	NO	NO	CLASVOC		100+	30K-	
BS-18	R5121-BS18	NO	NO	CLASVOC		100+	30K-	
GEN1-OIL	R5121-GEN1-OIL	NO	YES					
GEN2-OIL	R5121-GEN2-OIL	NO	YES					
GEN3-OIL	R5121-GEN3-OIL	NO	YES					
GEN4-OIL	R5121-GEN4-OIL	NO	YES					
GEN5-OIL	R5121-GEN5-OIL	NO	YES					
GEN6-OIL	R5121-GEN6-OIL	NO	YES					
GEN7-OIL	R5121-GEN7-OIL	NO	YES					

Emission Point ID No.	SOP/GOP Index No.	Chapter 115 Division	Combustion Exhaust	Vent Type	Total Uncontrolled VOC Weight	Combined 24-Hour VOC Weight	VOC Concentration	VOC Concentration or Emission Rate at Maximum Operating Conditions
GEN8-OIL	R5121-GEN8-OIL	NO	YES					
GEN9-OIL	R5121-GEN9-OIL	NO	YES					
GEN10-OIL	R5121-GEN10-OIL	NO	YES					
GEN11-OIL	R5121-GEN11-OIL	NO	YES					
GEN12-OIL	R5121-GEN12-OIL	NO	YES					

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 4)**  
**Federal Operating Permit Program**  
**Table 2b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter B: Vent Gas Control**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
10/23/2023	04088	RN100518026

Emission Point ID No.	SOP Index No.	Alternate Control Requirement	ACR ID No.	Control Device Type	Control Device ID No.
CT-1	R5121-CT-1	NONE			
CT-2	R5121-CT-2	NONE			
CT-3	R5121-CT-3	NONE			
CT-4	R5121-CT-4	NONE			
TO-1a	R5121-TO1a	NONE		VAPCOM	TO-1a
TO-1b	R5121-TO1b	NONE		VAPCOM	TO-1b
TO-2	R5121-TO2	NONE		VAPCOM	TO-2
TO-3	R5121-TO3	NONE		VAPCOM	TO-3
TO-4a	R5121-TO4a	NONE		VAPCOM	TO-4a
TO-4b	R5121-TO4b	NONE		VAPCOM	TO-4b
AS-1	R5121-AS1	NONE		OTHER	AS-1
AS-2	R5121-AS2	NONE		OTHER	AS-2
AS-3	R5121-AS3	NONE		OTHER	AS-3
AS-4	R5121-AS4	NONE		OTHER	AS-4
AS-6	R5121-AS6	NONE		OTHER	AS-6

Emission Point ID No.	SOP Index No.	Alternate Control Requirement	ACR ID No.	Control Device Type	Control Device ID No.
AS-7	R5121-AS7	NONE		OTHER	AS-7
AS-8	R5121-AS8	NONE		OTHER	AS-8
AS-9	R5121-AS9	NONE		OTHER	AS-9
AS-12	R5121-AS12	NONE		OTHER	AS-12
AS-13	R5121-AS13	NONE		OTHER	AS-13
AS-14	R5121-AS14	NONE		OTHER	AS-14
AS-15	R5121-AS15	NONE		OTHER	AS-15
AS-16	R5121-AS16	NONE		OTHER	AS-16
AS-17	R5121-AS17	NONE		OTHER	AS-17
AS-18	R5121-AS18	NONE		OTHER	AS-18
AS-19	R5121-AS19	NONE		OTHER	AS-19
AS-20	R5121-AS20	NONE		OTHER	AS-20
AS-21	R5121-AS21	NONE		OTHER	AS-21
AS-22	R5121-AS22	NONE		OTHER	AS-22
BS-1	R5121-BS1	NONE		OTHER	BS-1
BS-2	R5121-BS2	NONE		OTHER	BS-2
BS-3	R5121-BS3	NONE		OTHER	BS-3
BS-4	R5121-BS4	NONE		OTHER	BS-4
BS-5	R5121-BS5	NONE		OTHER	BS-5
BS-6	R5121-BS6	NONE		OTHER	BS-6
BS-7	R5121-BS7	NONE		OTHER	BS-7
BS-8	R5121-BS8	NONE		OTHER	BS-8
BS-9	R5121-BS9	NONE		OTHER	BS-9
BS-10	R5121-BS10	NONE		OTHER	BS-10

Emission Point ID No.	SOP Index No.	Alternate Control Requirement	ACR ID No.	Control Device Type	Control Device ID No.
BS-11	R5121-BS11	NONE		OTHER	BS-11
BS-12	R5121-BS12	NONE		OTHER	BS-12
BS-X	R5121-BSX	NONE		OTHER	BS-X
BS-16	R5121-BS16	NONE		OTHER	BS-16
BS-17	R5121-BS17	NONE		OTHER	BS-17
BS-18	R5121-BS18	NONE		OTHER	BS-18
GEN1-OIL	R5121-GEN1-OIL	NONE			
GEN2-OIL	R5121-GEN2-OIL	NONE			
GEN3-OIL	R5121-GEN3-OIL	NONE			
GEN4-OIL	R5121-GEN4-OIL	NONE			
GEN5-OIL	R5121-GEN5-OIL	NONE			
GEN6-OIL	R5121-GEN6-OIL	NONE			
GEN7-OIL	R5121-GEN7-OIL	NONE			
GEN8-OIL	R5121-GEN8-OIL	NONE			
GEN9-OIL	R5121-GEN9-OIL	NONE			
GEN10-OIL	R5121-GEN10-OIL	NONE			
GEN11-OIL	R5121-GEN11-OIL	NONE			
GEN12-OIL	R5121-GEN12-OIL	NONE			



**From:** [eNotice TCEQ](#)  
**To:** [sarah.eckhardt@senate.texas.gov](mailto:sarah.eckhardt@senate.texas.gov); [james.talarico@house.texas.gov](mailto:james.talarico@house.texas.gov)  
**Subject:** TCEQ Notice - Permit Number O4088  
**Date:** Friday, October 27, 2023 4:42:59 PM  
**Attachments:** [TCEQ Notice - O4088 35842.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.

**From:** [Johnny Bowers](#)  
**To:** [Richard Suniga](#)  
**Subject:** FW: STEERS Title V Application Submittal (New Application)  
**Date:** Friday, October 27, 2023 8:17:24 AM

---

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: Thursday, October 26, 2023 4:29 PM  
To: RFCAIR11 <[RFCAIR11@tceq.texas.gov](mailto:RFCAIR11@tceq.texas.gov)>; [pharr.andrews@austintexas.gov](mailto:pharr.andrews@austintexas.gov); [janet.pichette@austintexas.gov](mailto:janet.pichette@austintexas.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 David Ellingsworth. The submittal was received at 10/26/2023 04:28 PM.

The Reference number for this submittal is 600147

The confirmation number for this submittal is 495776.

The Area ID for this submittal is 4088.

The Project ID for this submittal is 35842.

The hash code for this submittal is

586BB971CA9836C88D6EDAFE4D929485B5B5DEE90C99AA916354BDB9472A1043.

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).

[Skip to main content](#)



## THE TEXAS SENATE

### Senator Sarah Eckhardt: District 14



Legislative Experience: Senate Member: 2020 - present

Hometown: Austin

Party: Democrat

Sarah Eckhardt is honored to have been elected the Senator for Travis County in July of 2020.

Senator Eckhardt has deep roots in Central Texas and deep commitment to improving opportunity for all Texans. After receiving an LBJ School Master of Public Affairs and law degree from the University of Texas at Austin in 1998,

Eckhardt worked for eight years as an Assistant Travis County Attorney. From 2006-2013 she served as Travis County Commissioner representing 300,000 people. From 2015-2020 she served as the Travis County Judge presiding over the Commissioners Court and representing 1.3 million people.

Senator Eckhardt believes that elective office is a temporary trust bestowed by the people who elect her. She values policy above politics. And she believes that government exists to assure that opportunity is within reach of every Texan. Government should be effective, efficient, fair and minimally intrusive.


Eckhardt's public service experience includes emergency response, health care, workforce and economic development, criminal justice, water policy, transportation, and budget and finance. Some of her previous accomplishments include curtailing the spread of COVID-19 in Central Texas through early and decisive region-wide orders, preserving more than 30,000 acres of green space, building a multi-county collaboration for the preservation of groundwater, maintaining a vibrant construction economy while raising safety standards for workers, establishing a Travis County Public Defender's Office, and instituting jail and arrest diversion programs that support justice and public safety.

Senator Eckhardt learned public service from her mother and father and is inspired to continue serving by her son and daughter. Her mother Nadine Eckhardt and her father Congressman Bob Eckhardt served Texas and especially the most vulnerable Texans in the halls of the State Capitol and the US Capitol. Her children Nadine and Hank inspire her daily to make Texas a better place for generations to come.


### Press Room

03/06/2023 ►

VIDEO: [Press conference regarding access to abortion and contraceptive services](#)

01/19/2021 

Pandemic Protocols for Senate District 14 Capitol and District Offices

01/12/2021 

Senator Sarah Eckhardt Announces Her Top Policy Priorities for the 87th Texas Legislature

[more...](#)

## **Newsletters**

## **Office Information**

### **Capitol Address**

Physical Address

The Honorable Sarah Eckhardt

1100 Congress Ave

E1.804

Austin, Texas 78701

Mailing Address:

The Honorable Sarah Eckhardt

P.O. Box 12068

Capitol Station

Austin, TX 78711

(512) 463-0114 (TEL)

(512) 463-5949 (FAX)

## **Committee Membership**

- [Local Government](#)
- [Nominations](#)
- [Transportation](#)
- [Veteran Affairs](#)

## **District Analysis: District 14**



- [District Profile: Population, Households, Education, Employment, Income and Analysis](#)
- [Population Analysis](#)
- [Precinct and Districts](#)
- [Cities and Census Designated Places](#)
- [School Districts](#)
- [General Election Analysis](#)

(Click the map to view a detailed district map in PDF format)



## Texas House Member

Browse by District: #  Member:

**Rep. Talarico,  
James  
District 50**

[Email](#)

**Capitol Address:**

Room E2.902

P.O. Box 2910

Austin, TX 78768

(512) 463-0821

(512) 463-1469 Fax

**District Address:**

**Bills  
Authored/Sponsored  
88th Legislature:**

Authored (including  
Joint)

88(1) 88(2)

Co-Authored 88(1)  
88(2)

Sponsored (including  
Joint)

88(1) 88(2)

Co-Sponsored 88(1)  
88(2)

**Committees:**

Calendars

Educational Opportunity  
& Enrichment, Select

Juvenile Justice & Family  
Issues

Public Education

**District Analyses:**

District Profile Reports

Population Analysis

School Districts

Cities and CDPs

Precincts within  
Districts

Election Analysis

ZIP Codes by District

**Counties Represented:**

Travis (part)

**District:**

District Map

[Biography](#)

[Media](#)

[Newsletters](#)

[Press Conference](#)

### Biography

Representative James Talarico is a former public school teacher first elected to serve in the Texas House of Representatives in 2018. Born in Round Rock, Rep. Talarico attended Wells Branch Elementary School and graduated from McNeil High School before earning degrees from The University of Texas at Austin and Harvard University. After college, he taught middle school on the Westside of San Antonio. He currently sits on the Public Education Committee, the Juvenile Justice and Family Issues Committee, and the Calendars Committee.

As a former teacher, Rep. Talarico has worked to ensure all Texas students have access to a quality education. In his first term, he helped write the most significant reform to the state's school finance system in 20 years. He went on to pass major legislation to open up millions of dollars for student mental health and character education programs, establish the first-ever cap on Pre-K class sizes to reduce student-to-teacher ratios, and improve the quality and affordability of child care.

As a type 1 diabetic, Rep. Talarico also passed historic legislation to cap insulin copays in Texas at \$25 a month and import low-cost prescription drugs from Canada — dramatically reducing prescription drug costs for Texas patients. In addition, he passed laws to combat teen fentanyl overdoses, ban reality TV policing, increase accountability within the Texas Juvenile Justice Department, and give all incarcerated minors in Texas the opportunity to earn a high school diploma.

For these accomplishments, Talarico was named one of the Top 10 Best Legislators by Texas Monthly magazine.

### Media

### Member Press Releases

#### February

02/16/2021

**Talarico Demands Investigation into Texas Blackouts**

by: Rep. Talarico, James

#### November

11/10/2020

**Rep. Talarico Files Bill to Fund Social-Emotional Learning in Schools**  
by: Rep. Talarico, James

## **January**

**01/19/2019**

**Talarico Appointed to the Public Education Committee**  
by: Rep. Talarico, James

### **Newsletters:**

No newsletters have been submitted

### **Press Conferences:**

All Press Conferences

## General Information

[All Locations & Hours](#)[Holiday Schedule](#)[Central Library](#)[Austin History Center](#)[Recycled Reads Bookstore](#)

## Little Walnut Creek Branch

512-974-9860

835 W. Rundberg Ln.

Mobile printing is available at the Little Walnut Creek Branch. Please visit [library.austintexas.gov/alwprint](http://library.austintexas.gov/alwprint) for more information and to submit a job.

[Mobile Printing - Little Walnut Creek Branch](#)

The Little Walnut Creek Branch is located in Council District 4 of the City of Austin.

**Sunday:** 12:00 pm-5:00 pm**Monday:** 9:00 am-8:00 pm**Tuesday:** 9:00 am-8:00 pm**Wednesday:** 9:00 am-8:00 pm**Thursday:** 9:00 am-8:00 pm**Friday:** 9:00 am-5:00 pm**Saturday:** 10:00 am-5:00 pm

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chatear en vivo ahora



Jon Niermann, *Chairman*  
Emily Lindley, *Commissioner*  
Bobby Janecka, *Commissioner*  
Kelly Keel, *Interim Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

October 27, 2023

THE HONORABLE SARAH ECKHARDT  
TEXAS SENATE  
PO BOX 12068  
AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Renewal Application  
Project Number: 35842  
Permit Number: O4088  
Samsung Austin Semiconductor, L.L.C.  
Samsung Austin Semiconductor 1  
Austin, Travis County  
Regulated Entity Number: RN100518026  
Customer Reference Number: CN602914442

Dear Senator Eckhardt:

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=-97.638377,30.373396&level=13>.

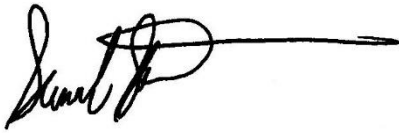
The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment 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 Sarah Eckhardt  
Page 2  
October 27, 2023

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*  
Emily Lindley, *Commissioner*  
Bobby Janecka, *Commissioner*  
Kelly Keel, *Interim Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

October 27, 2023

THE HONORABLE JAMES TALARICO  
TEXAS HOUSE OF REPRESENTATIVES  
PO BOX 2910  
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Renewal Application  
Project Number: 35842  
Permit Number: O4088  
Samsung Austin Semiconductor, L.L.C.  
Samsung Austin Semiconductor 1  
Austin, Travis County  
Regulated Entity Number: RN100518026  
Customer Reference Number: CN602914442

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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

**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: 100518026		CN: 602914442		Account No.: TH0602A	
Permit No.: O4088			Project No.: TBD		
Area Name: Samsung Austin Semiconductor			Company Name: Samsung Austin Semiconductor, LLC		
<b>II. Certification Type</b> (Please mark the appropriate box)					
<input checked="" type="checkbox"/> Responsible Official			<input type="checkbox"/> Duly Authorized Representative		
<b>III. Submittal Type</b> (Please mark the appropriate box) (Only one response can be accepted per form)					
<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>David Ellingsworth</u> certify that I am the <u>RO</u> (Certifier Name printed or typed) (RO or DAR)					
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:					
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).					
Time Period: From <u>10/23/2023</u> to _____ <div style="display: flex; justify-content: space-around; width: 100%;"> <span>Start Date</span> <span>End Date</span> </div>					
Specific Dates: _____ <div style="display: flex; justify-content: space-around; width: 100%;"> <span>Date 1</span> <span>Date 2</span> <span>Date 3</span> <span>Date 4</span> <span>Date 5</span> <span>Date 6</span> </div>					
Signature: 			Signature Date: <u>10/23/23</u>		
Title: <u>Director, EH&amp;S</u>					

**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 Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
10/23/2023	04088	RN100518026

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
B-1	60Dc-B1NG	89-05	10-100	NONE	10-30	NG			OTHR	OTHR	NO
B-2	60Dc-B2NG	89-05	10-100	NONE	10-30	NG			OTHR	OTHR	NO
B-3	60Dc-B3NG	89-05	10-100	NONE	10-30	NG			OTHR	OTHR	NO
B-1	60Dc-B1DO	89-05	10-100	NONE	10-30	DOIL			OTHR	OTHR	NO
B-2	60Dc-B2DO	89-05	10-100	NONE	10-30	DOIL			OTHR	OTHR	NO
B-3	60Dc-B3DO	89-05	10-100	NONE	10-30	DOIL			OTHR	OTHR	NO
B-7	60Dc-B7NG	05+	10-								
B-8	60Dc-B8NG	05+	10-								
B-9	60Dc-B9NG	05+	10-								
B-10	60Dc-B10NG	05+	10-								
B-11	60Dc-B11NG	05+	10-								

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 SO2	ACF Option PM	30% Coal Duct Burner
B-12	60Dc-B12NG	05+	10-								
B-13	60Dc-B13NG	05+	10-								
B-14	60Dc-B14NG	05+	10-								
B-15	60Dc-B15NG	05+	10-								
B-16	60Dc-B16NG	05+	10-								
B-17	60Dc-B17NG	05+	10-								
B-18	60Dc-B18NG	05+	10-								
B-19	60Dc-B19NG	05+	10-								
B-20	60Dc-B20NG	05+	10-								
B-21	60Dc-B21NG	05+	10-								
B-22	60Dc-B22NG	05+	10-								
B-23	60Dc-B23NG	05+	10-								

**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 Steam Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
10/23/2023	04088	RN100518026

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
B-1	60Dc-B1NG	NONE	FLCRT	NONE	NONE		
B-2	60Dc-B2NG	NONE	FLCRT	NONE	NONE		
B-3	60Dc-B3NG	NONE	FLCRT	NONE	NONE		
B-1	60Dc-B1DO	NONE	FLCRT	NONE	NONE		
B-2	60Dc-B2DO	NONE	FLCRT	NONE	NONE		
B-3	60Dc-B3DO	NONE	FLCRT	NONE	NONE		

**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)**  
**Control of Air Pollution from Sulfur Compounds**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
10/23/2023	04088	RN100518026

Unit ID No.	SOP Index No.	Fuel Type	Date of Operation	Heat Input	Control Equipment	FCAA § 412(c)	Stack Height
B-1	R200-B1	LQD	55+	250L-			
B-2	R200-B2	LQD	55+	250L-			
B-3	R200-B3	LQD	55+	250L-			



**Texas Commission on Environmental Quality**  
**Loading/Unloading Operations Attributes**  
**Form OP-UA04 (Page 1)**  
**Federal Operating Permit Program**  
**Table 1a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter C: Loading and Unloading of Volatile Organic Compounds**

Date	Permit No.:	Regulated Entity No.
10/23/2023	O4088	RN100518026

Unit ID No.	SOP/GOP Index No.	Chapter 115 Facility Type	Alternate Control Requirement (ACR)	ACR ID No.	Product Transferred	Transfer Type	True Vapor Pressure	Daily Through-put	Control Options
TRUCKLOAD	R5211-LOAD1	OTHER	NONE		VOC2	LOAD	1.5-		
TRUCKLOAD2	R5211-LOAD2	OTHER	NONE		VOC2	LOAD	1.5-		
DSLUNLOAD	R5211-DUL1	OTHER	NONE		VOC2	UNLOAD	1.5-		
DSLUNLOAD2	R5211-DUL2	OTHER	NONE		VOC2	UNLOAD	1.5-		
GASUNLOAD	R5211-GUL1	OTHER	NONE		GAS2	UNLOAD	1.5+		

**Storage Tank/Vessel Attributes**  
**Form OP-UA3 (Page 3)**  
**Federal Operating Permit Program**  
**Table 3: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart Kb: Standards of Performance for Volatile Organic Liquid Storage Vessels**  
**(Including Petroleum Liquid Storage Vessels)**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
10/23/2023	04088	RN100518026

Unit ID No.	SOP/GOP Index No.	Product Stored	Storage Capacity	WW Tank Control	Maximum TVP	Storage Vessel Description	AMEL ID No.	Guidepole	Reid Vapor Pressure	Control Device ID No.
ST-1	60Kb-ST-1	OTHER3								
ST-2	60Kb-ST-2	OTHER3								
ST-3	60Kb-ST-3	OTHER3								
ST-8	60Kb-ST-8	VOL	10K-							
ST-9	60Kb-ST-9	VOL	10K-							
ST-10	60Kb-ST-10	VOL	10K-							
ST-12	60Kb-ST-12	OTHER3								
ST-14	60Kb-ST-14	OTHER3								
ST-15	60Kb-ST-15	OTHER3								
ST-16	60Kb-ST-16	VOL	10K-							
ST-21	60Kb-ST-21	OTHER3								

Unit ID No.	SOP/GOP Index No.	Product Stored	Storage Capacity	WW Tank Control	Maximum TVP	Storage Vessel Description	AMEL ID No.	Guidepole	Reid Vapor Pressure	Control Device ID No.
ST-22	60Kb-ST-22	OTHER3								
ST-23	60Kb-ST-23	OTHER3								
ST-24	60Kb-ST-24	VOL	10K-							
ST-26	60Kb-ST-26	OTHER3								
ST-27	60Kb-ST-27	VOL	10K-							
ST-28	60Kb-ST-28	VOL	10K-							
ST-29	60Kb-ST-29	OTHER3								
ST-30	60Kb-ST-30	OTHER3								
ST-31	60Kb-ST-31	OTHER3								
ST-32	60Kb-ST-32	VOL	10K-							
ST-33	60Kb-ST-33	VOL	10K-							
ST-34	60Kb-ST-34	OTHER3								
ST-35	60Kb-ST-35	OTHER3								
ST-36	60Kb-ST-36	OTHER3								
ST-37	60Kb-ST-37	OTHER3								
ST-38	60Kb-ST-38	OTHER3								
DT-1	60Kb-DT-1	PTLQ-3	10K-20K							
DT-2	60Kb-DT-2	PTLQ-3	10K-							
DT-3	60Kb-DT-3	PTLQ-3	10K-							

TCEQ - 10008 (APD-ID37v3, Revised 11/22) OP-UA3

This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V Release 11/22)

Unit ID No.	SOP/GOP Index No.	Product Stored	Storage Capacity	WW Tank Control	Maximum TVP	Storage Vessel Description	AMEL ID No.	Guidepole	Reid Vapor Pressure	Control Device ID No.
GT-1	60Kb-GT-1	GASSTN								
DRT-1	60Kb-DRT-1	PTLQ-3	10K-							
DRT-2	60Kb-DRT-2	PTLQ-3	10K-							
DRT-3	60Kb-DRT-3	PTLQ-3	10K-							

**Storage Tank/Vessel Attributes**  
**Form OP-UA3 (Page 4)**  
**Federal Operating Permit Program**  
**Table 4a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter B: Storage of Volatile Organic Compounds (VOCs)**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
10/23/2023	04088	RN100518026

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
ST-1	R5112-ST-1	No		OTHER2				
ST-2	R5112-ST-2	No		OTHER2				
ST-3	R5112-ST-3	No		OTHER2				
ST-8	R5112-ST-8	No		VOC2	C1K-25K			
ST-9	R5112-ST-9	No		VOC2	C1K-25K			
ST-10	R5112-ST-10	No		VOC2	C1K-25K			
ST-12	R5112-ST-12	No		OTHER2				
ST-14	R5112-ST-14	No		OTHER2				
ST-15	R5112-ST-15	No		OTHER2				
ST-16	R5112-ST-16	No		VOC2	C1K-25K			
ST-21	R5112-ST-21	No		OTHER2				
ST-22	R5112-ST-22	No		OTHER2				

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
ST-23	R5112-ST-23	No		OTHER2				
ST-24	R5112-ST-24	No		VOC2	C1K-25K			
ST-26	R5112-ST-26	No		OTHER2				
ST-27	R5112-ST-27	No		VOC2	C1K-25K			
ST-28	R5112-ST-28	No		VOC2	C1K-25K			
ST-29	R5112-ST-29	No		OTHER2				
ST-30	R5112-ST-30	No		OTHER2				
ST-31	R5112-ST-31	No		OTHER2				
ST-32	R5112-ST-32	No		VOC2	C1K-25K			
ST-33	R5112-ST-33	No		VOC2	C1K-25K			
ST-34	R5112-ST-34	No		OTHER2				
ST-35	R5112-ST-35	No		OTHER2				
ST-36	R5112-ST-36	No		OTHER2				
ST-37	R5112-ST-37	No		OTHER2				
ST-38	R5112-ST-38	No		OTHER2				
DT-1	R5112-DT-1	No		VOC2	C1K-25K			
DT-2	R5112-DT-2	No		VOC2	C1K-25K			
DT-3	R5112-DT-3	No		VOC2	C1K-			
GT-1	R5112-GT-1	No		VOC2	C1K-			

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
<b>DRT-1</b>	<b>R5112-DRT-1</b>	<b>No</b>		<b>VOC2</b>	<b>C1K-</b>			
<b>DRT-2</b>	<b>R5112-DRT-2</b>	<b>No</b>		<b>VOC2</b>	<b>C1K-</b>			
<b>DRT-3</b>	<b>R5112-DRT-3</b>	<b>No</b>		<b>VOC2</b>	<b>C1K-</b>			

Storage Tank/Vessel Attributes  
Form OP-UA3 (Page 5)  
Federal Operating Permit Program  
Table 4b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter B: Storage of Volatile Organic Compounds (VOCs)  
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
10/23/2023	04088	RN100518026

Unit ID No.	SOP/GOP Index No.	Construction Date	Tank Description	True Vapor Pressure	Primary Seal	Secondary Seal	Control Device Type	Control Device ID No.
ST-1	R5112-ST-1							
ST-2	R5112-ST-2							
ST-3	R5112-ST-3							
ST-8	R5112-ST-8	73+	NONE2	1.5-B				
ST-9	R5112-ST-9	73+	NONE2	1.5-B				
ST-10	R5112-ST-10	73+	NONE2	1.5-B				
ST-12	R5112-ST-12							
ST-14	R5112-ST-14							
ST-15	R5112-ST-15							
ST-16	R5112-ST-16	73+	NONE2	1.5-B				
ST-21	R5112-ST-21							
ST-22	R5112-ST-22							



Unit ID No.	SOP/GOP Index No.	Construction Date	Tank Description	True Vapor Pressure	Primary Seal	Secondary Seal	Control Device Type	Control Device ID No.
ST-23	R5112-ST-23							
ST-24	R5112-ST-24	73+	NONE2	1.5-B				
ST-26	R5112-ST-26							
ST-27	R5112-ST-27	73+	NONE2	1.5-B				
ST-28	R5112-ST-28	73+	NONE2	1.5-B				
ST-29	R5112-ST-29							
ST-30	R5112-ST-30							
ST-31	R5112-ST-31							
ST-32	R5112-ST-32	73+	NONE2	1.5-B				
ST-33	R5112-ST-33	73+	NONE2	1.5-B				
ST-34	R5112-ST-34							
ST-35	R5112-ST-35							
ST-36	R5112-ST-36							
ST-37	R5112-ST-37							
ST-38	R5112-ST-38							
DT-1	R5112-DT-1	73+	NONE2	1.5-B				
DT-2	R5112-DT-2	73+	NONE2	1.5-B				
DT-3	R5112-DT-3							
GT-1	R5112-GT-1							

Unit ID No.	SOP/GOP Index No.	Construction Date	Tank Description	True Vapor Pressure	Primary Seal	Secondary Seal	Control Device Type	Control Device ID No.
DRT-1	R5112-DRT-1							
DRT-2	R5112-DRT-2							
DRT-3	R5112-DRT-3							

# 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.
10/23/2023	O4088	RN100518026

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
GEN1	63ZZZZ-GEN1	Area	500+	02-	No	EMER-A	CI
GEN2	63ZZZZ-GEN2	Area	500+	02-	No	EMER-A	CI
GEN3	63ZZZZ-GEN3	Area	500+	02-06	No	EMER-A	CI
GEN4	63ZZZZ-GEN4	Area	500+	06+			
GEN5	63ZZZZ-GEN5	Area	500+	06+			
GEN6	63ZZZZ-GEN6	Area	500+	06+			
GEN7	63ZZZZ-GEN7	Area	500+	06+			
GEN8	63ZZZZ-GEN8	Area	500+	06+			
GEN9	63ZZZZ-GEN9	Area	500+	06+			
GEN10	63ZZZZ-GEN10	Area	500+	06+			
GEN11	63ZZZZ-GEN11	Area	500+	06+			
GEN12	63ZZZZ-GEN12	Area	500+	06+			

TCEQ-10003 (APD-ID 28v1.0, Revised 11/22) OP-UA2

This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V Release 11/22)

**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.
10/23/2023	O4088	RN100518026

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
GEN4	60IIII-GEN4	2005+	NONE	EMERG	CON	0406+
GEN5	60IIII-GEN5	2005+	NONE	EMERG	CON	0406+
GEN6	60IIII-GEN6	2005+	NONE	EMERG	CON	0406+
GEN7	60IIII-GEN7	2005+	NONE	EMERG	CON	0406+
GEN8	60IIII-GEN8	2005+	NONE	EMERG	CON	0406+
GEN9	60IIII-GEN9	2005+	NONE	EMERG	CON	0406+
GEN10	60IIII-GEN10	2005+	NONE	EMERG	CON	0406+
GEN11	60IIII-GEN11	2005+	NONE	EMERG	CON	0406+
GEN12	60IIII-GEN12	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.
10/23/2023	O4088	RN100518026

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
GEN4	60IIII-GEN4	DIESEL		30+			2012-2015
GEN5	60IIII-GEN5	DIESEL		30+			2012-2015
GEN6	60IIII-GEN6	DIESEL		30+			2012-2015
GEN7	60IIII-GEN7	DIESEL		30+			2012-2015
GEN8	60IIII-GEN8	DIESEL		30+			2012-2015
GEN9	60IIII-GEN9	DIESEL		30+			2012-2015
GEN10	60IIII-GEN10	DIESEL		30+			2012-2015
GEN11	60IIII-GEN11	DIESEL		30+			2012-2015
GEN12	60IIII-GEN12	DIESEL		30+			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.
10/23/2023	O4088	RN100518026

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
GEN4	60IIII-GEN4			NO	YES			
GEN5	60IIII-GEN5			NO	YES			
GEN6	60IIII-GEN6			NO	YES			
GEN7	60IIII-GEN7			NO	YES			
GEN8	60IIII-GEN8			NO	YES			
GEN9	60IIII-GEN9			NO	YES			
GEN10	60IIII-GEN10			NO	YES			
GEN11	60IIII-GEN11			NO	YES			
GEN12	60IIII-GEN12			NO	YES			

**Texas Commission on Environmental Quality**

**Cooling Tower Attributes**

**Form OP-UA13 (Page 1)**

**Federal Operating Permit Program**

**Table 1: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart Q: National Emission Standards for Hazardous Air Pollutants (HAPs) for Industrial Process Cooling Towers**

<b>Date</b>	<b>Permit No.:</b>	<b>Regulated Entity No.</b>
10/23/2023	04088	RN100518026

<b>Unit ID No.</b>	<b>SOP Index No.</b>	<b>Used Compounds Containing Chromium on or After September 8, 1994</b>	<b>Initial Start-up Date</b>
CT-1	63Q-CT1	NO	
CT-2	63Q-CT2	NO	
CT-3	63Q-CT3	NO	
CT-4	63Q-CT4	NO	

**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.
10/23/2023	O4088	RN100518026

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
A	1	GRP-OILVNT	OP-UA15	GEN12-OIL		31811	



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

Date:	10/23/2023
Permit No.:	O4088
RN No.:	RN100518026

*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 type="checkbox"/> YES <input checked="" 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 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 checked="" type="checkbox"/> YES <input 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. Emissions from units in the application area include contributions from uncombined water.	<input checked="" type="checkbox"/> YES <input 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:	10/23/2023
Permit No.:	O4088
RN No.:	RN100518026

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

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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 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 type="checkbox"/> NO

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

Date:	10/23/2023
Permit No.:	O4088
RN No.:	RN100518026

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

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

<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**  
**Federal Operating Permit Program**

Date:	10/23/2023
Permit No.:	O4088
RN No.:	RN100518026

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

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

<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. <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
◆	6. Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213. <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
◆	7. The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215. <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
<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. <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>
<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> <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>
<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. <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>

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<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 type="checkbox"/> NO <input checked="" 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 checked="" type="checkbox"/> YES <input 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

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<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 type="checkbox"/> YES <input checked="" 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 type="checkbox"/> YES <input checked="" 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 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 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 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 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 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 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 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 type="checkbox"/> N/A

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<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 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 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 checked="" 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 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 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>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 type="checkbox"/> N/A

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**III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**

**K. Cutback Asphalt**

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 checked="" type="checkbox"/> NO <input 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
3.	Asphalt emulsion is used or produced within the application area.	<input checked="" 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 checked="" 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

**L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels**

◆	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>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>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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**IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds**

**A. Applicability**

◆	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. 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. For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES," complete Sections IV.C and IV.F. For GOP applications, if the response to Question IV.A.1 is "NO," go to Section VI.</i>	<input type="checkbox"/> YES <input checked="" 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. If the response to Question IV.A.3 is "YES," go to Question IV.G.1. 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. Utility Electric Generation in Ozone Nonattainment Areas**

	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 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>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 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 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 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 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 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 type="checkbox"/> NO

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<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 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 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 type="checkbox"/> NO
	7. An ACSS for carbon monoxide (CO) has been approved?	<input type="checkbox"/> YES <input type="checkbox"/> NO
	8. An ACSS for ammonia (NH <sub>3</sub> ) has been approved?	<input type="checkbox"/> YES <input type="checkbox"/> NO
	9. Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below.	
<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 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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**V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products**

**A. Subpart B - National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings**

- |   |   |
|---|---|
| 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.<br><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 type="checkbox"/> NO            |

**B. Subpart C - National Volatile Organic Compound Emission Standards for Consumer Products**

- |  |   |
|--|---|
| 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.<br><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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**VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**

**B. Subpart Y - Standards of Performance for Coal Preparation and Processing Plants**

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

**C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)**

◆	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 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>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>		
◆	<p>4. Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD.</p> <p><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></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	
<b>F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants</b>		
	<p>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.</p> <p><i>If the response to Question VI.F.1 is "NO," go to Section VI.G.</i></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems</b>		
	<p>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.</p> <p><i>If the response to Question VI.G.1 is "NO," go to Section VI.H.</i></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	<p>2. The application area includes storm water sewer systems.</p>	<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 checked="" type="checkbox"/> NO <input 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 checked="" type="checkbox"/> NO

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

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**VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**

**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)**

◆	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

**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**

◆	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 checked="" type="checkbox"/> NO <input 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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**VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**

**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)**

◆	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.J.</i>	<input type="checkbox"/> YES <input checked="" 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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**VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**

**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**

◆	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 checked="" type="checkbox"/> NO <input 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 checked="" 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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**VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)**

**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)**

- |   |     |  |  |
|---|-----|--|--|
| ◆ | 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 |

**K. Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution**

- |   |    |  |   |
|---|----|--|---|
| ◆ | 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 |
|---|----|--|---|

**VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants**

**A. Applicability**

- |   |    |   |   |
|---|----|---|---|
| ◆ | 1. | The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts.<br><i>If the response to Question VII.A.1 is "NO" or "N/A," go to Section VIII.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO<br><input type="checkbox"/> N/A |
|---|----|---|---|

**B. Subpart F - National Emission Standard for Vinyl Chloride**

- |  |    |  |  |
|--|----|--|--|
|  | 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. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
|--|----|--|--|

**C. Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this section for GOP applications only)**

- |   |    |   |  |
|---|----|---|--|
| ◆ | 1. | The application area includes equipment in benzene service. | <input type="checkbox"/> YES <input type="checkbox"/> NO<br><input type="checkbox"/> N/A |
|---|----|---|--|

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**VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)**

**D. Subpart L - National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants**

- |   |  |
|---|--|
| 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).<br><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 |

**E. Subpart M - National Emission Standard for Asbestos**

***Applicability***

- |   |  |
|---|--|
| 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.<br><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 |
|---|--|

***Roadway Construction***

- |   |  |
|---|--|
| 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 |
|---|--|

***Manufacturing Commercial Asbestos***

- |  |  |
|--|--|
| 3. The application area includes a manufacturing operation using commercial asbestos.<br><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.	<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
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	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
f. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	<input type="checkbox"/> YES <input type="checkbox"/> NO
h. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<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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**VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)**

**E. Subpart M - National Emission Standard for Asbestos (continued)**

***Fabricating Commercial Asbestos (continued)***

f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles. ☐ YES ☐ NO

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 ☐ NO

***Non-sprayed Asbestos Insulation***

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 ☐ NO

***Asbestos Conversion***

7. The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material. ☐ YES ☐ NO

**F. Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities**

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. ☐ YES ☐ NO

**G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations**

1. The application area is located at a benzene production facility and/or bulk terminal.  
*If the response to Question VII.G.1 is "NO," go to Section VII.H.* ☐ YES ☐ NO

2. The application area includes benzene transfer operations at marine vessel loading racks. ☐ YES ☐ 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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**VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)**

**H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)**

**Applicability (continued)**

- |    |  |  |
|----|--|--|
| 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 |

**Waste Stream Exemptions**

- |     |  |  |
|-----|--|--|
| 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).<br><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>	<input type="checkbox"/> YES <input type="checkbox"/> NO
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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. 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
<i>Remediation Activities</i>	
25. Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)**

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). <i>If the response to Question VIII.B.2 is "NO," go to Section VIII.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
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. <i>If the response to Questions VIII.B.3, B.4 and B.5 are all "NO," go to Section VIII.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**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**

***Applicability***

- |   |  |
|---|--|
| 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.<br><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.<br><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.<br><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 |

***Vapor Collection and Closed Vent Systems***

- |  |  |
|--|--|
| 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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**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)**

***Reloading or Cleaning of Railcars, Tank Trucks, or Barges***

8. The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank. ☐ YES ☐ NO  
*If the response to Question VIII.C.8 is "NO," go to Question VIII.C.11.*

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. ☐ YES ☐ NO

10. The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system. ☐ YES ☐ NO

***Transfer Racks***

11. The application area includes Group 1 transfer racks that load organic HAPs. ☐ YES ☐ NO

***Process Wastewater Streams***

12. The application area includes process wastewater streams. ☐ YES ☐ NO  
*If the response to Question VIII.C.12 is "NO," go to Question VIII.C.34.*

13. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. ☐ YES ☐ NO  
*If the response to Question VIII.C.13 is "NO," go to Question VIII.C.15.*

14. The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii). ☐ YES ☐ NO

15. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. ☐ YES ☐ NO  
*If the response to Question VIII.C.15 is "NO," go to Question VIII.C.17.*

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**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)**

***Process Wastewater Streams (continued)***

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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**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)**

***Process Wastewater Streams (continued)***

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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**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)**

***Drains***

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>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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)**

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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry**

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>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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)**

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>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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)**

***Drains (continued)***

- |  |  |
|--|--|
| 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 |

**K. Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production**

- |  |   |
|--|---|
| 1. The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area.<br><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<br><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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)**

**Applicability (continued)**

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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)**

**Applicability (continued)**

9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). ☐ YES ☐ NO  
*If the response to Question VIII.N.9 is "NO," go to Section VIII.O.*

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. ☐ YES ☐ NO

**Containers, Drains, and other Appurtenances**

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). ☐ YES ☐ 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). ☐ YES ☐ NO

**O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations**

1. The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). ☐ YES ☒ NO ☐ N/A  
*If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P*

2. Materials specified in 40 CFR § 63.680(b)(2) are received at the application area. ☐ YES ☐ 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. ☐ YES ☐ NO

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)**

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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)**

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>Form OP-REQ1: Page 53</b>	
<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 type="checkbox"/> YES <input checked="" 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 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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)**

◆	<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 type="checkbox"/> YES <input checked="" 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 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>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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

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>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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

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>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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)**

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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)**

***Drains (continued)***

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| 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).<br><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 type="checkbox"/> YES <input checked="" 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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)**

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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)**

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>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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)**

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| 9.  | The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG.<br><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 |

**DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities**

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| 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.<br><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.<br><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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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**EE. Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities**

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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2.	The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3.	The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBBB.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4.	The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBBB. <i>If the answer to Question VIII.EE.4 is "NO," go to Question VIII.EE.6.</i>	<input type="checkbox"/> YES <input checked="" 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 BBBBBBB, 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 checked="" 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 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 checked="" type="checkbox"/> YES <input 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.  <b>Subpart ZZZZ</b>	

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<b>Form OP-REQ1: Page 76</b>	
<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 checked="" type="checkbox"/> YES <input 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 type="checkbox"/> YES <input checked="" 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 checked="" 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 checked="" type="checkbox"/> YES <input 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 checked="" type="checkbox"/> YES <input 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.  <p style="text-align: center;"><b>40 CFR Part 63, Subparts MMMM, BBBB, DDDDD, JJJJJ</b></p>	
<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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**Form OP-REQ1: Page 81**

**XI. Miscellaneous (continued)**

**I. GOP Type (Complete this section for GOP applications only)**

◆	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

**J. Title 30 TAC Chapter 101, Subchapter H**

◆	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 type="checkbox"/> YES <input checked="" 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 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>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 checked="" type="checkbox"/> YES <input 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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**XI. Miscellaneous (continued)**

**L. Compliance Assurance Monitoring**

◆	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 type="checkbox"/> NO <input checked="" 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

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

Date:	10/23/2023
Permit No.:	O4088
RN No.:	RN100518026

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

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

<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

**Texas Commission on Environmental Quality**  
**Application Area-Wide Applicability Determinations and General Information**  
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Date:	10/23/2023
Permit No.:	O4088
RN No.:	RN100518026

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

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

<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.:	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:	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.: 31811	Issuance Date: 5/5/2021	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**  
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Date:	10/23/2023
Permit No.:	O4088
RN No.:	RN100518026

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

◆ *For GOP applications, answer ONLY these questions 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.: 106.261	Version No./Date: 11/1/2003
PBR No.: 106.511	Version No./Date: 9/4/2000
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
◆ <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:





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**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: B-1		C. Applicable Form: OP-UA06	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 111, Visible Emissions			B. SOP Index No.: R1111
C. Pollutant:		Opacity		D. Main Standard:	§ 111.111(a)(1)(b)
E. Monitoring Type:		Visible Emissions			F. Unit Size: NA
G. Deviation Limit:		An opacity reading exceeding 20% shall be reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Fuel sulfur concentration	B. Minimum Frequency:	Once every 6 months	C. Averaging Period:	NA
<p>Periodic Monitoring Text: Visible emission observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions.</p> <p>If the result of the Test Method 9 is an opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>					



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**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: B-1		C. Applicable Form: OP-UA06	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 112, Sulfur Compounds			B. SOP Index No.: REG2-B6DO
C. Pollutant: SO2		D. Main Standard:		§ 112.9(a)	
E. Monitoring Type: PM		F. Unit Size:		NA	
G. Deviation Limit:		Fuel sulfur concentration > 0.5 weight percent sulfur (as specified in 40 CFR Part 60 (NSPS), Subpart Dc)			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:		B. Device Type:			
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Fuel sulfur concentration	B. Minimum Frequency:	Once every 6 months	C. Averaging Period:	NA
Periodic Monitoring Text: The sulfur emissions from the boiler are controlled by the type of fuel selected. Compliance with the SO <sub>2</sub> stack exhaust limit of 440 ppmv specified in 30 TAC 112.9 is met using fuel oil not exceeding the applicable sulfur limit specified in the NSPS Subpart Dc. Therefore, demonstrating compliance with the NSPS Subpart Dc fuel sulfur limit through the recordkeeping requirements of 40 CFR 60.48c(f) will demonstrate compliance with 30 TAC 112.9.					



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**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: B-2		C. Applicable Form: OP-UA06	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 111, Visible Emissions			B. SOP Index No.: R1111
C. Pollutant:		Opacity		D. Main Standard:	§ 111.111(a)(1)(b)
E. Monitoring Type:		Visible Emissions		F. Unit Size:	NA
G. Deviation Limit:		An opacity reading exceeding 20% shall be reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Fuel sulfur concentration	B. Minimum Frequency:	Once every 6 months	C. Averaging Period:	NA
<p>Periodic Monitoring Text: Visible emission observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions.</p> <p>If the result of the Test Method 9 is an opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>					



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**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: B-2		C. Applicable Form: OP-UA06	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 112, Sulfur Compounds			B. SOP Index No.: REG2-B6DO
C. Pollutant: SO2		D. Main Standard:		§ 112.9(a)	
E. Monitoring Type: PM		F. Unit Size:		NA	
G. Deviation Limit:		Fuel sulfur concentration > 0.5 weight percent sulfur (as specified in 40 CFR Part 60 (NSPS), Subpart Dc)			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:		B. Device Type:			
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Fuel sulfur concentration	B. Minimum Frequency:	Once every 6 months	C. Averaging Period:	NA
Periodic Monitoring Text: The sulfur emissions from the boiler are controlled by the type of fuel selected. Compliance with the SO <sub>2</sub> stack exhaust limit of 440 ppmv specified in 30 TAC 112.9 is met using fuel oil not exceeding the applicable sulfur limit specified in the NSPS Subpart Dc. Therefore, demonstrating compliance with the NSPS Subpart Dc fuel sulfur limit through the recordkeeping requirements of 40 CFR 60.48c(f) will demonstrate compliance with 30 TAC 112.9.					



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**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: B-3		C. Applicable Form: OP-UA06	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 111, Visible Emissions			B. SOP Index No.: R1111
C. Pollutant:		Opacity		D. Main Standard:	§ 111.111(a)(1)(b)
E. Monitoring Type:		Visible Emissions		F. Unit Size:	NA
G. Deviation Limit:		An opacity reading exceeding 20% shall be reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Fuel sulfur concentration	B. Minimum Frequency:	Once every 6 months	C. Averaging Period:	NA
<p>Periodic Monitoring Text: Visible emission observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions.</p> <p>If the result of the Test Method 9 is an opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>					



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**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: B-3		C. Applicable Form: OP-UA06	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 112, Sulfur Compounds			B. SOP Index No.: REG2-B6DO
C. Pollutant: SO2		D. Main Standard:		§ 112.9(a)	
E. Monitoring Type: PM		F. Unit Size:		NA	
G. Deviation Limit:		Fuel sulfur concentration > 0.5 weight percent sulfur (as specified in 40 CFR Part 60 (NSPS), Subpart Dc)			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:		B. Device Type:			
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Fuel sulfur concentration	B. Minimum Frequency:	Once every 6 months	C. Averaging Period:	NA
Periodic Monitoring Text: The sulfur emissions from the boiler are controlled by the type of fuel selected. Compliance with the SO <sub>2</sub> stack exhaust limit of 440 ppmv specified in 30 TAC 112.9 is met using fuel oil not exceeding the applicable sulfur limit specified in the NSPS Subpart Dc. Therefore, demonstrating compliance with the NSPS Subpart Dc fuel sulfur limit through the recordkeeping requirements of 40 CFR 60.48c(f) will demonstrate compliance with 30 TAC 112.9.					



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**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: CT-1		C. Applicable Form: OP-UA13	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 111, Visible Emissions			B. SOP Index No.: R1111
C. Pollutant:		Opacity		D. Main Standard:	§ 111.111(a)(1)(c)
E. Monitoring Type:		Visible Emissions		F. Unit Size:	NA
G. Deviation Limit:		The presence of visible emissions shall be reported as a deviation unless an opacity test is performed. An opacity reading exceeding 15% shall be reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Visible Emissions	B. Minimum Frequency:	Once per quarter	C. Averaging Period:	Six Minutes



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**Table 1c: CAM/PM Case-By-Case Additions**

Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet away, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.

If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions.

If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.

If no visible emissions are observed in three consecutive quarterly tests for any affected source, the permit holder may decrease the frequency of testing from quarterly to semi-annually for that affected source. If visible emissions are observed during any semi-annual test, the permit holder must resume testing of that affected source on a quarterly basis and maintain that schedule until no visible emissions are observed in three consecutive quarterly tests. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator must resume testing of that affected source on a quarterly basis and maintain that schedule until no visible emissions are observed in three consecutive quarterly tests.

All visible emission observations shall be recorded.





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**Table 1c: CAM/PM Case-By-Case Additions**

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A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: CT-2		C. Applicable Form: OP-UA13	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 111, Visible Emissions			B. SOP Index No.: R1111
C. Pollutant:		Opacity		D. Main Standard:	§ 111.111(a)(1)(c)
E. Monitoring Type:		Visible Emissions			F. Unit Size: NA
G. Deviation Limit:		The presence of visible emissions shall be reported as a deviation unless an opacity test is performed. An opacity reading exceeding 15% shall be reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Visible Emissions	B. Minimum Frequency:	Once per quarter	C. Averaging Period:	Six Minutes



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Federal Operating Permit Program**

**Table 1c: CAM/PM Case-By-Case Additions**

Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet away, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.

If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions.

If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.

If no visible emissions are observed in three consecutive quarterly tests for any affected source, the permit holder may decrease the frequency of testing from quarterly to semi-annually for that affected source. If visible emissions are observed during any semi-annual test, the permit holder must resume testing of that affected source on a quarterly basis and maintain that schedule until no visible emissions are observed in three consecutive quarterly tests. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator must resume testing of that affected source on a quarterly basis and maintain that schedule until no visible emissions are observed in three consecutive quarterly tests.

All visible emission observations shall be recorded.



**Monitoring Requirements  
Form OP-MON (Page 2)  
Federal Operating Permit Program**

**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: CT-3		C. Applicable Form: OP-UA13	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 111, Visible Emissions			B. SOP Index No.: R1111
C. Pollutant:		Opacity		D. Main Standard:	§ 111.111(a)(1)(c)
E. Monitoring Type:		Visible Emissions			F. Unit Size: NA
G. Deviation Limit:		The presence of visible emissions shall be reported as a deviation unless an opacity test is performed. An opacity reading exceeding 15% shall be reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Visible Emissions	B. Minimum Frequency:	Once per quarter	C. Averaging Period:	Six Minutes



**Monitoring Requirements  
Form OP-MON (Page 2)  
Federal Operating Permit Program**

**Table 1c: CAM/PM Case-By-Case Additions**

Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet away, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.

If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions.

If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.

If no visible emissions are observed in three consecutive quarterly tests for any affected source, the permit holder may decrease the frequency of testing from quarterly to semi-annually for that affected source. If visible emissions are observed during any semi-annual test, the permit holder must resume testing of that affected source on a quarterly basis and maintain that schedule until no visible emissions are observed in three consecutive quarterly tests. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator must resume testing of that affected source on a quarterly basis and maintain that schedule until no visible emissions are observed in three consecutive quarterly tests.

All visible emission observations shall be recorded.



**Monitoring Requirements  
Form OP-MON (Page 2)  
Federal Operating Permit Program**

**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: CT-4		C. Applicable Form: OP-UA13	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 111, Visible Emissions			B. SOP Index No.: R1111
C. Pollutant:		Opacity		D. Main Standard:	§ 111.111(a)(1)(c)
E. Monitoring Type:		Visible Emissions			F. Unit Size: NA
G. Deviation Limit:		The presence of visible emissions shall be reported as a deviation unless an opacity test is performed. An opacity reading exceeding 15% shall be reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Visible Emissions	B. Minimum Frequency:	Once per quarter	C. Averaging Period:	Six Minutes



**Monitoring Requirements  
Form OP-MON (Page 2)  
Federal Operating Permit Program**

**Table 1c: CAM/PM Case-By-Case Additions**

Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet away, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.

If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions.

If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.

If no visible emissions are observed in three consecutive quarterly tests for any affected source, the permit holder may decrease the frequency of testing from quarterly to semi-annually for that affected source. If visible emissions are observed during any semi-annual test, the permit holder must resume testing of that affected source on a quarterly basis and maintain that schedule until no visible emissions are observed in three consecutive quarterly tests. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator must resume testing of that affected source on a quarterly basis and maintain that schedule until no visible emissions are observed in three consecutive quarterly tests.

All visible emission observations shall be recorded.



**Monitoring Requirements  
Form OP-MON (Page 2)  
Federal Operating Permit Program**

**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: TO-1a		C. Applicable Form: OP-UA15	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 115, Vent Gas Controls			B. SOP Index No.: R5121
C. Pollutant: VOC		D. Main Standard:		§ 115.121(c)(1)	
E. Monitoring Type:				F. Unit Size:	NA
G. Deviation Limit:		Combustion temperature in the combustion chamber or immediately downstream thereof shall be continuously measured and recorded. Any measured 1-hour average temperature below 1,250 degrees Fahrenheit shall be considered and reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Combustion Temperature	B. Minimum Frequency:	Continuous	C. Averaging Period:	1 hour
Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber for minimum of 95 percent of the time (on an annual basis). The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any measured 1-hour average temperature below the minimum limit shall be considered and reported as a deviation.					



**Monitoring Requirements  
Form OP-MON (Page 2)  
Federal Operating Permit Program**

**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: TO-1b		C. Applicable Form: OP-UA15	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 115, Vent Gas Controls			B. SOP Index No.: R5121
C. Pollutant: VOC		D. Main Standard:		§ 115.121(c)(1)	
E. Monitoring Type:				F. Unit Size:	NA
G. Deviation Limit:		Combustion temperature in the combustion chamber or immediately downstream thereof shall be continuously measured and recorded. Any measured 1-hour average temperature below 1,250 degrees Fahrenheit shall be considered and reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Combustion Temperature	B. Minimum Frequency:	Continuous	C. Averaging Period:	1 hour
Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber for minimum of 95 percent of the time (on an annual basis). The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any measured 1-hour average temperature below the minimum limit shall be considered and reported as a deviation.					





**Monitoring Requirements  
Form OP-MON (Page 2)  
Federal Operating Permit Program**

**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: TO-2		C. Applicable Form: OP-UA15	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 115, Vent Gas Controls			B. SOP Index No.: R5121
C. Pollutant: VOC		D. Main Standard:		§ 115.121(c)(1)	
E. Monitoring Type:				F. Unit Size:	NA
G. Deviation Limit:		Combustion temperature in the combustion chamber or immediately downstream thereof shall be continuously measured and recorded. Any measured 1-hour average temperature below 1,350 degrees Fahrenheit shall be considered and reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Combustion Temperature	B. Minimum Frequency:	Continuous	C. Averaging Period:	1 hour
Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber for minimum of 95 percent of the time (on an annual basis). The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any measured 1-hour average temperature below the minimum limit shall be considered and reported as a deviation.					



**Monitoring Requirements  
Form OP-MON (Page 2)  
Federal Operating Permit Program**

**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: TO-3		C. Applicable Form: OP-UA15	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 115, Vent Gas Controls			B. SOP Index No.: R5121
C. Pollutant: VOC		D. Main Standard:		§ 115.121(c)(1)	
E. Monitoring Type:				F. Unit Size:	NA
G. Deviation Limit:		Combustion temperature in the combustion chamber or immediately downstream thereof shall be continuously measured and recorded. Any measured 1-hour average temperature below 1,450 degrees Fahrenheit shall be considered and reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Combustion Temperature	B. Minimum Frequency:	Continuous	C. Averaging Period:	1 hour
Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber for minimum of 95 percent of the time (on an annual basis). The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any measured 1-hour average temperature below the minimum limit shall be considered and reported as a deviation.					



**Monitoring Requirements  
Form OP-MON (Page 2)  
Federal Operating Permit Program**

**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: TO-4a		C. Applicable Form: OP-UA15	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 115, Vent Gas Controls			B. SOP Index No.: R5121
C. Pollutant: VOC		D. Main Standard:		§ 115.121(c)(1)	
E. Monitoring Type:				F. Unit Size:	NA
G. Deviation Limit:		Combustion temperature in the combustion chamber or immediately downstream thereof shall be continuously measured and recorded. Any measured 1-hour average temperature below 1,655 degrees Fahrenheit shall be considered and reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Combustion Temperature	B. Minimum Frequency:	Continuous	C. Averaging Period:	1 hour
Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber for minimum of 95 percent of the time (on an annual basis). The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any measured 1-hour average temperature below the minimum limit shall be considered and reported as a deviation.					



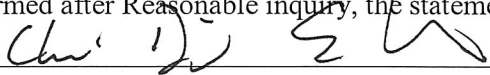
**Monitoring Requirements  
Form OP-MON (Page 2)  
Federal Operating Permit Program**

**Table 1c: CAM/PM Case-By-Case Additions**

<b>I. IDENTIFYING INFORMATION</b>					
A. Account No.: TH0602A		B. RN No.: 100518026		C. CN No.: 602914442	
D. Permit No.: O-4088		E. Project No.: TBA		F. Area Name: Samsung Austin Semiconductor	
G. Company Name: Samsung Austin Semiconductor, LLC					
<b>II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION</b>					
A. Revision No.:		B. Unit/EPN/Group/Process ID No.: TO-4b		C. Applicable Form: OP-UA15	
<b>III. APPLICABLE REGULATORY REQUIREMENT</b>					
A. Name:		30 TAC Chapter 115, Vent Gas Controls			B. SOP Index No.: R5121
C. Pollutant: VOC		D. Main Standard:		§ 115.121(c)(1)	
E. Monitoring Type:				F. Unit Size:	NA
G. Deviation Limit:		Combustion temperature in the combustion chamber or immediately downstream thereof shall be continuously measured and recorded. Any measured 1-hour average temperature below 1,600 degrees Fahrenheit shall be considered and reported as a deviation.			
<b>IV. CONTROL DEVICE INFORMATION</b>					
A. Device ID No.:				B. Device Type:	
<b>V. CAM CASE-BY-CASE</b>					
A. Indicator:		B. Minimum Frequency:		C. Averaging Period:	
D. QA/QC Procedures:					
E. Verification Procedures:					
F. Representative Data:					
<b>VI. PERIODIC MONITORING CASE-BY-CASE</b>					
A. Indicator:	Combustion Temperature	B. Minimum Frequency:	Continuous	C. Averaging Period:	1 hour
Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber for minimum of 95 percent of the time (on an annual basis). The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any measured 1-hour average temperature below the minimum limit shall be considered and reported as a deviation.					

**Form OP-CRO2**  
**Change of Responsible Official Information**  
**Federal Operating Permit Program**

The Texas Commission on Environmental Quality (TCEQ) shall be notified of a new appointment or administrative information change (e.g., address, phone number, title) for a Responsible Official (RO), Designated Representative (DR), or Alternate Designated Representative (ADR) in the next submittal. **Send this completed form to the TCEQ Central Office to the attention of the Air Permits Division.** This form satisfies the requirements for notification (a revised Certificate of Representation must also be submitted to the U.S. Environmental Protection agency for changes in the DR and ADR). *After the initial submittal, if there is a change of Duly Authorized Representative (DAR) appointment or administrative information changes for the DAR, include a revised Form OP-DEL (Delegation of Responsible Official) with the next submittal to the TCEQ.*

<b>I. Identifying Information</b>		
Account No.: TH0602A	RN: 100518026	CN: 602914442
Permit No.: O-4088	Area Name: Samsung Austin Semiconductor	
Company Name: Samsung Austin Semiconductor, LLC		
<b>II. Change Type</b>		
Action Type:	<input checked="" type="checkbox"/> New Appointment	<input type="checkbox"/> Administrative Information Change
Contact Type ( <i>only one response can be accepted per form</i> ):		
<input checked="" type="checkbox"/> Responsible Official	<input type="checkbox"/> Designated Representative	<input type="checkbox"/> Alternate Designated Representative
<b>III. Responsible Official/Designated Representative/Alternate Designated Representative Information</b>		
Conventional Title: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)		
Name: Charles David Ellingsworth		
Title: Director	Appointment Effective Date: 08/08/2022	
Telephone No.: 512-672-3302	Fax No.:	
Company Name: Samsung Austin Semiconductor, LLC		
Mailing Address: 12100 Samsung Blvd/		
City: Austin	State: TX	ZIP Code: 78754
E-mail Address: c.ellingswor@samsung.com		
<b>IV. Certification of Truth, Accuracy, and Completeness</b>		
<b>This certification does not extend to information, which is designated by the TCEQ as information for reference only.</b>		
I, <u>Charles David Ellingsworth</u> , certify that, based on information <div style="text-align: center;">(Name printed or typed)</div> and belief formed after Reasonable inquiry, the statements and information stated above are true, accurate, and complete.		
Signature: 		Signature Date: <u>8/8/22</u>

**Texas Commission on Environmental Quality**  
**Form OP-ACPS**  
**Application Compliance Plan and Schedule**

<b>Date:</b> 10/23/2023	<b>Regulated Entity No.:</b> RN100518026	<b>Permit No.:</b> O4088
<b>Company Name:</b> Samsung Austin Semiconductor, LLC		<b>Area Name:</b> Samsung Austin Semiconductor

- 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)	
<b>1.</b> 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
<b>2.</b> 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
<b>3.</b> 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>	
<p><small>* 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.</small></p> <p><small>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.</small></p>	

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 1  
Texas Commission on Environmental Quality**

Date: 10/23/2023	
Permit No.: O4088	
Regulated Entity No.: RN100518026	
Company Name: Samsung Austin Semiconductor, LLC	
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**

**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: 10/23/2023
Permit No.: O4088
Regulated Entity No.: RN100518026
Company Name: Samsung Austin Semiconductor, LLC

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-B	No	GRP-OILVNT	OP-UA15	31811	Documenting neg. applicability for 30 TAC Chapter 115. Group has this exemption, but GEN12-OIL inadvertently left out of permit shield group listing of units.

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 3  
Texas Commission on Environmental Quality**

Date: 10/23/2023	
Permit No.: O4088	
Regulated Entity No.: RN100518026	
Company Name: Samsung Austin Semiconductor, LLC	
<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>

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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

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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: Samsung Austin Semiconductor, LLC
B. Customer Reference Number (CN): <b>CN602914442</b>
C. Submittal Date (mm/dd/yyyy): 10/23/2023
<b>II. Site Information</b>
A. Site Name: Samsung Austin Semiconductor
B. Regulated Entity Reference Number (RN): <b>RN100518026</b>
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 checked="" 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 type="checkbox"/> YES <input checked="" 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:
<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)

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<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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
RO Full Name: David Ellingsworth
RO Title: Director
Employer Name: Samsung Austin Semiconductor, LLC
Mailing Address: 12100 Samsung Blvd.
City: Austin
State: TX
ZIP Code: 78754
Territory:
Country: USA
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 512-672-3302
Fax No.:
Email: c.ellingswor@samsung.com

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<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: Kaiser Ahmed
Technical Contact Title: Senior Engineer, Environmental
Employer Name: Samsung Austin Semiconductor, LLC
Mailing Address: 12100 Samsung Blvd.
City: Austin
State: TX
ZIP Code: 78754
Territory:
Country: USA
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 832-948-4990
Fax No.:
Email: kaiser.ahmed@samsung.com
<b>VIII. Reference Only Requirements</b> <i>(For reference only.)</i>
<b>A.</b> State Senator: Sarah Eckhardt, District 14
<b>B.</b> State Representative: James Talarico, District 50
<b>C.</b> 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>
<b>D.</b> 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>
<b>E.</b> Indicate the alternate language(s) in which public notice is required: Spanish

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<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:
<b>B.</b> Physical Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
<b>C.</b> Physical Location:
<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:
<b>E.</b> Telephone No.:
<b>X. Application Area Information</b>
<b>A.</b> Area Name: Samsung Austin Semiconductor
<b>B.</b> Physical Address: 12100 Samsung Blvd.
City: Austin
State: TX
ZIP Code: 78754
<b>C.</b> Physical Location:
<b>D.</b> Nearest City:
<b>E.</b> State:
<b>F.</b> ZIP Code:

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<b>X. Application Area Information (<i>continued</i>)</b>
<b>G.</b> Latitude (nearest second): 30.373396
<b>H.</b> Longitude (nearest second): -97.638377
<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: 1,100
<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: Little Walnut Creek Branch Library
<b>B.</b> Physical Address: 835 W. Rundberg Lane
City: Austin
ZIP Code: 78754
<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: Kaiser Ahmed
Contact Mailing Address: 12100 Samsung Blvd.
City: Austin
State: TX
ZIP Code: 78754
Territory:
Country: USA
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 832-948-4990



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<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:

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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: