From:	Camilla Widenhofer
To:	Steven Piper
Cc:	APIRT
Subject:	Permit O1378/Project 37920
Date:	Tuesday, September 9, 2025 10:26:00 AM
Attachments:	OP_DEL_opdel_250903_143758.pdf OP_CRO2_opcro2_250903_143731.pdf Copy of Record - Texas Commission on Environmental Quality - www.tceq.texas.gov.pdf

---

Hi Steven,

Please enter the attached OP-CRO2 and OP-DEL

-Camilla

Camilla Widenhofer
TCEQ Air Permits Division
P.O. Box 13087, MC 163
Austin, TX 78753
Phone: (512)239-1028
Fax: (512)239-1300
camilla.widenhofer@tceq.texas.gov

How are we doing? Fill out our online customer satisfaction survey
at www.tceq.texas.gov/customersurvey

From: Fussell, John
To: Camilla Widenhofer
Cc: Troy Gayer; Michelle Baetz
Subject: RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)
Date: Tuesday, September 9, 2025 7:40:24 AM
Attachments: image001.png
image002.png
image003.png
image004.png
image005.png
image006.png
OP-CRO1_09-08-25.pdf

The completed OP-CRO1 is attached. Please note that I submitted an OP-CRO2 and OP-DEL in STEERS due to my facility having a change in RO and DAR.

Thanks,

J.T. Fussell

From: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Sent: Friday, September 5, 2025 11:06 AM
To: Fussell, John <John.T.Fussell@graphicpkg.com>
Cc: Troy Gayer <tgayer@all4inc.com>; Michelle Baetz <michelle.baetz@tceq.texas.gov>
Subject: [EXTERNAL] RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

Caution: This email originated from outside the organization.
Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Thank you. Please submit form OP-CRO1 to certify the changes during the review period.

-Camilla

Camilla Widenhofer
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Fax: (512)239-1300
camilla.widenhofer@tceq.texas.gov

How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

---

From: Fussell, John <John.T.Fussell@graphicpkg.com>
Sent: Friday, September 5, 2025 10:28 AM
To: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Cc: Troy Gayer <tgayer@all4inc.com>; Michelle Baetz <michelle.baetz@tceq.texas.gov>
Subject: RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

No further comments from us, thanks!

J.T. Fussell

From: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Sent: Thursday, September 4, 2025 8:53 AM
To: Fussell, John <John.T.Fussell@graphicpkg.com>
Cc: Troy Gayer <tgayer@all4inc.com>; Michelle Baetz <michelle.baetz@tceq.texas.gov>
Subject: [EXTERNAL] RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

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See attached!

-Camilla

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Fax: (512)239-1300
camilla.widenhofer@tceq.texas.gov

How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

---

From: Camilla Widenhofer
Sent: Thursday, September 4, 2025 8:52 AM
To: Fussell, John <John.T.Fussell@graphicpkg.com>
Cc: Troy Gayer <tgayer@all4inc.com>; Michelle Baetz <Michelle.Baetz@tceq.texas.gov>
Subject: RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

Excellent, thank you. No need to send the OP-PBRSUP. Please see the attached draft permit and send any additional comments by September 10, 2025.

Thanks again.

-Camilla

Camilla Widenhofer
TCEQ Air Permits Division
P.O. Box 13087, MC 163
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Fax: (512)239-1300
camilla.widenhofer@tceq.texas.gov

How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Fussell, John <John.T.Fussell@graphicpkg.com>
Sent: Tuesday, September 2, 2025 9:50 AM
To: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Cc: Troy Gayer <tgayer@all4inc.com>; Michelle Baetz <michelle.baetz@tceq.texas.gov>
Subject: RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

We researched this and found that BP0368 has been incorporated into the NSR permit and is listed in the current MAERT table. A PBR for a second hydrogen peroxide tank was authorized on 6/3/22 for 106.262 and 106.478 for use during a trial, however that tank was removed from the site in 2022 and authorization is no longer necessary. It appears that this second tank may have mistakenly been referred to as BP0368, which is the original tank that is still permitted and in use.

Please let me know if either of these are still needed on the OP-PBRSUP tables.

Thanks,

J.T. Fussell

From: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Sent: Friday, August 29, 2025 1:47 PM
To: Fussell, John <John.T.Fussell@graphicpkg.com>
Cc: Troy Gayer <tgayer@all4inc.com>; Michelle Baetz <michelle.baetz@tceq.texas.gov>
Subject: [EXTERNAL] RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

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Thank you J.T.

I have reviewed the OP-PBRSUP and added preconstruction authorizations and registrations to units as needed. However, unit ID BP0368 is not found in the OP-PBRSUP tables. Please update the OP-PBRSUP tables and/or preconstruction authorizations for that unit.

BP0368	HYDROGEN PEROXIDE TANK	106.262/11/01/2003 [86706, 164224, 168914], 106.478/09/04/2000 [168914]

Please see the attached updated draft permit with updates to the NSR Preconstruction Authorizations table and send any updates by September 8, 2025.

Have a nice weekend.

-Camilla

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Fax: (512)239-1300
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How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

---

From: Fussell, John <John.T.Fussell@graphicpkg.com>
Sent: Friday, August 29, 2025 10:14 AM
To: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Cc: Troy Gayer <tgayer@all4inc.com>; Michelle Baetz <michelle.baetz@tceq.texas.gov>
Subject: RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

Thanks for the guidance. Attached is the revised OP-PBRSUP with the 12/24/98 as the effective date for the baler PBR on table B.

J.T. Fussell

From: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Sent: Thursday, August 28, 2025 1:46 PM
To: Fussell, John <John.T.Fussell@graphicpkg.com>
Cc: Troy Gayer <tgayer@all4inc.com>; Michelle Baetz <michelle.baetz@tceq.texas.gov>
Subject: [EXTERNAL] RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

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John,

I see what you're saying. It turns out September 9, 1998 is the effective date only for the PBR that was updated on that date which was 106.491. However, the website would show all PBRs on that same page.

Rule Log No. 97165-106-AI
Dual Chamber Incinerators
Amendment to: §106.491
Date Adopted: August 19, 1998
Date Filed with the Secretary of State: August 20, 1998

5

Date Published in the *Texas Register*: September 4, 1998
Date Effective: September 9, 1998

Here are the effective dates for 106.261 & 106.262:

Source Note: The provisions of this §106.261 adopted to be effective March 14, 1997, 22 TexReg 2439; amended to be effective December 24, 1998, 23 TexReg 12925; amended to be effective September 4, 2000, 25 TexReg 8653; amended to be effective November 1, 2003, 28 TexReg 9279.

Source Note: The provisions of this §106.262 adopted to be effective March 14, 1997, 22 TexReg 2439; amended to be effective December 24, 1998, 23 TexReg 12925; amended to be effective September 4, 2000, 25 TexReg 8653; amended to be effective November 1, 2003, 28 TexReg 9279.

Please update the OP-PBRSUP as needed by September 2, 2025.

-Camilla

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TCEQ Air Permits Division
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Fax: (512)239-1300
camilla.widenhofer@tceq.texas.gov

How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

---

From: Fussell, John <John.T.Fussell@graphicpkg.com>
Sent: Monday, August 18, 2025 7:55 AM
To: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Cc: Troy Gayer <tgayer@all4inc.com>; Michelle Baetz <michelle.baetz@tceq.texas.gov>
Subject: RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

We listed the date as 9/9/1998 since this PBR is complying with the September 9, 1998 exemption list, attached. Please let me know if we should still update this to the effective date of 12/24/1998.

Thanks,

J.T. Fussell

From: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Sent: Friday, August 15, 2025 3:29 PM
To: Fussell, John <John.T.Fussell@graphicpkg.com>
Cc: Troy Gayer <tgayer@all4inc.com>; Michelle Baetz <michelle.baetz@tceq.texas.gov>
Subject: [EXTERNAL] RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

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Thank you for that update. Please re-submit OP-PBRSUP to update Table B since 09/09/1998 is not a valid effective date for PBR 106.261 or SE 106. You can use the effective date of 12/24/1998 for PBR 106.261. Please send this form by August 20th.

Blue Baler and Gray Baler	106.261	09/09/1998 (SE 106 Exemption List)

Rule Log No. 98019-106-AI
Exemptions from Permitting III
Amendment to: §106.261, §106.262
Date Adopted: December 2, 1998
Date Filed with the Secretary of State: December 4, 1998
Date Published in the *Texas Register*: December 18, 1998
Date Effective: December 24, 1998

Preamble Eff. Date: May 8, 1972	Preamble Eff. Date: December 1, 1972	Preamble Eff. Date: September 17, 1973
Preamble Eff. Date: April 4, 1975	Preamble Eff. Date: May 5, 1976	Preamble Eff. Date: January 8, 1980
Preamble Eff. Date: May 12, 1981	Preamble Eff. Date: September 23, 1982	Exemption Rule Eff. Date: March 15, 1985
Exemption Rule Eff. Date: November 25, 1985	Exemption Rule Eff. Date: November 5, 1986	Exemption Rule Eff. Date: August 30, 1988
Exemption Rule Eff. Date: September 12, 1989	Exemption Rule Eff. Date: July 20, 1992	Exemption Rule Eff. Date: September 13, 1993
Exemption Rule Eff. Date: May 4, 1994	Exemption Rule Eff. Date: April 5, 1995	Exemption Rule Eff. Date: October 4, 1995
Exemption Rule Eff. Date: June 7, 1996		

-Camilla

Camilla Widenhofer
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camilla.widenhofer@tceq.texas.gov

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---

From: Fussell, John <John.T.Fussell@graphicpkg.com>
Sent: Tuesday, August 12, 2025 12:20 PM
To: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Cc: Troy Gayer <tgayer@all4inc.com>; R6AirPermitsTX <r6airpermitstx@epa.gov>; Michelle Baetz <michelle.baetz@tceq.texas.gov>
Subject: RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

Please find the revised OP-PBRSUP form and OP-REQ1 form. All registered and claimed PBRs now have recordkeeping information used to demonstrate compliance in Table D.

During our review, we found additional PBRs that were already incorporated into the NSR permit, so these were removed in this updated version.

Thanks,

J.T. Fussell

From: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Sent: Monday, August 11, 2025 2:10 PM
To: Fussell, John <John.T.Fussell@graphicpkg.com>
Cc: Troy Gayer <tgayer@all4inc.com>; R6AirPermitsTX <r6airpermitstx@epa.gov>; Michelle Baetz <michelle.baetz@tceq.texas.gov>
Subject: [EXTERNAL] RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

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Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hi J.T.,

I updated the deviation limits for SM01 and SM02 as requested.

Please re-submit form OP-PBRSUP. For Table D you **must** provide the monitoring and/or recordkeeping used to demonstrate compliance for **all** registered and claimed PBRs identified in sections A and B.

Please send the form by August 14th.

-Camilla

Camilla Widenhofer
TCEQ Air Permits Division
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Austin, TX 78753
Phone: (512)239-1028
Fax: (512)239-1300
camilla.widenhofer@tceq.texas.gov

How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

---

From: Fussell, John <John.T.Fussell@graphicpkg.com>
Sent: Monday, August 11, 2025 1:22 PM
To: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Cc: Troy Gayer <tgayer@all4inc.com>; R6AirPermitsTX <r6airpermitstx@epa.gov>; Michelle Baetz <michelle.baetz@tceq.texas.gov>
Subject: RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

Hi Camilla,

After reviewing the draft permit, we noticed that the "at no load" comment for minimum fan amps on the CAM summary for SM01 and SM02 should be removed since the minimum fan amps are calculated as the midpoint between the lowest of the 1-hr avg fan amp value during a performance test run and the no-load amps.

Please find the attached updated OP-PBRSUP, along with the updated OP-REQ1 to reflect the PBR updates and OP-CRO1 to certify the updated forms.

Thanks,

J.T. Fussell

From: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Sent: Monday, July 21, 2025 3:47 PM
To: Fussell, John <John.T.Fussell@graphicpkg.com>
Cc: Troy Gayer <tgayer@all4inc.com>
Subject: [EXTERNAL] RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

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Hello J.T.

Please review the attached draft permit and send any comments and submit form OP-PBRSUP (requested below) by August 11, 2025.

Please note the following:

- The response to OP-REQ1.VII.E was changed to NO as requested. As a result, unit LF-FUG is not eligible to have 40 CFR 61, Subpart M requirements. Therefore, that unit has been removed from the draft permit.
- For PB01 permit shields for NSPS D, Db and Dc were reinstated; for PB02 and RB01, permit shields for NSPS Db and Dc were reinstated; for RB02 the permit shield for NSPS Dc was reinstated and the permit shield for NSPS D was not reinstated since that rule is not potentially applicable (see OP-UA6, Table 1a form instructions); for SST02 permit shields for NSPS Ka and Kb were not reinstated since these rules are based on construction/reconstruction/modification date. The permit shield can apply only to the subpart for which it is potentially applicable (see OP-UA3, Tables 2 and 3 form instructions).
- Please re-submit form OP-PBRSUP. This form must include ALL PBRs registered and/or claimed for this facility. This form must include ALL tables including Table D which provides the monitoring and/or recordkeeping requirements used to demonstrate compliance with the applicable PBR.

As stated below, **all application updates must be submitted to EPA Region 6 at R6AirPermitsTX@epa.gov and to the TCEQ regional office having jurisdiction.**

-Camilla

Camilla Widenhofer
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Fax: (512)239-1300
camilla.widenhofer@tceq.texas.gov

How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

---

From: Fussell, John <John.T.Fussell@graphicpkg.com>
Sent: Tuesday, July 15, 2025 3:31 PM
To: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>

Cc: Troy Gayer <tgayer@all4inc.com>
Subject: RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

Hi Camilla,

Please find the attached comments from our review of the WDP, along with updated forms from our review. An OP-CRO1 form is included to certify the changes. Please advise if I also need to submit these updated forms to the EPA R6 and TCEQ R5 office per your email below.

Thanks,

J.T. Fussell

From: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Sent: Wednesday, June 18, 2025 7:37 AM
To: Fussell, John <John.T.Fussell@graphicpkg.com>
Subject: [EXTERNAL] RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

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Sorry about that! Here is the Major NSR Summary Table…

Take Care

-Camilla

Camilla Widenhofer
TCEQ Air Permits Division
P.O. Box 13087, MC 163
Austin, TX 78753
Phone: (512)239-1028
Fax: (512)239-1300
camilla.widenhofer@tceq.texas.gov

How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

---

From: Fussell, John <John.T.Fussell@graphicpkg.com>
Sent: Wednesday, June 18, 2025 7:31 AM
To: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Subject: RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

Hi Camilla,

I will review the WDP and your comments below to provide a response. In your last bulleted comment you mention adding the condition numbers in the attached Major NSR Summary Table, but I don't see the table attached. It seems like it should be in Appendix B at the very end of the WDP. Am I missing it somewhere?

Thanks,

J.T. Fussell

From: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Sent: Wednesday, June 18, 2025 6:54 AM
To: Fussell, John <John.T.Fussell@graphicpkg.com>
Subject: [EXTERNAL] Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

Caution: This email originated from outside the organization.
Do not click on links or open attachments unless you recognize the sender and know the content is safe.

I have been assigned to the Federal Operating Permit (FOP) renewal/revision/ application of Permit No. O1378 for Graphic Packaging International LLC/Texarkana Mill. This application has been assigned Project No. 37920. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

I have conducted a technical review of the application, and an electronic copy of the Working Draft Permit (WDP) is attached for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided. Please review the WDP and submit to me any comments you have by **July 15, 2025**. Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP.

-
In addition to your review of the WDP, please note the following:

- Submit form OP-PBRSUP. This form is required for all renewal applications for facilities with claimed and/or registered PBRs.
- OP-REQ1.XI.B.1 & 2 indicates that there is a standard permit associated with this facility, but none was found in TECQ's database, so no terms and conditions were added for pollution control standard permits.
- OP-REQ1.XI.L.5 & 6 indicates the facility is submitting a CAM implementation plan and schedule for NCG01, LK01, SM01, and SM02, but none was found in the application. Please verify whether you plan to submit a CAM implementation plan and schedule.
- Please add the current NSR Permit 2975 condition numbers that reflect the monitoring, recordkeeping, and reporting requirements in the attached Major NSR Summary Table.

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

Please notify me when these updates have been submitted.

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

Please review the "SOP Technical Review Fact Sheet" located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf. This guidance contains important information regarding the review process and application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

-Camilla

Camilla Widenhofer
TCEQ Air Permits Division
P.O. Box 13087, MC 163
Austin, TX 78753
Phone: (512)239-1028
Fax: (512)239-1300
camilla.widenhofer@tceq.texas.gov

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Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program
Texas Commission on Environmental Quality

All initial issuance, revision, renewal, and reopening permit application 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.

I. Identifying Information	
RN: RN100543115	
CN: CN 601710460	
Account No.: CG0010G	
Permit No.: O1378	
Project No.: 37920	
Area Name: Texarkana Mill	
Company Name: Graphic Packaging International, LLC	
II. Certification Type *(Please mark appropriate box)*	
☐ Responsible Official Representative	☒ Duly Authorized Representative
III. Submittal Type *(Please mark appropriate box) (Only one response can be accepted per form)*	
☐ SOP/TOP Initial Permit Application	☐ Permit Revision, Renewal, or Reopening
☐ GOP Initial Permit Application	☒ Update to Permit Application
☐ Other:	

Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program
Texas Commission on Environmental Quality

IV. Certification of Truth

This certification does not extend to information which is designated by TCEQ as information for reference only.

I, Jeffery Suelzer certify that I am the DAR

(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 _____ to _____

(Start Date) *(End Date)*

Specific Dates: 09/08/2025 _____ _____ _____

(Date 1) *(Date 2)* *(Date 3)* *(Date 4)*

_____ _____

(Date 5) *(Date 6)*

Signature: _____ Signature Date: 9-8-25

Title: Manufacturing Director

Form OP-DEL
Delegation of Responsible Official Information
Federal Operating Permit Program
Texas Commission on Environmental Quality

I. Identifying Information
Account Number: CG-0010-G
Regulated Entity Number: RN 100543115
Customer Reference Number: CN 601710460
Permit Number: O1378
Area Name: Texarkana Mill
Company Name: Graphic Packaging International, LLC
II. Duly Authorized Representative Information
Action Type: ☒ New DAR Identification ☐ Administrative Information Change
Conventional Title: ☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.
Name (Driver License/STEERS): Jeffery Suelzer
Title: Manufacturing Director
Delegation Effective Date: 8/29/25
Telephone Number: 903-796-1638
Fax Number:
Company Name: Graphic Packaging International, LLC
Mailing Address: 9978 FM 3129
City: Queen City
State: TX
ZIP Code: 75572
Email Address: Jeffery.Suelzer@graphicpkg.com

Form OP-DEL
Delegation of Responsible Official Information
Federal Operating Permit Program
Texas Commission on Environmental Quality

III. Certification of Truth, Accuracy, and Completeness

I, Marcus Daniel
(Name printed or typed: RO for New DAR Identification; RO or DAR for Administrative Information Change)

Certify that, based on information and belief formed after reasonable inquiry, the statements, and information stated above are true, accurate, and complete. (RO signature required for New DAR Identification only; DAR signature required for any Action Type)

Responsible Official Signature: Marcus Daniel

Date: 9/3/2025

Duly Authorized Representative Signature:

(Name(s) printed or typed) Jeffery P. Suelzer

Date: 9-2-25

IV. Removal of Duly Authorized Representative(s)

The following should be removed as Duly Authorized Representative(s):

(Name(s) printed or typed)

Effective Date:

Responsible Official Signature:

Date:

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. 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 TCEQ.

I. Identifying Information
Account No.: CG-0010-G
Regulated Entity Number: RN 100543115
Customer Reference Number: CN 601710460
Permit Number: O1378
Area Name: Texarkana Mill
Company: Graphic Packaging International, LLC
II. Change Type
Action Type: ☒ New Appointment ☐ Administrative Information Change
Contact Type **(only one response accepted per form)**: ☒ Responsible Official ☐ Designated Representative *(Acid Rain Program and/or CSAPR sources only)* ☐ Alternate Designated Representative *(Acid Rain Program and/or CSAPR sources only)*

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

III. Responsible Official/Designated Representative/Alternate Designated Representative Information
Conventional Title: ☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.
Name (Driver's License/STEERS): Marcus Daniel
Title: VP, Mills
Appointment Effective Date: 08/27/25
Telephone Number: 903-796-1518
Fax Number.:
Company Name: Graphic Packaging International, LLC
Mailing Address: 9978 FM 3129
City: Queen City
State: TX
ZIP Code: 75572
Email Address: Mark.Daniel@graphicpkg.com

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

IV. Certification of Truth, Accuracy, and Completeness
This certification does not extend to information, which is designated by TCEQ as information for reference only.
I, _____, certify that based on information and belief formed Reasonable inquiry, the statement and information stated above are true, accurate, and complete.
Signature: Marcus Daniel
Signature Date: 8/29/2025

Texas Commission on Environmental Quality

Title V Existing

1378

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	TEXARKANA MILL
Does the site have a physical address?	Yes
Physical Address	
Number and Street	9978 FM 3129
City	QUEEN CITY
State	TX
ZIP	75572
County	CASS
Latitude (N) (##.######)	33.255833
Longitude (W) (-###.######)	94.071388
Primary SIC Code	2631
Secondary SIC Code	
Primary NAICS Code	32211
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100543115
What is the name of the Regulated Entity (RE)?	GRAPHIC PACKAGING INTERNATIONAL TEXARKANA MILL
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	9978 FM 3129
City	QUEEN CITY
State	TX
ZIP	75572
County	CASS
Latitude (N) (##.######)	33.255833
Longitude (W) (-###.######)	-94.071388
Facility NAICS Code	
What is the primary business of this entity?	KRAFT PAPERBOARD MILL PRODUCING BLEACHED PULP

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN601710460
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Graphic Packaging International, LLC
Texas SOS Filing Number	4414206
Federal Tax ID	840772929
State Franchise Tax ID	18407729294

State Sales Tax ID	
Local Tax ID	
DUNS Number	840772929
Number of Employees	501+
Independently Owned and Operated?	No

Responsible Official Contact

Person TCEQ should contact for questions about this application:	
Organization Name	Graphic Packaging International LLC
Prefix	MR
First	Marcus
Middle	
Last	Daniel
Suffix	
Credentials	
Title	VP, Mills
Enter new address or copy one from list:	Site Physical Address
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	9978 FM 3129
Routing (such as Mail Code, Dept., or Attn:)	
City	QUEEN CITY
State	TX
ZIP	75572
Phone (###-###-####)	9037961518
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	Mark.Daniel@graphicpkg.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application	
Select existing DAR contact or enter a new contact.	New Contact
Organization Name	Graphic Packaging International LLC
Prefix	MR
First	Jeffery
Middle	
Last	Suelzer
Suffix	
Credentials	
Title	Manufacturing Director
Enter new address or copy one from list	Site Physical Address
Mailing Address	
Address Type	Domestic

Mailing Address (include Suite or Bldg. here, if applicable)	9978 FM 3129
Routing (such as Mail Code, Dept., or Attn:)	
City	QUEEN CITY
State	TX
Zip	75572
Phone (###-###-####)	9037961638
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	Jeffery.Suelzer@graphicpkg.com

Technical Contact

Person TCEQ should contact for questions about this application:	
Select existing TC contact or enter a new contact.	JOHN FUSSELL(GRAPHIC PACKAGI...)
Organization Name	GRAPHIC PACKAGING INTERNATIONAL LLC
Prefix	MR
First	JOHN
Middle	
Last	FUSSELL
Suffix	
Credentials	
Title	SR ENVIRONMENTAL ENGINEER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	9978 FM 3129
Routing (such as Mail Code, Dept., or Attn:)	
City	QUEEN CITY
State	TX
ZIP	75572
Phone (###-###-####)	9037991197
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	7702406334
E-mail	john.t.Fussell@graphicpkg.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	33 Deg 15 Min 21 Sec
3) Permit Longitude Coordinate:	94 Deg 4 Min 17 Sec
4) Is this submittal a new application or an update to an existing application?	Update
4.1. Select the permit/project number for which this update should be applied.	1378-37920
5) Who will electronically sign this Title V application?	Duly Authorized Representative

6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

Attach OP-2 (Application for Permit Revision/Renewal)

Attach OP-ACPS (Application Compliance Plan and Schedule)

Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

If applicable, attach OP-AR1 (Acid Rain Permit Application)

Attach OP-CRO2 (Change of Responsible Official Information)

[File Properties]

File Name	OP_CRO2_opcro2_250903_143731.pdf
Hash	3CAC4B0064C0F1E97BF15DB42E233948C3456521432CF8A1E8BA45B2FF0B4DF5
MIME-Type	application/pdf

Attach OP-DEL (Delegation of Responsible Official)

[File Properties]

File Name	OP_DEL_opdel_250903_143758.pdf
Hash	1E558B3ACCDCD6C73A857B950395E8163EFE47CB15166AC60FF9560ECA877024
MIME-Type	application/pdf

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

An additional space to attach any other necessary information needed to complete the permit.

Certification

I certify that I am the Duly Authorized Representative for this application and that, based on information and belief formed after reasonable inquiry, the statements and information on this form are true, accurate, and complete.

1. I am Jeffery Suelzer, the owner of the STEERS account ER116292.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcemer of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 1378.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Jeffery Suelzer OWNER OPERATOR

Account Number:	ER116292
Signature IP Address:	170.85.130.187
Signature Date:	2025-09-08
Signature Hash:	464C001B70E1E1E1FDCC7A1E766BE3048DFF3AFBE83DD755C6C9A80E10355EAA
Form Hash Code at time of Signature:	C31BF721052264623D17F4BD948E96DDED1D46F92A806B244D4C6E850FC1C365

Submission

Reference Number:	The application reference number is 814935
Submitted by:	The application was submitted by ER116292/Jeffery Suelzer
Submitted Timestamp:	The application was submitted on 2025-09-08 at 11:30:20 CDT
Submitted From:	The application was submitted from IP address 170.85.130.187
Confirmation Number:	The confirmation number is 676694
Steers Version:	The STEERS version is 6.92
Permit Number:	The permit number is 1378

Additional Information

Application Creator: This account was created by John T Fussell

From: Fussell, John
To: Camilla Widenhofer
Cc: Troy Gayer; Michelle Baetz
Subject: RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)
Date: Friday, August 29, 2025 10:14:49 AM
Attachments: image002.png
image004.png
image005.png
image006.png
image007.png
image008.png
OP-PBRSUP 8.29.25.pdf

Thanks for the guidance. Attached is the revised OP-PBRSUP with the 12/24/98 as the effective date for the baler PBR on table B.

J.T. Fussell

From: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Sent: Thursday, August 28, 2025 1:46 PM
To: Fussell, John <John.T.Fussell@graphicpkg.com>
Cc: Troy Gayer <tgayer@all4inc.com>; Michelle Baetz <michelle.baetz@tceq.texas.gov>
Subject: [EXTERNAL] RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

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John,

I see what you're saying. It turns out September 9, 1998 is the effective date only for the PBR that was updated on that date which was 106.491. However, the website would show all PBRs on that same page.

Rule Log No. 97165-106-AI
Dual Chamber Incinerators
Amendment to: §106.491
Date Adopted: August 19, 1998
Date Filed with the Secretary of State: August 20, 1998

5

Date Published in the *Texas Register*: September 4, 1998
Date Effective: September 9, 1998

Here are the effective dates for 106.261 & 106.262:

Source Note: The provisions of this §106.261 adopted to be effective March 14, 1997, 22 TexReg 2439; amended to be effective December 24, 1998, 23 TexReg 12925; amended to be effective September 4, 2000, 25 TexReg 8653; amended to be effective November 1, 2003, 28 TexReg 9279.

Source Note: The provisions of this §106.262 adopted to be effective March 14, 1997, 22 TexReg 2439; amended to be effective December 24, 1998, 23 TexReg 12925; amended to be effective September 4, 2000, 25 TexReg 8653; amended to be effective November 1, 2003, 28 TexReg 9279.

Please update the OP-PBRSUP as needed by September 2, 2025.

-Camilla

Camilla Widenhofer
TCEQ Air Permits Division
P.O. Box 13087, MC 163
Austin, TX 78753
Phone: (512)239-1028
Fax: (512)239-1300
camilla.widenhofer@tceq.texas.gov

How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

---

From: Fussell, John <John.T.Fussell@graphicpkg.com>
Sent: Monday, August 18, 2025 7:55 AM
To: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Cc: Troy Gayer <tgayer@all4inc.com>; Michelle Baetz <michelle.baetz@tceq.texas.gov>
Subject: RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

We listed the date as 9/9/1998 since this PBR is complying with the September 9, 1998 exemption list, attached. Please let me know if we should still update this to the effective date of 12/24/1998.

Thanks,

J.T. Fussell

From: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Sent: Friday, August 15, 2025 3:29 PM
To: Fussell, John <John.T.Fussell@graphicpkg.com>
Cc: Troy Gayer <tgayer@all4inc.com>; Michelle Baetz <michelle.baetz@tceq.texas.gov>
Subject: [EXTERNAL] RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

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Thank you for that update. Please re-submit OP-PBRSUP to update Table B since 09/09/1998 is not a valid effective date for PBR 106.261 or SE 106. You can use the effective date of 12/24/1998 for PBR 106.261. Please send this form by August 20th.

Blue Baler and Gray Baler	106.261	09/09/1998 (SE 106 Exemption List)

Rule Log No. 98019-106-AI
Exemptions from Permitting III
Amendment to: §106.261, §106.262
Date Adopted: December 2, 1998
Date Filed with the Secretary of State: December 4, 1998
Date Published in the *Texas Register*: December 18, 1998
Date Effective: December 24, 1998

Preamble Eff. Date: May 8, 1972	Preamble Eff. Date: December 1, 1972	Preamble Eff. Date: September 17, 1973
Preamble Eff. Date: April 4, 1975	Preamble Eff. Date: May 5, 1976	Preamble Eff. Date: January 8, 1980
Preamble Eff. Date: May 12, 1981	Preamble Eff. Date: September 23, 1982	Exemption Rule Eff. Date: March 15, 1985
Exemption Rule Eff. Date: November 25, 1985	Exemption Rule Eff. Date: November 5, 1986	Exemption Rule Eff. Date: August 30, 1988
Exemption Rule Eff. Date: September 12, 1989	Exemption Rule Eff. Date: July 20, 1992	Exemption Rule Eff. Date: September 13, 1993
Exemption Rule Eff. Date: May 4, 1994	Exemption Rule Eff. Date: April 5, 1995	Exemption Rule Eff. Date: October 4, 1995
Exemption Rule Eff. Date: June 7, 1996		

-Camilla

Camilla Widenhofer
TCEQ Air Permits Division
P.O. Box 13087, MC 163
Austin, TX 78753
Phone: (512)239-1028
Fax: (512)239-1300
camilla.widenhofer@tceq.texas.gov

How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

---

From: Fussell, John <John.T.Fussell@graphicpkg.com>
Sent: Tuesday, August 12, 2025 12:20 PM
To: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Cc: Troy Gayer <tgayer@all4inc.com>; R6AirPermitsTX <r6airpermitstx@epa.gov>; Michelle Baetz <michelle.baetz@tceq.texas.gov>
Subject: RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

Please find the revised OP-PBRSUP form and OP-REQ1 form. All registered and claimed PBRs now have recordkeeping information used to demonstrate compliance in Table D.

During our review, we found additional PBRs that were already incorporated into the NSR permit, so these were removed in this updated version.

Thanks,

J.T. Fussell

From: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Sent: Monday, August 11, 2025 2:10 PM
To: Fussell, John <John.T.Fussell@graphicpkg.com>
Cc: Troy Gayer <tgayer@all4inc.com>; R6AirPermitsTX <r6airpermitstx@epa.gov>; Michelle Baetz <michelle.baetz@tceq.texas.gov>
Subject: [EXTERNAL] RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

Caution: This email originated from outside the organization.
Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hi J.T.,

I updated the deviation limits for SM01 and SM02 as requested.

Please re-submit form OP-PBRSUP. For Table D you **must** provide the monitoring and/or recordkeeping used to demonstrate compliance for **all** registered and claimed PBRs identified in sections A and B.

Please send the form by August 14th.

-Camilla

Camilla Widenhofer
TCEQ Air Permits Division
P.O. Box 13087, MC 163
Austin, TX 78753
Phone: (512)239-1028
Fax: (512)239-1300
camilla.widenhofer@tceq.texas.gov

How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

---

From: Fussell, John <John.T.Fussell@graphicpkg.com>
Sent: Monday, August 11, 2025 1:22 PM
To: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Cc: Troy Gayer <tgayer@all4inc.com>; R6AirPermitsTX <r6airpermitstx@epa.gov>; Michelle Baetz <michelle.baetz@tceq.texas.gov>
Subject: RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

Hi Camilla,

After reviewing the draft permit, we noticed that the “at no load” comment for minimum fan amps on the CAM summary for SM01 and SM02 should be removed since the minimum fan amps are calculated as the midpoint between the lowest of the 1-hr avg fan amp value during a performance test run and the no-load amps.

Please find the attached updated OP-PBRSUP, along with the updated OP-REQ1 to reflect the PBR updates and OP-CRO1 to certify the updated forms.

Thanks,

J.T. Fussell

From: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Sent: Monday, July 21, 2025 3:47 PM
To: Fussell, John <John.T.Fussell@graphicpkg.com>
Cc: Troy Gayer <tgayer@all4inc.com>
Subject: [EXTERNAL] RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

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Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hello J.T.

Please review the attached draft permit and send any comments and submit form OP-PBRSUP (requested below) by August 11, 2025.

Please note the following:

- The response to OP-REQ1.VII.E was changed to NO as requested. As a result, unit LF-FUG is not eligible to have 40 CFR 61, Subpart M requirements. Therefore, that unit has been removed from the draft permit.
- For PB01 permit shields for NSPS D, Db and Dc were reinstated; for PB02 and RB01, permit shields for NSPS Db and Dc were reinstated; for RB02 the permit shield for NSPS Dc was reinstated and the permit shield for NSPS D was not reinstated since that rule is not potentially applicable (see OP-UA6, Table 1a form instructions); for SST02 permit shields for NSPS Ka and Kb were not reinstated since these rules are based on construction/reconstruction/modification date. The permit shield can apply only to the subpart for which it is potentially applicable (see OP-UA3, Tables 2 and 3 form instructions).
- Please re-submit form OP-PBRSUP. This form must include ALL PBRs registered and/or claimed for this facility. This form must include ALL tables including Table D which provides the monitoring and/or recordkeeping requirements used to demonstrate compliance with the applicable PBR.

As stated below, **all application updates must be submitted to EPA Region 6 at R6AirPermitsTX@epa.gov and to the TCEQ regional office having jurisdiction.**

-Camilla

Camilla Widenhofer
TCEQ Air Permits Division
P.O. Box 13087, MC 163
Austin, TX 78753
Phone: (512)239-1028
Fax: (512)239-1300
camilla.widenhofer@tceq.texas.gov

How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Fussell, John <John.T.Fussell@graphicpkg.com>
Sent: Tuesday, July 15, 2025 3:31 PM
To: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Cc: Troy Gayer <tgayer@all4inc.com>
Subject: RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

Hi Camilla,

Please find the attached comments from our review of the WDP, along with updated forms from our review. An OP-CRO1 form is included to certify the changes. Please advise if I also need to submit these updated forms to the EPA R6 and TCEQ R5 office per your email below.

Thanks,

J.T. Fussell

From: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Sent: Wednesday, June 18, 2025 7:37 AM
To: Fussell, John <John.T.Fussell@graphicpkg.com>
Subject: [EXTERNAL] RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

Caution: This email originated from outside the organization.
Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Sorry about that! Here is the Major NSR Summary Table…

Take Care

-Camilla

Camilla Widenhofer
TCEQ Air Permits Division
P.O. Box 13087, MC 163
Austin, TX 78753
Phone: (512)239-1028
Fax: (512)239-1300
camilla.widenhofer@tceq.texas.gov

How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Fussell, John <John.T.Fussell@graphicpkg.com>
Sent: Wednesday, June 18, 2025 7:31 AM
To: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Subject: RE: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

Hi Camilla,

I will review the WDP and your comments below to provide a response. In your last bulleted comment you mention adding the condition numbers in the attached Major NSR Summary Table, but I don't see the table attached. It seems like it should be in Appendix B at the very end of the WDP. Am I missing it somewhere?

Thanks,

J.T. Fussell

From: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Sent: Wednesday, June 18, 2025 6:54 AM
To: Fussell, John <John.T.Fussell@graphicpkg.com>
Subject: [EXTERNAL] Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)

Caution: This email originated from outside the organization.
Do not click on links or open attachments unless you recognize the sender and know the content is safe.

I have been assigned to the Federal Operating Permit (FOP) renewal/revision/ application of Permit No. O1378 for Graphic Packaging International LLC/Texarkana Mill. This application has been assigned Project No. 37920. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

I have conducted a technical review of the application, and an electronic copy of the Working Draft Permit (WDP) is attached for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided. Please review the WDP and submit to me any comments you have by **July 15, 2025**. Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP.

-
In addition to your review of the WDP, please note the following:

- Submit form OP-PBRSUP. This form is required for all renewal applications for facilities with claimed and/or registered PBRs.
- OP-REQ1.XI.B.1 & 2 indicates that there is a standard permit associated with this facility, but none was found in TECQ's database, so no terms and conditions were added for pollution control standard permits.
- OP-REQ1.XI.L.5 & 6 indicates the facility is submitting a CAM implementation plan and schedule for NCG01, LK01, SM01, and SM02, but none was found in the application. Please verify whether you plan to submit a CAM implementation plan and schedule.
- Please add the current NSR Permit 2975 condition numbers that reflect the monitoring, recordkeeping, and reporting requirements in the attached Major NSR Summary Table.

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

Please notify me when these updates have been submitted.

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

Please review the "SOP Technical Review Fact Sheet" located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf. This guidance contains important information regarding the review process and application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

-Camilla

Camilla Widenhofer
TCEQ Air Permits Division
P.O. Box 13087, MC 163
Austin, TX 78753
Phone: (512)239-1028
Fax: (512)239-1300
camilla.widenhofer@tceq.texas.gov

How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 1)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
08/11/2025	*O1378*	*RN100543115*

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

I.	**Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter**		
	A.	**Visible Emissions**	
♦	1.	The application area includes stationary vents constructed on or before January 31, 1972.	☒ Yes ☐ No
♦	2.	The application area includes stationary vents constructed after January 31, 1972. *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.*	☒ Yes ☐ 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.	☐ Yes ☒ No
♦	4.	All stationary vents are addressed on a unit specific basis.	☐ Yes ☒ 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.	☒ Yes ☐ No
♦	6.	The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).	☒ Yes ☐ 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).	☒ Yes ☐ No
♦	8.	Emissions from units in the application area include contributions from uncombined water.	☒ Yes ☐ 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).	☐ Yes ☒ No ☐ N/A

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 2)
Federal Operating Permit Program
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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

I.	**Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)**			
	B.	**Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots**		
	1.	Items a - d determine applicability of any of these requirements based on geographical location.		
♦		a.	The application area is located within the city of El Paso.	☐ Yes ☒ No
♦		b.	The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.	☐ Yes ☒ No
♦		c.	The application area is located in the portion of Harris County inside the loop formed by Beltway 8.	☐ Yes ☒ 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.	☐ Yes ☒ No
		If there is any "Yes" response to Questions I.B.1.a - d, answer Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "No," go to Section I.C.		
	2.	Items a - d determine the specific applicability of these requirements.		
♦		a.	The application area is subject to 30 TAC § 111.143.	☐ Yes ☐ No
♦		b.	The application area is subject to 30 TAC § 111.145.	☐ Yes ☐ No
♦		c.	The application area is subject to 30 TAC § 111.147.	☐ Yes ☐ No
♦		d.	The application area is subject to 30 TAC § 111.149.	☐ Yes ☐ No
	C.	**Emissions Limits on Nonagricultural Processes**		
♦	1.	The application area includes a nonagricultural process subject to 30 TAC § 111.151.		☒ Yes ☐ No
	2.	The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements. *If the response to Question I.C.2 is "No," go to Question I.C.4.*		☒ Yes ☐ No
	3.	All vents from nonagricultural process in the application area are subject to additional monitoring requirements.		☐ Yes ☒ No

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I.	**Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)**		
	C.	**Emissions Limits on Nonagricultural Processes (continued)**	
	4.	The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).	☐ Yes ☒ No
	5.	The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements. *If the response to Question I.C.5 is "No," go to Question I.C.7.*	☐ Yes ☒ No
	6.	All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.	☐ Yes ☐ No
	7.	The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).	☐ Yes ☒ No
	8.	The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements. *If the response to Question I.C.8 is "No," go to Section I.D.*	☐ Yes ☒ No
	9.	All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.	☐ Yes ☐ No
	D.	**Emissions Limits on Agricultural Processes**	
	1.	The application area includes agricultural processes subject to 30 TAC § 111.171.	☐ Yes ☒ No
	E.	**Outdoor Burning**	
♦	1.	Outdoor burning is conducted in the application area. *If the response to Question I.E.1 is "No," go to Section II.*	☒ Yes ☐ No
♦	2.	Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.	☒ Yes ☐ 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.	☒ Yes ☐ No
♦	4.	Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209.	☒ Yes ☐ No

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I.	**Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)**		
	E.	**Outdoor Burning (continued)**	
♦	5.	Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211.	☐ Yes ☒ No
♦	6.	Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.	☐ Yes ☒ No
♦	7.	The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215.	☐ Yes ☒ No
II.	**Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds**		
	A.	**Temporary Fuel Shortage Plan Requirements**	
	1.	The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18.	☒ Yes ☐ No
III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds**		
	A.	**Applicability**	
♦	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. *See instructions for inclusive counties. If the response to Question III.A.1 is "No," go to Section IV.*	☒ Yes ☐ No
	B.	**Storage of Volatile Organic Compounds**	
♦	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.	☒ Yes ☐ No

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III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	C.	**Industrial Wastewater**	
	1.	The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140. *If the response to Question III.C.1 is "No" or "N/A," go to Section III.D.*	☐ Yes ☐ No ☒ N/A
	2.	The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area. *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.*	☐ Yes ☐ 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). *If the response to Question III.C.3 is "Yes," go to Section III.D.*	☐ Yes ☐ 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). *If the response to Question III.C.4 is "Yes," go to Section III.D.*	☐ Yes ☐ 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).	☐ Yes ☐ 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).	☐ Yes ☐ 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).	☐ Yes ☐ No
	D.	**Loading and Unloading of VOCs**	
♦	1.	The application area includes VOC loading operations.	☒ Yes ☐ No
♦	2.	The application area includes VOC transport vessel unloading operations. *For GOP applications, if the responses to Questions III.D.1 - D.2 are "No," go to Section III.E.*	☒ Yes ☐ No

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III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	D.	**Loading and Unloading of VOCs (continued)**	
♦	3.	Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.	☐ Yes ☒ No
	E.	**Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities**	
♦	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. *If the response to Question III.E.1 is "No," go to Section III.F.*	☒ YES ☐ 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.	☐ YES ☒ 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. *If the response to Question III.E.2 and/or E.3 is "Yes," go to Section III.F.*	☐ Yes ☒ No
♦	4.	The application area is located in a covered attainment county as defined in 30 TAC § 115.10. *If the response to Question III.E.4 is "No," go to Question III.E.9.*	☒ Yes ☐ No
♦	5.	Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	☐ Yes ☒ No
♦	6.	Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	☒ Yes ☐ No
♦	7.	At facilities located in a covered attainment county 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. *If the response to Question III.E.7 is "Yes," go to Section III.F.*	☒ Yes ☐ No

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III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	E.	**Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)**	
♦	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. *If the response to Question III.E.8 is "Yes," go to Section III.F.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
	F.	**Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)**	
♦	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.	☐ Yes ☐ No ☐ N/A

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III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	F.	**Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)**	
♦	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.	☐ Yes ☐ No ☐ 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.	☐ Yes ☐ No ☐ N/A
	G.	**Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities**	
♦	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. *If the response to Question III.G.1 is "No" or "N/A," go to Section III.H.*	☐ Yes ☐ No ☒ N/A
♦	2.	The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012.	☐ Yes ☐ No
♦	3.	The application area includes facilities that began construction prior to November 15, 1992. *If the responses to Questions III.G.2 and III.G.3 are both "No," go to Section III.H.*	☐ Yes ☐ No
♦	4.	The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline.	☐ Yes ☐ 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.	☐ Yes ☐ No ☐ N/A

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III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	H.	**Control of Reid Vapor Pressure (RVP) of Gasoline**	
♦	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. *If the response to Question III.H.1 is "No" or "N/A," go to Section III.I.*	☐ Yes ☐ No ☒ 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.	☐ Yes ☐ No
♦	3.	The application area includes a motor vehicle fuel dispensing facility.	☐ Yes ☐ No
♦	4.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.	☐ Yes ☐ No
	I.	**Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries**	
	1.	The application area is located at a petroleum refinery.	☐ Yes ☒ No
	J.	**Surface Coating Processes (Complete this section for GOP applications only.)**	
♦	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.	☐ Yes ☐ No ☐ 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. *If the response to Question III.K.1 is "N/A," go to Section III.L.*	☐ Yes ☐ No ☒ 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.	☐ Yes ☐ No ☐ N/A
	3.	Asphalt emulsion is used or produced within the application area.	☐ Yes ☐ No
	4.	The application area is using an alternate control requirement as specified in 30 TAC § 115.513. *If the response to Question III.K.4 is "No," go to Section III.L.*	☐ Yes ☐ 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).	☐ Yes ☐ No
	6.	The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.	☐ Yes ☐ No
	7.	The applicant using cutback asphalt is a state, municipal, or county agency.	☐ Yes ☐ 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. *If the response to Question III.L.1 is "No" or "N/A," go to Section III.M.*	☐ Yes ☐ No ☒ N/A
♦	2.	Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area. *If the response to Question III.L.2 is "Yes," go to Section III.M.*	☐ Yes ☐ No ☐ N/A

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III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	L.	**Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)**	
♦	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.	☐ Yes ☐ No ☐ 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.	☐ Yes ☐ No ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No ☐ 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 ≥ 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area.	☐ Yes ☐ No ☐ N/A
	M.	**Petroleum Dry Cleaning Systems**	
	1.	The application area contains one or more petroleum dry cleaning facilities that use petroleum-based solvents.	☐ Yes ☐ No ☒ N/A

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III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	N.	**Vent Gas Control (Highly Reactive Volatile Organic Compounds (HRVOC)**	
	1.	The application area includes one or more vent gas streams containing HRVOC.	☐ Yes ☐ No ☒ N/A
	2.	The application area includes one or more flares that emit or have the potential to emit HRVOC. *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.*	☐ Yes ☐ No ☒ 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.	☐ Yes ☐ 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. *If the responses to Questions III.N.3 and III.N.4 are both "Yes," go to Section III.O.*	☐ Yes ☐ No
	5.	The application area contains pressure relief valves that are not controlled by a flare.	☐ Yes ☐ No
	6.	The application area has at least one vent stream which has no potential to emit HRVOC.	☐ Yes ☐ No
	7.	The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).	☐ Yes ☐ No
	O.	**Cooling Tower Heat Exchange Systems (HRVOC)**	
	1.	The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC.	☐ Yes ☐ No ☒ 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. *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.*	☐ Yes ☒ No
	2.	The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln. *If the response to Question IV.A.2 is "Yes," go to Question IV.H.1.*	☐ Yes ☒ No
	3.	The application area includes a utility electric generator in an east or central Texas county. *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.*	☐ Yes ☒ 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. *If the response to Question IV.B.1 is "No," go to Question IV.C.1.*	☐ Yes ☐ No
	2.	The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.	☐ Yes ☐ 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. *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.*	☐ Yes ☐ NO
♦	2.	The application area is located at a site that was a major source of NO_X before November 15, 1992.	☐ Yes ☐ No ☐ N/A
♦	3.	The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.	☐ Yes ☐ No
	D.	**Adipic Acid Manufacturing**	
	1.	The application area is located at, or part of, an adipic acid production unit.	☐ Yes ☐ No ☐ N/A
	E.	**Nitric Acid Manufacturing - Ozone Nonattainment Areas**	
	1.	The application area is located at, or part of, a nitric acid production unit.	☐ Yes ☐ No ☐ 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_X in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County). *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.*	☐ Yes ☐ 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).	☐ Yes ☐ 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).	☐ Yes ☐ 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.	☐ Yes ☐ No
♦	5.	The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110.	☐ Yes ☐ 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. *If the response to Question IV.F.6 is "No," go to Section IV.G.*	☐ Yes ☐ No
	7.	An ACSS for carbon monoxide (CO) has been approved?	☐ Yes ☐ No
	8.	An ACSS for ammonia (NH_3) has been approved?	☐ Yes ☐ 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. *If the response to Question IV.G.1 is "No," go to Question IV.H.1.*	☐ Yes ☐ No
	2.	The application area is complying with the System Cap in 30 TAC § 117.3020.	☐ Yes ☐ 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. *If the response to question IV.H.1 is "No," go to Section V.*	☐ Yes ☒ No
	2.	All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.	☐ Yes ☐ No

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

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 refinish coatings or coating components and sells or distributes these coatings or coating components in the United States.	☐ Yes ☒ No
2.	The application area imports automobile refinish coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States. *If the responses to Questions V.A.1 and V.A.2 are both "No," go to Section V.B.*	☐ Yes ☒ No
3.	All automobile refinish 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).	☐ Yes ☐ 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.	☐ Yes ☒ 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.	☐ Yes ☒ No
3.	The application area is a distributor of consumer products whose name appears on the label of one or more of the products. *If the responses to Questions V.B.1 - V.B.3 are all "No," go to Section V.C.*	☐ Yes ☒ 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).	☐ Yes ☐ No

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

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)**		
	C.	**Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings**	
	1.	The application area manufactures or imports architectural coatings for sale or distribution in the United States.	☐ Yes ☒ No
	2.	The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. *If the responses to Questions V.C.1-2 are both "No," go to Section V.D.*	☐ Yes ☒ 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).	☐ Yes ☐ No
	D.	**Subpart E - National Volatile Organic Compound Emission Standards for Aerosol Coatings**	
	1.	The application area manufactures or imports aerosol coating products for sale or distribution in the United States.	☐ Yes ☒ No
	2.	The application area is a distributor of aerosol coatings for resale or distribution in the United States.	☐ Yes ☒ No
	E.	**Subpart F - Control of Evaporative Emissions from New and In-Use Portable Fuel Containers**	
	1.	The application area manufactures or imports portable fuel containers for sale or distribution in the United States. *If the response to Question V.E.1 is "No," go to Section VI.*	☐ Yes ☒ 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).	☐ Yes ☐ No
VI.	**Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards**		
	A.	**Applicability**	
♦	1.	The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts. *If the response to Question VI.A.1 is "No," go to Section VII.*	☒ Yes ☐ No

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

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. *If the response to Question VI.B.1 is "No," go to Section VI.C.*	☐ Yes ☒ No
	2.	The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). *If the response to Question VI.B.2 is "No," go to Section VI.C.*	☐ Yes ☐ No
	3.	The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. *If the response to Question VI.B.3 is "Yes," go to Section VI.C.*	☐ Yes ☐ No
	4.	The plant contains an open storage pile, as defined in § 60.251, as an affected facility. *If the response to Question VI.B.4 is "No," go to Section VI.C.*	☐ Yes ☐ No
	5.	The open storage pile was constructed, reconstructed or modified after May 27, 2009.	☐ Yes ☐ 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. *If the response to Question VI.C.1 is "No" or "N/A," go to Section VI.E.*	☐ Yes ☐ No ☐ 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. *If the response to Question VI.C.2 is "No," go to Section VI.E.*	☐ Yes ☐ 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).	☐ Yes ☐ 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.	☐ Yes ☐ No

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

VI.	**Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**		
	C.	**Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)**	
♦	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.	☐ Yes ☐ No
	D.	**Subpart XX - Standards of Performance for Bulk Gasoline Terminals**	
	1.	The application area includes bulk gasoline terminal loading racks. *If the response to Question VI.D.1 is "No," go to Section VI.E.*	☐ Yes ☒ No ☐ 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.	☐ Yes ☐ No
	E.	**Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO_2) Emissions**	
♦	1.	The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). *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 or "N/A," go to Section VI.H.*	☐ Yes ☒ No
♦	2.	The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011. *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.*	☐ Yes ☐ 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. *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.*	☐ Yes ☐ No

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

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_2) Emissions (continued)**	
♦	4.	Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD. *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.*	☐ Yes ☐ 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. *If the response to Question VI.F.1 is "No," go to Section VI.G.*	☐ Yes ☒ 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.	☐ Yes ☐ 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. *If the response to Question VI.G.1 is "No," go to Section VI.H.*	☐ Yes ☒ No
	2.	The application area includes storm water sewer systems.	☐ Yes ☐ No

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

VI.	**Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**		
	G.	**Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)**	
	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.	☐ Yes ☐ No
	4.	The application area includes non-contact cooling water systems.	☐ Yes ☐ No
	5.	The application area includes individual drain systems. *If the response to Question VI.G.5 is "No," go to Section VI.H.*	☐ Yes ☐ No
	6.	The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	☐ Yes ☐ No
	7.	The application area includes completely closed drain systems.	☐ Yes ☐ No
	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**	
♦	1.	The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. *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.*	☐ Yes ☒ No ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
♦	4.	The application area includes at least one air curtain incinerator. *If the response to Question VI.H.4 is "No," go to Section VI.I.*	☐ Yes ☒ No

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

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. *If the response to Question VI.H.5 is "No," go to Question VI.H.7.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *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.*	☐ Yes ☒ No ☐ 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.	☐ Yes ☐ No

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

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.	☐ Yes ☐ No
♦	4.	The application area includes at least one air curtain incinerator. *If the response to Question VI.I.4 is "No," go to Section VI.J.*	☐ Yes ☒ 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. *If the response to Question VI.I.5 is "No," go to VI.I.7.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No

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

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. *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.*	☐ Yes ☒ No ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
♦	4.	The application area includes at least one air curtain incinerator. *If the response to Question VI.J.4 is "No," go to Section VI.K.*	☐ Yes ☒ 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. *If the response to Question VI.J.5 is "No," go to Question VI.J.7.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No

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

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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☒ 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. *If the response to Question VII.A.1 is "No" or "N/A," go to Section VIII.*	☒ Yes ☐ No ☐ 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.	☐ Yes ☒ 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.	☐ Yes ☐ No ☐ 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). *If the response to Question VII.D.1 is "No," go to Section VII.E.*	☐ Yes ☒ No
	2.	The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b).	☐ Yes ☐ No
	3.	The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.	☐ Yes ☐ 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. *If the response to Question VII.E.1 is "No," go to Section VII.F.*	☐ Yes ☒ No
		Roadway Construction	
	2.	The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	☐ Yes ☒ No
		Manufacturing Commercial Asbestos	
	3.	The application area includes a manufacturing operation using commercial asbestos. *If the response to Question VII.E.3 is "No," go to Question VII.E.4.*	☐ Yes ☒ No
		a. Visible emissions are discharged to outside air from the manufacturing operation	☐ Yes ☐ No
		b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.	☐ Yes ☐ 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)**	
		***Manufacturing Commercial Asbestos* (continued)**	
	c.	Asbestos-containing waste material is processed into non-friable forms.	☐ Yes ☐ No
	d.	Asbestos-containing waste material is adequately wetted.	☐ Yes ☐ No
	e.	Alternative filtering equipment is being used that has received EPA approval.	☐ Yes ☐ 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	☐ 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
		Asbestos Spray Application	
4.		The application area includes operations in which asbestos-containing materials are spray applied. *If the response to Question VII.E.4 is "No," go to Question VII.E.5.*	☐ Yes ☒ No
	a.	Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying. *If the response to Question VII.E.4.a is "Yes," go to Question VII.E.5.*	☐ Yes ☐ No
	b.	Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.	☐ Yes ☐ No
	c.	An alternative emission control and waste treatment method is being used that has received prior EPA approval.	☐ Yes ☐ 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)**	
		***Asbestos Spray Application* (continued)**	
	d.	Asbestos-containing waste material is processed into non-friable forms.	☐ Yes ☐ No
	e.	Asbestos-containing waste material is adequately wetted.	☐ Yes ☐ No
	f.	Alternative filtering equipment is being used that has received EPA approval.	☐ Yes ☐ No
	g.	A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles.	☐ Yes ☐ 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.	☐ Yes ☐ No
		Fabricating Commercial Asbestos	
5.		The application area includes a fabricating operation using commercial asbestos. *If the response to Question VII.E.5 is "No," go to Question VII.E.6.*	☐ Yes ☒ No
	a.	Visible emissions are discharged to outside air from the manufacturing operation.	☐ Yes ☐ No
	b.	An alternative emission control and waste treatment method is being used that has received prior EPA approval.	☐ Yes ☐ No
	c.	Asbestos-containing waste material is processed into non-friable forms.	☐ Yes ☐ No
	d.	Asbestos-containing waste material is adequately wetted.	☐ Yes ☐ No
	e.	Alternative filtering equipment is being used that has received EPA approval.	☐ Yes ☐ 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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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.	☐ Yes ☐ No
4.	The application area includes benzene transfer operations at tank-truck loading racks.	☐ Yes ☐ 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.	☐ Yes ☒ 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). *If the responses to Questions VII.H.1 and VII.H.2 are both "No," go to Section VIII.*	☐ Yes ☒ No
3.	The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates. *If the response to Question VII.H.3 is "Yes," go to Section VIII.*	☐ Yes ☐ 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). *If the response to Question VII.H.4 is "Yes," go to Section VIII*	☐ Yes ☐ 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. *If the response to Question VII.H.5 is "Yes," go to Section VIII.*	☐ Yes ☐ 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.	☐ Yes ☐ No
7.	The application area has waste streams with flow-weighted annual average water content of 10% or greater.	☐ Yes ☐ 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).	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
11.	The application area transfers waste off-site for treatment by another facility.	☐ Yes ☐ No
12.	The application area is complying with 40 CFR § 61.342(d).	☐ Yes ☐ No
13.	The application area is complying with 40 CFR § 61.342(e). *If the response to Question VII.H.13 is "No," go to Question VII.H.15.*	☐ Yes ☐ No
14.	The application area has facility waste with a flow weighted annual average water content of less than 10%.	☐ Yes ☐ 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)**	
	Container Requirements	
15.	The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste. *If the response to Question VII.H.15 is "No," go to Question VII.H.18.*	☐ Yes ☐ No
16.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. *If the response to Question VII.H.16 is "Yes," go to Question VII.H.18.*	☐ Yes ☐ No
17.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	☐ Yes ☐ No
	Individual Drain Systems	
18.	The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste. *If the response to Question VII.H.18 is "No," go to Question VII.H.25.*	☐ Yes ☐ No
19.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. *If the response to Question VII.H.19 is "Yes," go to Question VII.H.25.*	☐ Yes ☐ No
20.	The application area has individual drain systems complying with 40 CFR § 61.346(a). *If the response to Question VII.H.20 is "No," go to Question VII.H.22.*	☐ Yes ☐ 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.	☐ Yes ☐ 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)**	
		***Individual Drain Systems* (continued)**	
	22.	The application area has individual drain systems complying with 40 CFR § 61.346(b). *If the response to Question VII.H.22 is "No," go to Question VII.H.25.*	☐ Yes ☐ 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.	☐ Yes ☐ No
	24.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	☐ Yes ☐ No
		Remediation Activities	
	25.	Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.	☐ Yes ☐ No
VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories**		
	A.	**Applicability**	
♦	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. *See instructions for 40 CFR Part 63 subparts made applicable only by reference.*	☒ Yes ☐ No
	B.	**Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry**	
	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). *If the response to Question VIII.B.1 is "No," go to Section VIII.D.*	☒ 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)**	
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). *If the response to Question VIII.B.2 is "No," go to Section VIII.D.*	☐ Yes ☒ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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 not 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. *If the response to Questions VIII.B.3, B.4 and B.5 are all "No," go to Section VIII.D.*	☐ 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)		
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. *If the response to Question VIII.C.1 is "No," go to Section VIII.D.*	☐ Yes ☐ No
2.	The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.	☐ Yes ☐ No
3.	The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148. *If the response to Question VIII.C.3 is "No," go to Question VIII.C.8.*	☐ Yes ☐ No
4.	The application area includes vapor collection systems or closed-vent systems that are constructed of hard piping.	☐ Yes ☐ 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. *If the response to Question VIII.C.5 is "No," go to Question VIII.C.8.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ 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)**	
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. *If the response to Question VIII.C.8 is "No," go to Question VIII.C.11.*	☐ Yes ☐ No
9.	The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater.	☐ 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. *If the response to Question VIII.C.12 is "No," go to Question VIII.C.34.*	☐ Yes ☐ No
13.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. *If the response to Question VIII.C.13 is "No," go to Question VIII.C.15.*	☐ Yes ☐ No
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. *If the response to Question VIII.C.15 is "No," go to Question VIII.C.17.*	☐ 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)		
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).	☐ Yes ☐ No
17.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272. *If the response to Question VIII.C.17 is "No," go to Question VIII.C.20.*	☐ Yes ☐ No
18.	The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).	☐ Yes ☐ No
19.	The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii).	☐ Yes ☐ 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.	☐ Yes ☐ No
21.	The application area includes process wastewater streams, located at existing sources that are Group 2.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ 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)**	
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. *If the response to Question VIII.C.24 is "Yes," go to Question VIII.C.34.*	☐ Yes ☐ 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. *If the response to Question VIII.C.25 is "No," go to Question VIII.C.27.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
28.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.C.27 - VIII.C.28 are both "No," go to Question VIII.C.30.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ 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)**	
	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. *If the response to Question VIII.C.31 is "No," go to Question VIII.C.34.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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). *If the response to Question VIII.C.34 is "No," go to Question VIII.C.39.*	☐ Yes ☐ 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). *If the response to Question VIII.C.35 is "No," go to Question VIII.C.39.*	☐ Yes ☐ 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.	☐ 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)**	
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)**	
	***Drains* (continued)**	
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.	☐ Yes ☐ 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.	☐ Yes ☐ No
	Gas Streams	
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.	☐ Yes ☐ 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).	☐ Yes ☐ No
D.	**Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks**	
1.	The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations.	☐ 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)**	
E.	**Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities**	
1.	The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials. *If the response to Question VIII.E.1 is "No," go to Section VIII.F.*	☐ Yes ☒ No
2.	Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O. *If the response to Question VIII.E.2 is "No," go to Section VIII.F.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
F.	**Subpart Q - National Emission Standards for Industrial Process Cooling Towers**	
1.	The application area includes industrial process cooling towers. *If the response to Question VIII.F.1 is "No," go to Section VIII.G.*	☒ Yes ☐ No
2.	Chromium-based water treatment chemicals have been used on or after September 8, 1994.	☐ Yes ☒ No
G.	**Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)**	
1.	The application area includes a bulk gasoline terminal.	☐ Yes ☒ No
2.	The application area includes a pipeline breakout station. *If the responses to Questions VIII.G.1 and VIII.G.2 are both "No," go to Section VIII.H.*	☐ Yes ☒ 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. *If the response to Question VIII.G.3 is "Yes," go to Question VIII.G.10.*	☐ 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)**	
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. *If the response to Question VIII.G.4 is "Yes," go to Question VIII.G.10.*	☐ Yes ☐ No
5.	An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station. *If the response to Question VIII.G.5 is "No," go to Question VIII.G.10.*	☐ Yes ☐ 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). *If the response to Question VIII.G.6 is "No," go to Question VIII.G.10.*	☐ Yes ☐ No
7.	Emissions screening factor less than 0.5 (ET or EP < 0.5). *If the response to Question VIII.G.7 is "Yes," go to Section VIII.H.*	☐ Yes ☐ No
8.	Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0). *If the response to Question VIII.G.8 is "Yes," go to Section VIII.H.*	☐ Yes ☐ No
9.	Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0). *If the response to Question VIII.G.9 is "Yes," go to Question VIII.G.11.*	☐ Yes ☐ No
10.	The site at which the application area is located is a major source of HAP. *If the response to Question VIII.G.10 is "No," go to Section VIII.H.*	☐ Yes ☐ No
11.	The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).	☐ 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)**	
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. *If the response to Question VIII.H.1 is "No," go to Section VIII.I.*	☒ Yes ☐ No
2.	The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3). *If the response to Question VIII.H.2 is "No," go to Section VIII.I.*	☒ Yes ☐ No
3.	The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources. *If the response to Question VIII.H.3 is "No," go to Section VIII.I.*	☒ Yes ☐ No
4.	The application area includes one or more kraft pulping systems that are existing sources.	☒ Yes ☐ No
5.	The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.	☐ Yes ☒ 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. *If the response to Question VIII.H.6 is "No," go to Section VIII.I.*	☐ Yes ☒ No
7.	The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).	☐ Yes ☐ No
8.	The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).	☐ 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)**	
I.	**Subpart T - National Emission Standards for Halogenated Solvent Cleaning**	
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.	☐ Yes ☒ 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.	☐ Yes ☒ 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.	☐ Yes ☒ No
J.	**Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins**	
1.	The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units. *If the response to Question VIII.J.1 is "No," go to Section VIII.K.*	☐ Yes ☒ 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. *If the response to Question VIII.J.2 is "No," go to Section VIII.K.*	☐ Yes ☐ 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.	☐ Yes ☐ No
4.	The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.	☐ 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)**	
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. *If the response to Question VIII.J.5 is "Yes," go to Question VIII.J.15.*	☐ Yes ☐ 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. *If the response to Question VIII.J.6 is "No," go to Question VIII.J.8.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
9.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.J.8 - VIII.J.9 are both "No," go to Question VIII.J.11.*	☐ Yes ☐ 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.	☐ 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)**	
J.	**Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)**	
	Containers	
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.	☐ Yes ☐ No
	Drains	
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. *If the response to Question VIII.J.12 is "No," go to Question VIII.J.15.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
15.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit. *If the response to Question VIII.J.15 is "No," go to Section VIII.K.*	☐ Yes ☐ 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). *If the response to Question VIII.J.16 is "No," go to Section VIII.K.*	☐ 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)**	
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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the response to Question VIII.K.1 is "No" or "N/A," go to Section VIII.L.*	☐ Yes ☒ No ☐ N/A
2.	The application area includes a BLR and/or WSR research and development facility.	☐ 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)**	
L.	**Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting**	
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. *If the response to Question VIII.L.1 is "No" or "N/A," go to Section VIII.M.*	☐ Yes ☒ No ☐ 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.	☐ Yes ☐ No
M.	**Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations**	
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.	☐ Yes ☒ No
N.	**Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries**	
	Applicability	
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). *If the response to Question VIII.N.1 is "No," go to Section VIII.O.*	☐ Yes ☒ 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). *If the response to Question VIII.N.2 is "Yes," go to Section VIII.O.*	☐ 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)**	
	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). *If the response to Question VIII.N.3 is "No," go to Section VIII.O.*	☐ Yes ☐ 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. *If the response to Question VIII.N.4 is "No," go to Section VIII.O.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the response to Question VIII.N.7 is "No," go to Question VIII.N.13.*	☐ Yes ☐ No
8.	The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).	☐ 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)**	
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). *If the response to Question VIII.N.9 is "No," go to Question VIII.N.13.*	☐ Yes ☐ No
10.	The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	☐ 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
13.	The application area includes Group 1 gasoline loading racks as specified in § 63.650(a).	☐ 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). *If the response to Question VIII.O.1 is "No" or "N/A," go to Section VIII.P*	☐ Yes ☒ No ☐ N/A
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).	☐ Yes ☐ 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."	☐ Yes ☐ No
6.	The predominant activity in the application area is the treatment of wastewater received from off-site.	☐ Yes ☐ 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).	☐ Yes ☐ 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.	☐ YES ☐ 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).	☐ Yes ☐ 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. *If the response to Question VIII.O.10 is "Yes," go to Section VIII.P.*	☐ 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)**	
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. *If the response to Question VIII.O.11 is "No," go to Question VIII.O.14.*	☐ Yes ☐ No
12.	VOHAP concentration is determined by direct measurement.	☐ Yes ☐ No
13.	VOHAP concentration is based on knowledge of the off-site material.	☐ Yes ☐ 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. *If the response to Question VIII.O.14 is "No," go to Question VIII.O.17.*	☐ Yes ☐ 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.	☐ Yes ☐ No
16.	An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.	☐ Yes ☐ No
17.	The application area includes containers that manage non-exempt off-site material.	☐ Yes ☐ No
18.	The application area includes individual drain systems that manage non-exempt off-site materials.	☐ 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)**		
	P.	**Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities**	
	1.	The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. *If the response to Question VIII.P.1 is "No" or "N/A," go to Section VIII.Q.*	☐ Yes ☒ No ☐ N/A
	2.	The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	☐ Yes ☐ No
	Q.	**Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.**	
♦	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.	☐ Yes ☒ 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. *For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.R.* *For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.Z.*	☐ Yes ☒ No
♦	3.	The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. *For SOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.R.* *For GOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.Z.*	☐ Yes ☐ No
♦	4.	The application area is located at a site that is a major source of HAP. *If the response to Question VIII.Q.4 is "No," go to Question VIII.Q.6.*	☐ 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)**		
	Q.	**Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)**	
♦	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^3) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day. *For SOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.R.* *For GOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.Z.* *For all applications, if the response to Question VIII.Q.5 is "No," go to Question VIII.Q.9.*	☐ Yes ☐ No
♦	6.	The application area includes a triethylene glycol (TEG) dehydration unit. *For SOP applications, f 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.*	☐ Yes ☐ No
♦	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.	☐ Yes ☐ No
♦	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.	☐ Yes ☐ No
♦	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).	☐ 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)		
R.	**Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)**	
1.	The application area includes shipbuilding or ship repair operations. *If the response to Question VIII.R.1 is "NO," go to Section VIII.S.*	☐ Yes ☒ No
2.	Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.	☐ Yes ☐ No
S.	**Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations**	
1.	The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations. *If the response to Question VIII.S.1 is "No" or "N/A," go to Section VIII.T.*	☐ Yes ☒ No ☐ N/A
2.	The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.	☐ Yes ☐ No
T.	**Subpart KK - National Emission Standards for the Printing and Publishing Industry**	
1.	The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.	☐ Yes ☒ No ☐ N/A
U.	**Subpart PP - National Emission Standards for Containers**	
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. *If the response to Question VIII.U.1 is "NO," go to Section VIII.V.*	☐ Yes ☒ No
2.	The application area includes containers using Container Level 1 controls.	☐ Yes ☐ No
3.	The application area includes containers using Container Level 2 controls.	☐ 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)**	
U.	**Subpart PP - National Emission Standards for Containers (continued)**	
4.	The application area includes containers using Container Level 3 controls.	☐ Yes ☐ No
V.	**Subpart RR - National Emission Standards for Individual Drain Systems**	
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.	☒ Yes ☐ No
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards**	
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.	☐ Yes ☒ 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. *If the responses to Questions VIII.W.1 and VIII.W.2 are both "No," go to Question VIII.W.20.*	☐ Yes ☒ 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).	☐ Yes ☐ 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).	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the response to Question VIII.W.6 is "No," go to Question VIII.W.8.*	☐ 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)**	
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**	
7.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐ Yes ☐ 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.	☐ Yes ☐ No
9.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.W.8 and W.9 are both "No," go to Question VIII.W.11.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the response to Question VIII.W.12 is "No," go to Question VIII.W.15.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ 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)**	
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. *If the response to Question VIII.W.15 is "No," go to Question VIII.W.20.*	☐ Yes ☐ 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). *If the response to Question VIII.W.16 is "No," go to Question VIII.W.20.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ 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)**	
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.	☐ Yes ☐ No
20.	The application area includes an ethylene production process unit.	☐ Yes ☒ No ☐ N/A
21.	The application area includes waste streams generated from an ethylene production process unit. *If the responses to Questions VIII.W.20 and VIII.W.21 are both "No" or "N/A," go to Question VIII.W.54.*	☐ Yes ☒ No ☐ 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). *If the response to Question VIII.W.22 is "No," go to Question VIII.W.54.*	☐ Yes ☐ No
23.	Waste stream(s) are transferred off-site for treatment. *If the response to Question VIII.W.23 is "No," go to Question VIII.W.25.*	☐ Yes ☐ No
24.	The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. *If the response to Question VIII.W.24 is "No," go to Question VIII.W.54.*	☐ 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)**	
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**	
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).	☐ Yes ☐ 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). *If the response to Question VIII.W.26 is "No," go to Question VIII.W.43.*	☐ Yes ☐ 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. *If the response to Question VIII.W.27 is "No," go to Question VIII.W.43.*	☐ Yes ☐ 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). *If the response to Question VIII.W.28 is "No," go to Question VIII.W.33.*	☐ Yes ☐ No
29.	The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	☐ Yes ☐ No
30.	The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. *If the response to Question VIII.W.30 is "No," go to Question VIII.W.43.*	☐ Yes ☐ 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.	☐ 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)**	
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. *If the response to Question VIII.W.32 is required, go to Question VIII.W.43.*	☐ Yes ☐ No
33.	The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream. *If the response to Question VIII.W.33 is "No," go to Question VIII.W.36.*	☐ Yes ☐ No
34.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. *If the response to Question VIII.W.34 is "Yes," go to Question VIII.W.36.*	☐ Yes ☐ No
35.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	☐ Yes ☐ 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. *If the response to Question VIII.W.36 is "No," go to Question VIII.W.43.*	☐ Yes ☐ No
37.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. *If the response to Question VIII.W.37 is "Yes," go to Question VIII.W.43.*	☐ 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)**	
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). *If the response to Question VIII.W.38 is "No," go to Question VIII.W.40.*	☐ Yes ☐ 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.	☐ Yes ☐ No
40.	The application area has individual drain systems complying with 40 CFR § 61.346(b). *If the response to Question VIII.W.40 is "No," go to Question VIII.W.43.*	☐ Yes ☐ 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.	☐ Yes ☐ No
42.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	☐ Yes ☐ No
43.	The application area has at least one waste stream that contains benzene. *If the response to Question VIII.W.43 is "No," go to Question VIII.W.54.*	☐ Yes ☐ No
44.	The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene. *If the response to Question VIII.W.44 is "No," go to Question VIII.W.47.*	☐ Yes ☐ No
45.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. *If the response to Question VIII.W.45 is "Yes," go to Question VIII.W.47.*	☐ 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)**	
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.	☐ Yes ☐ 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. *If the response to Question VIII.W.47 is "No," go to Question VIII.W.54.*	☐ Yes ☐ No
48.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. *If the response to Question VIII.W.48 is "Yes," go to Question VIII.W.54.*	☐ Yes ☐ No
49.	The application area has individual drain systems complying with 40 CFR § 61.346(a). *If the response to Question VIII.W.49 is "No," go to Question VIII.W.51.*	☐ Yes ☐ 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.	☐ Yes ☐ No
51.	The application area has individual drain systems complying with 40 CFR § 61.346(b). *If the response to Question VIII.W.51 is "No," go to Question VIII.W.54.*	☐ Yes ☐ 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.	☐ 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)		
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**	
53.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	☐ Yes ☐ No
54.	The application area contains a cyanide chemicals manufacturing process. *If the response to Question VIII.W.54 is "No," go to Section VIII.X.*	☐ Yes ☒ No
55.	The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	☐ Yes ☐ No
X.	**Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins**	
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 subje ct to 40 CFR Part 63, Subpart JJJ. *If the response to Question VIII.X.1 is "No," go to Section VIII.Y.*	☐ Yes ☒ 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. *If the response to Question VIII.X.2 is "No," go to Section VIII.Y.*	☐ Yes ☐ No
3.	All process wastewater streams generated or managed in the application area are from sources producing polystyrene. *If the response to Question VIII.X.3 is "Yes," go to Section VIII.Y.*	☐ Yes ☐ No
4.	All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. *If the response to Question VIII.X.4 is "Yes," go to Section VIII.Y.*	☐ 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)**	
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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the response to Question VIII.X.8 is "Yes," go to Question VIII.X.18.*	☐ Yes ☐ 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. *If the response to Question VIII.X.9 is "No," go to Question VIII.X.11.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
12.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.X.11 - VIII.X.12 are both "No," go to Question VIII.X.14.*	☐ 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)**	
X.	**Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)**	
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.	☐ Yes ☐ No
	Containers	
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.	☐ Yes ☐ No
	Drains	
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. *If the response to Question VIII.X.15 is "No," go to Question VIII.X.18.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
18.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a thermoplastic product process unit. *If the response to Question VIII.X.18 is "No," go to Section VIII.Y.*	☐ 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)**	
	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). *If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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	☐ 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)**		
	Y.	**Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.**	
	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.	☐ Yes ☒ No
	Z.	**Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.**	
♦	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.	☐ Yes ☒ No
	AA.	**Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)**	
	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).	☐ Yes ☒ No
	2.	The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	☒ Yes ☐ 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. *If the response to Question VIII.AA.1, AA.2 or AA.3 is "No," go to Section VIII.BB.*	☐ Yes ☒ 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. *If the response to Question VIII.AA.4 is "No," go to Section VIII.BB.*	☐ 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)**	
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. *If the response to Question VIII.AA.5 is "No," go to Question VIII.AA.24.*	☐ Yes ☐ No
6.	The application area includes process wastewater streams, located at existing sources, 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 of 40 CFR Part 63, Subpart FFFF, as appropriate.	☐ Yes ☐ No
7.	The application area includes process wastewater streams, located at existing sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	☐ Yes ☐ No
8.	The application area includes process wastewater streams, located at new sources, 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 of 40 CFR Part 63, Subpart FFFF, as appropriate.	☐ Yes ☐ No
9.	The application area includes process wastewater streams, located at new sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	☐ Yes ☐ No
10.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. *If the response to Question VIII.AA.10 is "Yes," go to Question VIII.AA.24.*	☐ Yes ☐ No
11.	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. *If the response to Question VIII.AA.11 is "No," go to Question VIII.AA.13.*	☐ Yes ☐ No
12.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐ Yes ☐ No
13.	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.	☐ 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)		
	AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
14.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.AA.13 and VIII.AA.14 are both "No," go to Question VIII.AA.20.*	☐ Yes ☐ No
15.	Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). *If the response to Question VIII.AA.15 is "No," go to Question VIII.AA.17.*	☐ Yes ☐ No
16.	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.	☐ Yes ☐ No
17.	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. *If the response to Question VIII.AA.17 is "No," go to Question VIII.AA.19.*	☐ Yes ☐ No
18.	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.	☐ Yes ☐ No
19.	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.	☐ Yes ☐ No
20.	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.	☐ Yes ☐ No
21.	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. *If the response to Question VIII.AA.21 is "No," go to Question VIII.AA.24.*	☐ Yes ☐ No
22.	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.	☐ 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)**	
AA.	**Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)**	
23.	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.	☐ Yes ☐ No
24.	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). *If the response to Question VIII.AA.24 is "No," go to Section VIII.BB.*	☐ Yes ☐ No
25.	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). *If the response to Question VIII.AA.25 is "No," go to Section VIII.BB.*	☐ Yes ☐ No
26.	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.	☐ Yes ☐ No
27.	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.	☐ Yes ☐ No
28.	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.	☐ 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)		
BB.	**Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.**	
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.	☐ Yes ☒ No
CC.	**Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation**	
1.	The application area includes a facility at which a site remediation is conducted. *If the answer to Question VIII.CC.1 is "No," go to Section VIII.DD.*	☐ Yes ☒ No
2.	The application area is located at a site that is a major source of HAP. *If the answer to Question VIII.CC.2 is "No," go to Section VIII.DD.*	☐ Yes ☐ No
3.	All site remediations qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). *If the answer to Question VIII.CC.3 is "Yes," go to Section VIII.DD.*	☐ Yes ☐ No
4.	All site remediation activities are complete, and the Administrator has been notified in writing. *If the answer to Question VIII.CC.4 is "Yes," go to Section VIII.DD.*	☐ Yes ☐ No
5.	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. *If the answer to Question VIII.CC.5 is "Yes," go to Section VIII.DD.*	☐ Yes ☐ No
6.	The site remediation will be completed within 30 consecutive calendar days.	☐ Yes ☐ No
7.	No site remediation will exceed 30 consecutive calendar days. *If the answer to Question VIII.CC.7 is "Yes," go to Section VIII.DD.*	☐ Yes ☐ No
8.	Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	☐ Yes ☐ No
9.	All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. *If the answer to Question VIII.CC.9 is "Yes," go to Section VIII.DD.*	☐ 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)**	
CC.	**Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)**	
10.	The application area includes a remediation material management unit used for cleanup of radioactive mixed waste per § 63.7886(c).	☐ Yes ☐ No
11.	The application area includes a remediation material management unit or combination of units with a total annual quantity of HAP less than 1 Mg/yr that is being exempted from § 63.7886(b) per § 63.7886(d).	☐ Yes ☐ No
12.	The application area includes a remediation material management unit that has an average total VOHAP concentration of remediation material less than 500 ppmw and is complying with § 63.7886(b)(2). *If the response to Question VIII.CC.12 is "No," go to Question VIII.CC.14.*	☐ Yes ☐ No
13.	The application area includes a remediation material management unit that concentrates all or part of the material such that the material's VOHAP concentration could increase.	☐ Yes ☐ No
14.	The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. *If the response to Question VIII.CC.14 is "No," go to Question VIII.CC.21.*	☐ Yes ☐ No
15.	The application area includes containers that are also subject to and complying with another subpart under 40 CFR part 61 or part 63 per § 63.7886(b)(3).	☐ Yes ☐ No
16.	The application area includes containers that are complying with alternative work practice standards that have been approved by the EPA per § 63.7900(e).	☐ Yes ☐ No
17.	The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	☐ Yes ☐ No
18.	The application area includes containers with a capacity greater than 0.46 m^3 that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	☐ Yes ☐ No
19.	The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	☐ Yes ☐ No
20.	The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	☐ Yes ☐ No
21.	The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	☐ 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)**	
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. *If the response to Question VIII.DD.1 is "No," go to Section VIII.EE.*	☐ Yes ☒ No
2.	The EAF steelmaking facility is a research and development facility. *If the response to Question VIII.DD.2 is "Yes," go to Section VIII.EE.*	☐ Yes ☐ No
3.	Metallic scrap is utilized in the EAF.	☐ Yes ☐ No
4.	Scrap containing motor vehicle scrap is utilized in the EAF.	☐ Yes ☐ No
5.	Scrap not containing motor vehicle scrap is utilized in the EAF.	☐ Yes ☐ No
EE.	**Subpart BBBBBB - 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. *If the answer to Question EE.1 is "No," go to Section VIII.FF.*	☐ Yes ☒ No
2.	The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	☐ Yes ☐ No
3.	The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	☐ 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)**	
EE.	**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)**	
4.	The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. *If the answer to Question VIII.EE.4 is "No," go to Question VIII.EE.6.*	☐ Yes ☐ 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).	☐ Yes ☐ No
6.	The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC. *If the answer to Question VIII.EE.6 is "No," go to Section VIII.FF.*	☐ Yes ☐ No
7.	The bulk gasoline terminal has throughput of less than 250,000 gallons per day. *If the answer to Question VIII.EE.7 is "Yes," go to Section VIII.FF.*	☐ Yes ☐ No
8.	The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	☐ Yes ☐ No
9.	The bulk gasoline terminal loads gasoline into railcar cargo tanks. *If the answer to Question VIII.EE.9 is "No," go to Section VIII.FF.*	☐ Yes ☐ No
10.	The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	☐ 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)**		
	EE.	**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)**	
	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.	☐ Yes ☐ No
	FF.	**Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities**	
♦	1.	The application area is located at a site that is an area source of hazardous air pollutants. *If the answer to Question VIII.FF.1 is "No," go to Section VIII.GG.*	☐ Yes ☒ No
♦	2.	The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. *If the answer to Question VIII.FF.2 is "No," go to Section VIII.GG.*	☐ Yes ☐ No
♦	3.	The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	☐ Yes ☐ 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.	☐ Yes ☐ No
	GG.	**Recently Promulgated 40 CFR Part 63 Subparts**	
♦	1.	The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. *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.*	☒ Yes ☐ No
♦	2.	Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	
Subpart MM, Subpart JJJJ, Subpart ZZZZ, and Subpart DDDDD			

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IX.	**Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions**		
	A.	**Applicability**	
♦	1.	The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.	☒ Yes ☐ No
	X.	**Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone**	
	A.	**Subpart A - Production and Consumption Controls**	
♦	1.	The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.	☐ Yes ☒ No ☐ N/A
	B.	**Subpart B - Servicing of Motor Vehicle Air Conditioners**	
♦	1.	Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.	☒ Yes ☐ NO
	C.	**Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances**	
♦	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.	☐ Yes ☒ No ☐ N/A
	D.	**Subpart D - Federal Procurement**	
♦	1.	The application area is owned/operated by a department, agency, or instrumentality of the United States.	☐ Yes ☒ No ☐ N/A
	E.	**Subpart E - The Labeling of Products Using Ozone Depleting Substances**	
♦	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.	☐ Yes ☒ No ☐ N/A
♦	2.	The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.	☐ Yes ☒ No ☐ 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.	☐ Yes ☒ No ☐ N/A

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X.	**Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)**		
	F.	**Subpart F - Recycling and Emissions Reduction**	
♦	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.	☒ Yes ☐ No
♦	2.	Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.	☐ Yes ☒ No ☐ N/A
♦	3.	The application area manufactures appliances or refrigerant recycling and recovery equipment.	☐ Yes ☒ No ☐ N/A
	G.	**Subpart G - Significant New Alternatives Policy Program**	
♦	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. *If the response to Question X.G.1 is "No" or "N/A," go to Section X.H.*	☐ Yes ☒ No ☐ 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).	☐ Yes ☐ No ☐ N/A
	H.	**Subpart H -Halon Emissions Reduction**	
♦	1.	Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.	☒ Yes ☐ No ☐ N/A
♦	2.	Disposal of halons or manufacturing of halon blends is conducted in the application area.	☒ Yes ☐ No ☐ N/A
XI.	**Miscellaneous**		
	A.	**Requirements Reference Tables (RRT) and Flowcharts**	
	1.	The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart.	☒ Yes ☐ No

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XI.	**Miscellaneous (continued)**		
	B.	**Forms**	
♦	1.	The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. *If the response to Question XI.B.1 is "No" or "N/A," go to Section XI.C.*	☒ Yes ☐ No ☐ 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.	
40 CFR 63 Subpart JJJJ, 40 CFR 63 Subpart DDDDD			
	C.	**Emission Limitation Certifications**	
♦	1.	The application area includes units for which federally enforceable emission limitations have been established by certification.	☐ Yes ☒ No
	D.	**Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements**	
	1.	The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	☐ Yes ☒ No
	2.	The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	☐ Yes ☒ 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. *If the response to Question XI.D.3 is "Yes," please include a copy of the approval document with the application.*	☒ Yes ☐ 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. *If the response to Question XI.D.4 is "Yes," please include a copy of the approval document with the application.*	☐ Yes ☒ No

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XI.	Miscellaneous (continued)	
E.	**Title IV - Acid Rain Program**	
1.	The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program.	☐ Yes ☒ No
2.	The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.	☐ Yes ☒ No
3.	The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.	☐ Yes ☒ No
F.	**40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO_X Ozone Season Group 2 Trading Program**	
1.	The application area includes emission units subject to the requirements of the CSAPR NO_X Ozone Season Group 2 Trading Program. *If the response to Question XI.F.1 is "No," go to Question XI.F.7.*	☐ Yes ☒ No
2.	The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO_X and heat input.	☐ Yes ☐ 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_X, and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	☐ Yes ☐ 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_X, and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	☐ Yes ☐ 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_X and heat input.	☐ Yes ☐ 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_X and heat input.	☐ Yes ☐ No
7.	The application area includes emission units that qualify for the CSAPR NO_X Ozone Season Group 2 retired unit exemption.	☐ Yes ☒ No

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XI.	Miscellaneous (continued)	
G.	**40 CFR Part 97, Subpart FFFFF - Texas SO_2 Trading Program**	
1.	The application area includes emission units complying with the requirements of the Texas SO_2 Trading Program. *If the response to Question XI.G.1 is "No," go to Question XI.G.6.*	☐ Yes ☒ No
2.	The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO_2 and 40 CFR Part 75, Subpart H for heat input.	☐ Yes ☐ 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_2 and heat input.	☐ Yes ☐ 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_2 and heat input.	☐ Yes ☐ 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_2 and heat input.	☐ Yes ☐ No
6.	The application area includes emission units that qualify for the Texas SO_2 Trading Program retired unit exemption.	☐ Yes ☒ No
H.	**Permit Shield (SOP Applicants Only)**	
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.	☒ Yes ☐ No

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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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
	J.	**Title 30 TAC Chapter 101, Subchapter H**	
♦	1.	The application area is located in a nonattainment area. *If the response to Question XI.J.1 is "No," go to Question XI.J.3.*	☐ Yes ☒ No
♦	2.	The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	☐ Yes ☐ No ☐ N/A
♦	3.	The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	☐ Yes ☒ No ☐ N/A

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XI.	**Miscellaneous (continued)**		
	J.	**Title 30 TAC Chapter 101, Subchapter H (continued)**	
♦	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_X. *If the response to Question XI.J.4 is "Yes," go to Question XI.J.6.*	☐ Yes ☒ No
♦	5.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities previously had a collective uncontrolled design capacity to emit 10 tpy or more of NO_X and is subject to 101.351(c).	☐ Yes ☒ No
	6.	The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	☐ Yes ☒ No
♦	7.	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.	☐ Yes ☒ No
♦	8.	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.	☐ Yes ☒ No
	K.	**Periodic Monitoring**	
♦	1.	The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application. *If the response to Question XI.K.1 is "Yes," go to Section XI.L.*	☐ Yes ☒ No
♦	2.	The permit currently contains at least one periodic monitoring requirement. *If the responses to Questions XI.K.1 and XI.K.2 are both "No," go to Section XI.L.*	☒ Yes ☐ No
♦	3.	All periodic monitoring requirements are being removed from the permit with this application.	☐ Yes ☒ No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 84)
Federal Operating Permit Program
Texas Commission on Environmental Quality

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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. *If the response to Question XI.L.1 is "No," go to Section XI.M.*	☒ Yes ☐ No
♦	2.	The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. *If the response to Question XI.L.2 is "No," go to Section XI.M.*	☒ Yes ☐ No
♦	3.	The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	☒ Yes ☐ 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. *If the responses to Questions XI.L.3 and XI.L.4 are both "No," go to Section XI.M.*	☒ Yes ☐ 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.	☐ Yes ☒ 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).	☒ Yes ☐ 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). *If the response to Question XI.L.8 is "Yes," go to Section XI.M.*	☒ Yes ☐ No

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XI.	**Miscellaneous (continued)**		
	L.	**Compliance Assurance Monitoring (continued)**	
♦	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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
♦	12.	The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.	☐ Yes ☐ No
	M.	**Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times**	
♦	1.	The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004. *If the response to Question XI.M.1 is "No," or "N/A," go to Section XII.*	☐ Yes ☒ No ☐ 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.	☐ Yes ☐ No
XII.	**New Source Review (NSR) Authorizations**		
	A.	**Waste Permits with Air Addendum**	
♦	1.	The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. *If the response to XII.A.1 is "Yes," include the waste permit numbers and issuance date in Section XII.J.*	☐ Yes ☒ No

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XII.	New Source Review (NSR) Authorizations (continued)		
	B.	**Air Quality Standard Permits**	
♦	1.	The application area includes at least one Air Quality Standard Permit NSR authorization. *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.*	☒ Yes ☐ No
♦	2.	The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617.	☒ Yes ☐ No
♦	3.	The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.	☐ Yes ☒ 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.	☐ Yes ☒ 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.	☐ Yes ☒ No
♦	6.	The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.	☐ Yes ☒ 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.	☐ Yes ☒ No
	8.	The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ No
	9.	The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ No
	10.	The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ No

Date	Permit No.	Regulated Entity No.
08/11/2025	*O1378*	*RN100543115*

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XII.	**New Source Review (NSR) Authorizations (continued)**		
	B.	**Air Quality Standard Permits (continued)**	
♦	11.	The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ No
♦	12.	The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. *If the response to XII.B.12 is "No," go to Question XII.B.15.*	☐ Yes ☒ No
♦	13.	For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	☐ Yes ☐ No
♦	14.	For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	☐ Yes ☐ No
♦	15.	The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ No
♦	16.	The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ No
	C.	**Flexible Permits**	
	1.	The application area includes at least one Flexible Permit NSR authorization.	☐ Yes ☒ No
	D.	**Multiple Plant Permits**	
	1.	The application area includes at least one Multi-Plant Permit NSR authorization.	☐ Yes ☒ No

Date	Permit No.	Regulated Entity No.
08/11/2025	*O1378*	*RN100543115*

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XII. NSR Authorizations (Attach additional sheets if necessary for sections XII.E-J.)

E. PSD Permits and PSD Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):
PSDTX778M2	*11/15/2022*	*VOC, PM/PM¬10, SO2, NOX, CO, H2S, TRS, H2SO4*			

If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

F. Nonattainment (NA) Permits and NA Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):

If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

G. NSR Authorizations with FCAA § 112(g) Requirements

NSR Permit No.	Issuance Date	NSR Permit No.	Issuance Date	NSR Permit No	Issuance Date

Date	Permit No.	Regulated Entity No.
08/11/2025	*O1378*	*RN100543115*

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XII. NSR Authorizations (continued) - (Attach additional sheets if necessary for sections XII.E-J.)

♦ **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**

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
2975	*03/01/2018*				
86706	*03/01/2018*				

♦ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area**

A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
PBR No.: 031	05/5/1976	PBR No.: 106.263	11/01/2001	PBR No.: 106.478	09/04/2000
PBR No.: 046	05/08/1972	PBR No.: 106.265	09/04/2000	PBR No.: 106.511	09/04/2000
PBR No.: 061	05/04/1994	PBR No.: 106.371	09/04/2000	PBR No.: 106.512	06/13/2001
PBR No.: 118	04/06/1994	PBR No.: 106.412	09/04/2000		
PBR No.: 106.183	09/04/2000	PBR No.: 106.452	09/04/2000		
PBR No.: 106.227	09/04/2000	PBR No.: 106.454	11/01/2001		
PBR No.: 106.261	03/14/1997	PBR No.: 106.472	09/04/2000		
PBR No.: 106.262	03/14/1997	PBR No.: 106.476	09/04/2000		

♦ **J. Municipal Solid Waste and Industrial Hazardous Waste Permits with an Air Addendum**

Permit No.	Issuance Date	Permit No.	Issuance Date	Permit No.	Issuance Date

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
08/11/2025	***O1378***	***RN100543115***

Unit ID No.	Registration No.	PBR No.	Registration Date
Bleach plant (ClO2 generator) modifications	26287	SE 118	9/29/1994
Salt cake filter hood, salt cake filter ejector, existing mixing cyclone, new mixing cyclone & ash dissolving/crystallizer feed tank, salt cake reclaim tank, MSS for above	86706	106.261, 106.262	12/15/2008
1 and 3 paper machines and dryer exhaust	164224	106.183, 106.261, 106.262	03/05/2021
BP0368	**168914**	**106.262, 106.478**	**06/03/2022**
SM01, SM02, LK01, LK02, RB01A, RB01B, RB02A, RB02B, BG01, BG02, LS01, LS02, NCG01, NCG-F1, WWTS1, CLT01, CLT02, WLT01, WLT02, HLT01, HLT02, SCT01, SCT02, SS01, SS02, SST01, SST02SLST01, SLST02, SLST03, WLSC01, CP01, CP02, REJ BIN, DWSP, SBLST	**179363**	**106.261, 106.262**	**04/10/2025**

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
08/11/2025	***O1378***	***RN100543115***

Unit ID No.	PBR No.	Version No./Date
TNK 0326, TNK 0327, TNK 0328, TNK 0329, TNK 0440	031	05/05/1976
Handheld sandblasting and painting equipment	046	05/08/1972
WWTS1 – addition of 3 aerators	061	05/04/1994
SPG	**106.183**	**09/04/2000**
Brazing, soldering, & welding activities	106.227	09/04/2000
Blue Baler and Gray Baler	106.261	09/09/1998 (SE 106 Exemption List)
Waste Paper Baler at #8 Winder	106.261, 106.262	03/14/1997
SVPTANK	106.262	03/14/1997
Log grinding, metal spray and sandblasting for MSS, pressure washer	106.263	11/01/2001
Hand-held or manually operated equipment	106.265	09/04/2000
CTRW-1, CTRW-2, CTRW-6, CTRW-P1, CTRW-P3	106.371	09/04/2000

MVFD, WPGAS01, WPGAS02	106.412	09/04/2000
Degreasing units	106.454	11/01/2001
DIESELLOAD, FIREDIES01, SST01, TURP01, TURPLD, WPDIES01	106.472	09/04/2000
SVPTANK	**106.472**	**09/04/2000**
TNK 0061, TNK 0062, TNK 0063, TNK 0064, TNK 0065, Supv Club	106.476	09/04/2000
FIREPMP4, FIREPMPNO	106.511	09/04/2000
WPEMERGEN	**106.511**	**09/04/2000**
LKENG1, LKENG2, Back-up Water Pump Diesel Generator	106.512	06/13/2001

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

Date	Permit Number	Regulated Entity Number

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
08/11/2025	***O1378***	***RN100543115***

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
BP16	SE 118	26287	No monitoring requirements are being proposed.
Chloride Removal System	106.261, 106.262	86706	Track rolling 12-month pulp production in ADUBTP.
Nos. 1 and 3 Paper Machines and Dryer Exhaust (Major NSR Summary Table – note g)	106.183, 106.261, 106.262	164224	Track rolling 12-month SUS production.
BP0368	**106.262, 106.478**	**168914**	**No monitoring requirements are being proposed.**
SM01, SM02, LK01, LK02, RB01A, RB01B, RB02A, RB02B, BG01, BG02, LS01, LS02, NCG01, NCG-F1, WWTS1, CLT01, CLT02, WLT01, WLT02, HLT01, HLT02, SCT01, SCT02, SS01, SS02, SST01, SST02SLST01, SLST02, SLST03, WLSC01, CP01, CP02, REJ BIN, DWSP, SBLST	**106.261, 106.262**	**179363**	**No monitoring requirements are being proposed.**

TNK 0326, TNK 0327, TNK 0328, TNK 0329, TNK 0440 (polyethylene silo #1-4, PET silo #1)	031	05/05/1976	No monitoring requirements are being proposed.
Handheld sandblasting and painting equipment	046	05/08/1972	Maintain SDS and records of the quantities of sandblasting media and paint used.
WWTS1 – addition of 3 aerators	061	05/04/1994	No monitoring requirements are being proposed.
SPG	**106.183**	**09/04/2000**	**Records of fuel usage.**
Brazing, soldering, & welding activities	106.227	09/04/2000	Record total pounds of electrodes and wire usage.
Blue Baler and Gray Baler	106.261	03/14/1997	No monitoring requirements are being proposed.
Waste Paper Baler at #8 Winder	106.261, 106.262	03/14/1997	No monitoring requirements are being proposed.
SVPTANK	106.262	03/14/1997	No monitoring requirements are being proposed.
Log grinding, metal spray and sandblasting for MSS, pressure washer	106.263	11/01/2001	1) The type and reason for the activity; 2) the processes and equipment involved; 3) the date, time, and duration of the activity; and 4) the air contaminants and amounts emitted during the activity.
Hand-held or manually operated equipment	106.265	09/04/2000	No monitoring requirements are being proposed.
CTRW-1, CTRW-2, CTRW-6, CTRW-P1, CTRW-P3	106.371	09/04/2000	No monitoring requirements are being proposed.
MVFD, WPGAS01, WPGAS02	106.412	09/04/2000	Maintain annual records of the volume of each product loaded or unloaded.
Dry abrasive blasting	106.452	09/04/2000	Maintain records of annual abrasive material usage and hours of operation.
Degreasing units	106.454	11/01/2001	Annual PTE is based on maximum solvent consumption. No monitoring requirements are being proposed.
DIESELLOAD, FIREDIES01, SST01, TURP01, TURPLD, WPDIES01	106.472	09/04/2000	Maintain annual records of the volume of each product loaded or unloaded.
SVPTANK	**106.472**	**09/04/2000**	**No monitoring requirements are being proposed.**
TNK 0061, TNK 0062, TNK 0063, TNK 0064, TNK 0065, Supv Club	106.476	09/04/2000	No monitoring requirements are being proposed.

FIREPMP4, FIREPMPNO	106.511	09/04/2000	Maintain records 12-month rolling total hours of operation.
WPEMERGEN	**106.511**	**09/04/2000**	Maintain records 12-month rolling total hours of operation.
LKENG1, LKENG2	106.512	06/13/2001	Annual PTE is based on 8,760 hours of operation. No monitoring requirements are being proposed.

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
08/12/2025	***O1378***	***RN100543115***

Unit ID No.	Registration No.	PBR No.	Registration Date
Chloride Removal System	86706	106.261, 106.262	12/15/2008
Nos. 1 and 3 Paper Machines and Dryer Exhaust (Major NSR Summary Table – note g)	164224	106.183, 106.261, 106.262	03/05/2021
SM01, SM02, LK01, LK02, RB01A, RB01B, RB02A, RB02B, BG01, BG02, LS01, LS02, NCG01, NCG-F1, WWTS1, CLT01, CLT02, WLT01, WLT02, HLT01, HLT02, SCT01, SCT02, SS01, SS02, SST01, SST02SLST01, SLST02, SLST03, WLSC01, CP01, CP02, REJ BIN, DWSP, SBLST	**179363**	**106.261, 106.262**	**04/10/2025**

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
08/12/2025	***O1378***	***RN100543115***

Unit ID No.	PBR No.	Version No./Date
TNK 0326, TNK 0327, TNK 0328, TNK 0329, TNK 0440	031	05/05/1976
Handheld sandblasting and painting equipment	046	05/08/1972
SPG	**106.183**	**09/04/2000**
Brazing, soldering, & welding activities	106.227	09/04/2000
Blue Baler and Gray Baler	106.261	12/24/1998
Waste Paper Baler at #8 Winder	106.261, 106.262	03/14/1997
SVPTANK	106.262	03/14/1997
Log grinding, metal spray and sandblasting for MSS, pressure washer	106.263	11/01/2001
Hand-held or manually operated equipment	106.265	09/04/2000
CTRW-1, CTRW-2, CTRW-6, CTRW-P1, CTRW-P3	106.371	09/04/2000

MVFD, WPGAS01, WPGAS02	106.412	09/04/2000
Degreasing units	106.454	11/01/2001
DIESELLOAD, FIREDIES01, SST01, TURP01, TURPLD, WPDIES01	106.472	09/04/2000
SVPTANK	**106.472**	**09/04/2000**
TNK 0061, TNK 0062, TNK 0063, TNK 0064, TNK 0065, Supv Club	106.476	09/04/2000
FIREPMP4, FIREPMPNO	106.511	09/04/2000
WPEMERGEN	**106.511**	**09/04/2000**
LKENG1, LKENG2, Back-up Water Pump Diesel Generator	106.512	06/13/2001

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

Date	Permit Number	Regulated Entity Number

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
08/12/2025	***O1378***	***RN100543115***

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
Chloride Removal System	106.261, 106.262	86706	Track rolling 12-month pulp production in ADUBTP.
Nos. 1 and 3 Paper Machines and Dryer Exhaust (Major NSR Summary Table – note g)	106.183, 106.261, 106.262	164224	Track rolling 12-month SUS production.
SM01, SM02, LK01, LK02, RB01A, RB01B, RB02A, RB02B, BG01, BG02, LS01, LS02, NCG01, NCG-F1, WWTS1, CLT01, CLT02, WLT01, WLT02, HLT01, HLT02, SCT01, SCT02, SS01, SS02, SST01, SST02SLST01, SLST02, SLST03, WLSC01, CP01, CP02, REJ BIN, DWSP, SBLST	**106.261, 106.262**	**179363**	**Track rolling 12-month actual tons of black liquor solids combusted in RB01 and RB02.**
TNK 0326, TNK 0327, TNK 0328, TNK 0329, TNK 0440 (polyethylene silo #1-4, PET silo #1)	031	05/05/1976	Verify that only polyethylene and/or PET beads are stored or conveyed.
Handheld sandblasting and painting equipment	046	05/08/1972	Maintain SDS and records of the quantities of sandblasting media and paint used.
SPG	**106.183**	**09/04/2000**	**Maintain records of annual fuel usage.**
Brazing, soldering, & welding activities	106.227	09/04/2000	Record total pounds of electrodes and wire usage.
Blue Baler and Gray Baler	106.261	03/14/1997	Maintain records of PTE demonstrating compliance with 106.4 emissions limits.

Waste Paper Baler at #8 Winder	106.261, 106.262	03/14/1997	Maintain records of PTE demonstrating compliance with 106.4 emissions limits.
SVPTANK	106.262	03/14/1997	Maintain records of PTE demonstrating compliance with 106.4 emissions limits.
Log grinding, metal spray and sandblasting for MSS, pressure washer	106.263	11/01/2001	1) The type and reason for the activity; 2) the processes and equipment involved; 3) the date, time, and duration of the activity; and 4) the air contaminants and amounts emitted during the activity.
Hand-held or manually operated equipment	106.265	09/04/2000	Maintain records of PTE demonstrating compliance with 106.4 emissions limits.
CTRW-1, CTRW-2, CTRW-6, CTRW-P1, CTRW-P3	106.371	09/04/2000	Maintain records of PTE demonstrating compliance with 106.4 emissions limits.
MVFD, WPGAS01, WPGAS02	106.412	09/04/2000	Maintain annual records of the volume of each product loaded or unloaded.
Degreasing units	106.454	11/01/2001	Maintain records of PTE demonstrating compliance with 106.4 emissions limits.
DIESELLOAD, FIREDIES01, SST01, TURP01, TURPLD, WPDIES01	106.472	09/04/2000	Maintain annual records of the volume of each product loaded or unloaded.
SVPTANK	**106.472**	**09/04/2000**	**Maintain records of PTE demonstrating compliance with 106.4 emissions limits.**
TNK 0061, TNK 0062, TNK 0063, TNK 0064, TNK 0065, Supv Club	106.476	09/04/2000	Maintain records of PTE demonstrating compliance with 106.4 emissions limits.
FIREPMP4, FIREPMPNO	106.511	09/04/2000	Maintain records 12-month rolling total hours of operation.
WPEMERGEN	**106.511**	**09/04/2000**	Maintain records 12-month rolling total hours of operation.
LKENG1, LKENG2	106.512	06/13/2001	Maintain records of PTE demonstrating compliance with 106.4 emissions limits.

Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program
Texas Commission on Environmental Quality

All initial issuance, revision, renewal, and reopening permit application 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.

I. Identifying Information	
RN: ***RN100543115***	
CN: ***CN601710460***	
Account No.: ***CG0010G***	
Permit No.: ***O1378***	
Project No.: ***37920***	
Area Name: ***Texarkana Mill***	
Company Name: ***Graphic Packaging International, LLC***	
II. Certification Type *(Please mark appropriate box)*	
☒ Responsible Official Representative	☐ Duly Authorized Representative
III. Submittal Type *(Please mark appropriate box) (Only one response can be accepted per form)*	
☐ SOP/TOP Initial Permit Application	☐ Permit Revision, Renewal, or Reopening
☐ GOP Initial Permit Application	☒ Update to Permit Application
☐ Other: _____	

Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program
Texas Commission on Environmental Quality

All initial issuance, revision, and renewal permit application submittals requiring certification must be accompanied by this form. Updates to acid rain or CSAPR (other than public notice verification materials) must be certified prior to authorization of public notice for the draft permit.

IV. Certification of Truth

This certification does not extend to information which is designated by TCEQ as information for reference only.

I, ***Steve J. Smith*** certify that I am the ***RO***

(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 _____ to _____

(Start Date) *(End Date)*

Specific Dates: ***08/11/2025*** _____ _____ _____

(Date 1) *(Date 2)* *(Date 3)* *(Date 4)*

_____ _____

(Date 5) *(Date 6)*

Signature: Steve J Smith Signature Date: 8/11/25 Title: _____

Title: ***VP & Resident Manager***

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
08/12/2025	***O1378***	***RN100543115***

Unit ID No.	Registration No.	PBR No.	Registration Date
Chloride Removal System	86706	106.261, 106.262	12/15/2008
Nos. 1 and 3 Paper Machines and Dryer Exhaust (Major NSR Summary Table – note g)	164224	106.183, 106.261, 106.262	03/05/2021
SM01, SM02, LK01, LK02, RB01A, RB01B, RB02A, RB02B, BG01, BG02, LS01, LS02, NCG01, NCG-F1, WWTS1, CLT01, CLT02, WLT01, WLT02, HLT01, HLT02, SCT01, SCT02, SS01, SS02, SST01, SST02SLST01, SLST02, SLST03, WLSC01, CP01, CP02, REJ BIN, DWSP, SBLST	**179363**	**106.261, 106.262**	**04/10/2025**

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
08/12/2025	***O1378***	***RN100543115***

Unit ID No.	PBR No.	Version No./Date
TNK 0326, TNK 0327, TNK 0328, TNK 0329, TNK 0440	031	05/05/1976
Handheld sandblasting and painting equipment	046	05/08/1972
SPG	**106.183**	**09/04/2000**
Brazing, soldering, & welding activities	106.227	09/04/2000
Blue Baler and Gray Baler	106.261	12/24/1998
Waste Paper Baler at #8 Winder	106.261, 106.262	03/14/1997
SVPTANK	106.262	03/14/1997
Log grinding, metal spray and sandblasting for MSS, pressure washer	106.263	11/01/2001
Hand-held or manually operated equipment	106.265	09/04/2000
CTRW-1, CTRW-2, CTRW-6, CTRW-P1, CTRW-P3	106.371	09/04/2000

MVFD, WPGAS01, WPGAS02	106.412	09/04/2000
Degreasing units	106.454	11/01/2001
DIESELLOAD, FIREDIES01, SST01, TURP01, TURPLD, WPDIES01	106.472	09/04/2000
SVPTANK	**106.472**	**09/04/2000**
TNK 0061, TNK 0062, TNK 0063, TNK 0064, TNK 0065, Supv Club	106.476	09/04/2000
FIREPMP4, FIREPMPNO	106.511	09/04/2000
WPEMERGEN	**106.511**	**09/04/2000**
LKENG1, LKENG2, Back-up Water Pump Diesel Generator	106.512	06/13/2001

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

Date	Permit Number	Regulated Entity Number

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
08/12/2025	***O1378***	***RN100543115***

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
Chloride Removal System	106.261, 106.262	86706	Track rolling 12-month pulp production in ADUBTP.
Nos. 1 and 3 Paper Machines and Dryer Exhaust (Major NSR Summary Table – note g)	106.183, 106.261, 106.262	164224	Track rolling 12-month SUS production.
SM01, SM02, LK01, LK02, RB01A, RB01B, RB02A, RB02B, BG01, BG02, LS01, LS02, NCG01, NCG-F1, WWTS1, CLT01, CLT02, WLT01, WLT02, HLT01, HLT02, SCT01, SCT02, SS01, SS02, SST01, SST02SLST01, SLST02, SLST03, WLSC01, CP01, CP02, REJ BIN, DWSP, SBLST	**106.261, 106.262**	**179363**	**Track rolling 12-month actual tons of black liquor solids combusted in RB01 and RB02.**
TNK 0326, TNK 0327, TNK 0328, TNK 0329, TNK 0440 (polyethylene silo #1-4, PET silo #1)	031	05/05/1976	Verify that only polyethylene and/or PET beads are stored or conveyed.
Handheld sandblasting and painting equipment	046	05/08/1972	Maintain SDS and records of the quantities of sandblasting media and paint used.
SPG	**106.183**	**09/04/2000**	**Maintain records of annual fuel usage.**
Brazing, soldering, & welding activities	106.227	09/04/2000	Record total pounds of electrodes and wire usage.
Blue Baler and Gray Baler	106.261	03/14/1997	Maintain records of PTE demonstrating compliance with 106.4 emissions limits.

Waste Paper Baler at #8 Winder	106.261, 106.262	03/14/1997	Maintain records of PTE demonstrating compliance with 106.4 emissions limits.
SVPTANK	106.262	03/14/1997	Maintain records of PTE demonstrating compliance with 106.4 emissions limits.
Log grinding, metal spray and sandblasting for MSS, pressure washer	106.263	11/01/2001	1) The type and reason for the activity; 2) the processes and equipment involved; 3) the date, time, and duration of the activity; and 4) the air contaminants and amounts emitted during the activity.
Hand-held or manually operated equipment	106.265	09/04/2000	Maintain records of PTE demonstrating compliance with 106.4 emissions limits.
CTRW-1, CTRW-2, CTRW-6, CTRW-P1, CTRW-P3	106.371	09/04/2000	Maintain records of PTE demonstrating compliance with 106.4 emissions limits.
MVFD, WPGAS01, WPGAS02	106.412	09/04/2000	Maintain annual records of the volume of each product loaded or unloaded.
Degreasing units	106.454	11/01/2001	Maintain records of PTE demonstrating compliance with 106.4 emissions limits.
DIESELLOAD, FIREDIES01, SST01, TURP01, TURPLD, WPDIES01	106.472	09/04/2000	Maintain annual records of the volume of each product loaded or unloaded.
SVPTANK	**106.472**	**09/04/2000**	**Maintain records of PTE demonstrating compliance with 106.4 emissions limits.**
TNK 0061, TNK 0062, TNK 0063, TNK 0064, TNK 0065, Supv Club	106.476	09/04/2000	Maintain records of PTE demonstrating compliance with 106.4 emissions limits.
FIREPMP4, FIREPMPNO	106.511	09/04/2000	Maintain records 12-month rolling total hours of operation.
WPEMERGEN	**106.511**	**09/04/2000**	Maintain records 12-month rolling total hours of operation.
LKENG1, LKENG2	106.512	06/13/2001	Maintain records of PTE demonstrating compliance with 106.4 emissions limits.

From:	Camilla Widenhofer
To:	Davis, Jonathan
Cc:	Morphis, Alan; Amedee, Neil
Subject:	RE: ARLANXEO USA LLC - Title V - Initial Issuance Application Status - 38627
Date:	Thursday, August 14, 2025 12:32:00 PM
Attachments:	image003.png image004.png image006.png

Jonathan,

After further review, additional information is needed. Please submit the following items along with the previously requested information:

- Submit form OP-UA2, Table 1 for all engines for 30 TAC Chapter 117 applicability.
- For EP-HNBR, GN0839-002, and PA-506 submit OP-UA2, Table 5b to include the code for **Model Year**, and Table 5c to include a code for **AECD**.
- For fire-pump engine PA-506:
  - The submitted OP-UA2 data is missing an answer for the "Model Year" question. Based on whatever year this engine was manufactured, there are several additional issues.
    - For the "Compliance Option" question, the submitted UA2 data has '*MDATA'* as the code. Based on the HP of this fire-pump engine, *'MDATA'* can only be used if the engine is manufactured in 2008 or prior.
    - However, if the engine was manufactured in 2009 or later, then *'MDATA'* is not an available code for the "Compliance Option" question. The code would then have to be either *'MANU YES'* or *'MANU NO'*.
    - Also, if the engine was manufactured in either 2009, 2010, or 2011, then the "Options" question must be answered also (based on this engine's HP).

-Camilla

Camilla Widenhofer
TCEQ Air Permits Division
P.O. Box 13087, MC 163
Austin, TX 78753
Phone: (512)239-1028
Fax: (512)239-1300
camilla.widenhofer@tceq.texas.gov

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---

From: Camilla Widenhofer
Sent: Wednesday, August 13, 2025 9:02 PM
To: Davis, Jonathan <Jonathan.Davis@arlanxeo.com>
Cc: Morphis, Alan <alan.morphis@arlanxeo.com>; Amedee, Neil <neil.amedee@arlanxeo.com>
Subject: RE: ARLANXEO USA LLC - Title V - Initial Issuance Application Status - 38627

Hello Jonathan,

I have conducted a technical review of the application and additional information is needed. Please resubmit the following at your earliest convenience or no later than **August 28, 2025**:

- Submit form OP-UA2, Table 4b for GN0839-005 with a valid code for Manufacture Date since N25-1211- is not a valid code for engines less than 225cc.

For SI ICE that is less than or equal to 25 HP (emergency or non-emergency):

Code	Description
N25-0708-	Date of manufacture is prior to July 1, 2008 (use for any cc)
N25-1211-	Date of manufacture is on or after July 1, 2008 to December 31, 2011 (use only for SI ICE that is less than 225cc)
N25-0112+	Date of manufacture is on or after January 1, 2012 (use only for SI ICE that is less than 225cc)
N25-1210-	Date of manufacture is on or after July 1, 2008 to December 31, 2010 (use only for SI ICE that is greater than or equal to 225cc)
N25-0111+	Date of manufacture is on or after January 1, 2011 (use only for SI ICE that is greater than or equal to 225cc)

OP-UA2 Table 4b **2022/11** **40 CFR 60JJJJ: NSPS** **Stationary Spark Ignition Internal Combustion Engines Attributes**

Date: 7/23/2025 **Permit No:** TBD **Regulated Entity No:** 100825363
Area Name: Utilities and Maintenance Area **Customer Reference No.:** 605127042

FD#	Unit ID No.	SOP/GOP Index No	Manufacture Date	Displacement	Certified	Operation	Certified Modification	Service	Severe Duty	Optional Compliance
779	ADMIN-1	60JJJJ-1	N0109+E		Yes	Yes		EMERG		
780	ADMIN-2	60JJJJ-2	N0109+E		Yes	Yes		EMERG		
781	GN0839-005	60JJJJ-4	N25-1211-	225+	Yes	Yes		EMERG		
782	MAINT-1	60JJJJ-3	N0109+E		Yes	Yes		EMERG		

- Submit form OP-UA3, Table 4a to add the Storage Capacity for all units on that page

-Camilla

Camilla Widenhofer
TCEQ Air Permits Division
P.O. Box 13087, MC 163
Austin, TX 78753
Phone: (512)239-1028
Fax: (512)239-1300
camilla.widenhofer@tceq.texas.gov

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From: Davis, Jonathan <Jonathan.Davis@arlanxeo.com>
Sent: Monday, August 11, 2025 8:15 AM
To: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Cc: Morphis, Alan <alan.morphis@arlanxeo.com>; Amedee, Neil <neil.amedee@arlanxeo.com>
Subject: RE: ARLANXEO USA LLC - Title V - Initial Issuance Application Status - 38627

Good morning Camilla,

Thank you very much for reaching out and for the detailed information.

We will address all correspondence to you and review the S.O.P.s as requested.

Looking forward to hearing back from you once you've had a chance to review the application.

Thank you,

Jonathan

Jonathan Davis, M.Sc.

Sr. Environmental Engineer

ARLANXEO
Performance Elastomers

4647 FM 1006
Orange, Texas 77630
O: 409-882-2759
M: 409-812-6871

Classified as General

From: Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>
Sent: Monday, August 11, 2025 7:28 AM
To: Davis, Jonathan <Jonathan.Davis@arlanxeo.com>
Cc: Morphis, Alan <alan.morphis@arlanxeo.com>; Amedee, Neil <neil.amedee@arlanxeo.com>
Subject: RE: ARLANXEO USA LLC - Title V - Initial Issuance Application Status - 38627

This message is from an external sender
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Hello Jonathan,

I have been assigned to the Federal Operating Permit (FOP) expedited initial issuance application of Permit No. O4798 for ARLANXEO USA LLC/Orange Site. This application has been assigned Project No. 38627. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

I will contact you once I have reviewed the entire application and will send you either a draft permit for review or request for additional information if needed.

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

Please notify me when any updates have been submitted.

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

Please review the "SOP Technical Review Fact Sheet" located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf. This guidance contains important information regarding the review process and application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other

details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

-Camilla

Camilla Widenhofer
TCEQ Air Permits Division
P.O. Box 13087, MC 163
Austin, TX 78753
Phone: (512)239-1028
Fax: (512)239-1300
camilla.widenhofer@tceq.texas.gov

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From: Davis, Jonathan <Jonathan.Davis@arlanxeo.com>
Sent: Monday, August 11, 2025 6:06 AM
To: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>; AIRPERM <AIRPERM@tceq.texas.gov>
Cc: Morphis, Alan <alan.morphis@arlanxeo.com>; Amedee, Neil <neil.amedee@arlanxeo.com>; Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>; Robert Hunter <Robert.Hunter@tceq.texas.gov>
Subject: RE: ARLANXEO USA LLC - Title V - Initial Issuance Application Status - 38627

Good morning Mr. Stone,

Thank you very much for the update and the information.

We will communicate with them on the permit progression.

Thanks,

Jonathan

Jonathan Davis, M.Sc.
Sr. Environmental Engineer

ARLANXEO
Performance Elastomers

4647 FM 1006
Orange, Texas 77630
O: 409-882-2759
M: 409-812-6871

Classified as General

From: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Sent: Tuesday, August 5, 2025 1:59 PM
To: Davis, Jonathan <Jonathan.Davis@arlanxeo.com>; AIRPERM <AIRPERM@tceq.texas.gov>

Cc: Morphis, Alan <alan.morphis@arlanxeo.com>; Amedee, Neil <neil.amedee@arlanxeo.com>; Camilla Widenhofer <camilla.widenhofer@tceq.texas.gov>; Robert Hunter <Robert.Hunter@tceq.texas.gov>
Subject: RE: ARLANXEO USA LLC - Title V - Initial Issuance Application Status - 38627

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Good morning,

Thank you for your question. Project 38627 has been received and should be assigned sometime this week. The permit reviewer assigned to this application will be Camilla Widenhofer. I have CC'd her and her team leader, Robert Hunter, in case you have additional questions.

Thank you,
Rhyan

Rhyan S. Stone
Section Manager
Operating Permits Section
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239 -1293

How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

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From: Davis, Jonathan <Jonathan.Davis@arlanxeo.com>
Sent: Tuesday, August 5, 2025 8:47 AM
To: AIRPERM <AIRPERM@tceq.texas.gov>
Cc: Morphis, Alan <alan.morphis@arlanxeo.com>; Amedee, Neil <neil.amedee@arlanxeo.com>
Subject: ARLANXEO USA LLC - Title V - Initial Issuance Application Status - 38627

Good morning,

My name is Jonathan Davis. I'm the Senior Environmental Engineer for ARLANXEO in Orange, Texas.

We submitted a new Title V Permit Application on 7/24/25 with expedition.

I am able to see on the TCEQ website that it has been declared administratively complete and has been transferred to the technical staff.

I am reaching out to possibly get a real-time update on when we might hear from our permit writer and any other possible timeline for its completion and issuance.

Customer Name: ARLANXEO USA LLC
CN Number: CN605127042
Project Number: 38627
Permit Number: 4798

Thank you very much in advance,

Jonathan

Jonathan Davis, M.Sc.
Sr. Environmental Engineer

ARLANXEO
Performance Elastomers

4647 FM 1006
Orange, Texas 77630
O: 409-882-2759
M: 409-812-6871

Classified as General

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
08/12/2025	***O1378***	***RN100543115***

Unit ID No.	Registration No.	PBR No.	Registration Date
Chloride Removal System	86706	106.261, 106.262	12/15/2008
Nos. 1 and 3 Paper Machines and Dryer Exhaust (Major NSR Summary Table – note g)	164224	106.183, 106.261, 106.262	03/05/2021
SM01, SM02, LK01, LK02, RB01A, RB01B, RB02A, RB02B, BG01, BG02, LS01, LS02, NCG01, NCG-F1, WWTS1, CLT01, CLT02, WLT01, WLT02, HLT01, HLT02, SCT01, SCT02, SS01, SS02, SST01, SST02SLST01, SLST02, SLST03, WLSC01, CP01, CP02, REJ BIN, DWSP, SBLST	**179363**	**106.261, 106.262**	**04/10/2025**

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
08/12/2025	***O1378***	***RN100543115***

Unit ID No.	PBR No.	Version No./Date
TNK 0326, TNK 0327, TNK 0328, TNK 0329, TNK 0440	031	05/05/1976
Handheld sandblasting and painting equipment	046	05/08/1972
SPG	**106.183**	**09/04/2000**
Brazing, soldering, & welding activities	106.227	09/04/2000
Blue Baler and Gray Baler	106.261	09/09/1998 (SE 106 Exemption List)
Waste Paper Baler at #8 Winder	106.261, 106.262	03/14/1997
SVPTANK	106.262	03/14/1997
Log grinding, metal spray and sandblasting for MSS, pressure washer	106.263	11/01/2001
Hand-held or manually operated equipment	106.265	09/04/2000
CTRW-1, CTRW-2, CTRW-6, CTRW-P1, CTRW-P3	106.371	09/04/2000

MVFD, WPGAS01, WPGAS02	106.412	09/04/2000
Degreasing units	106.454	11/01/2001
DIESELLOAD, FIREDIES01, SST01, TURP01, TURPLD, WPDIES01	106.472	09/04/2000
SVPTANK	**106.472**	**09/04/2000**
TNK 0061, TNK 0062, TNK 0063, TNK 0064, TNK 0065, Supv Club	106.476	09/04/2000
FIREPMP4, FIREPMPNO	106.511	09/04/2000
WPEMERGEN	**106.511**	**09/04/2000**
LKENG1, LKENG2, Back-up Water Pump Diesel Generator	106.512	06/13/2001

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

Date	Permit Number	Regulated Entity Number

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
08/12/2025	***O1378***	***RN100543115***

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
Chloride Removal System	106.261, 106.262	86706	Track rolling 12-month pulp production in ADUBTP.
Nos. 1 and 3 Paper Machines and Dryer Exhaust (Major NSR Summary Table – note g)	106.183, 106.261, 106.262	164224	Track rolling 12-month SUS production.
SM01, SM02, LK01, LK02, RB01A, RB01B, RB02A, RB02B, BG01, BG02, LS01, LS02, NCG01, NCG-F1, WWTS1, CLT01, CLT02, WLT01, WLT02, HLT01, HLT02, SCT01, SCT02, SS01, SS02, SST01, SST02SLST01, SLST02, SLST03, WLSC01, CP01, CP02, REJ BIN, DWSP, SBLST	**106.261, 106.262**	**179363**	**Track rolling 12-month actual tons of black liquor solids combusted in RB01 and RB02.**
TNK 0326, TNK 0327, TNK 0328, TNK 0329, TNK 0440 (polyethylene silo #1-4, PET silo #1)	031	05/05/1976	Verify that only polyethylene and/or PET beads are stored or conveyed.
Handheld sandblasting and painting equipment	046	05/08/1972	Maintain SDS and records of the quantities of sandblasting media and paint used.
SPG	**106.183**	**09/04/2000**	**Maintain records of annual fuel usage.**
Brazing, soldering, & welding activities	106.227	09/04/2000	Record total pounds of electrodes and wire usage.
Blue Baler and Gray Baler	106.261	03/14/1997	Maintain records of PTE demonstrating compliance with 106.4 emissions limits.

Waste Paper Baler at #8 Winder	106.261, 106.262	03/14/1997	Maintain records of PTE demonstrating compliance with 106.4 emissions limits.
SVPTANK	106.262	03/14/1997	Maintain records of PTE demonstrating compliance with 106.4 emissions limits.
Log grinding, metal spray and sandblasting for MSS, pressure washer	106.263	11/01/2001	1) The type and reason for the activity; 2) the processes and equipment involved; 3) the date, time, and duration of the activity; and 4) the air contaminants and amounts emitted during the activity.
Hand-held or manually operated equipment	106.265	09/04/2000	Maintain records of PTE demonstrating compliance with 106.4 emissions limits.
CTRW-1, CTRW-2, CTRW-6, CTRW-P1, CTRW-P3	106.371	09/04/2000	Maintain records of PTE demonstrating compliance with 106.4 emissions limits.
MVFD, WPGAS01, WPGAS02	106.412	09/04/2000	Maintain annual records of the volume of each product loaded or unloaded.
Degreasing units	106.454	11/01/2001	Maintain records of PTE demonstrating compliance with 106.4 emissions limits.
DIESELLOAD, FIREDIES01, SST01, TURP01, TURPLD, WPDIES01	106.472	09/04/2000	Maintain annual records of the volume of each product loaded or unloaded.
SVPTANK	**106.472**	**09/04/2000**	**Maintain records of PTE demonstrating compliance with 106.4 emissions limits.**
TNK 0061, TNK 0062, TNK 0063, TNK 0064, TNK 0065, Supv Club	106.476	09/04/2000	Maintain records of PTE demonstrating compliance with 106.4 emissions limits.
FIREPMP4, FIREPMPNO	106.511	09/04/2000	Maintain records 12-month rolling total hours of operation.
WPEMERGEN	**106.511**	**09/04/2000**	Maintain records 12-month rolling total hours of operation.
LKENG1, LKENG2	106.512	06/13/2001	Maintain records of PTE demonstrating compliance with 106.4 emissions limits.

Graphic Packaging INTERNATIONAL Texarkana Mill
9978 FM ROAD 3129 • QUEEN CITY, TEXAS 75572

July 15, 2025

Camila Widenhofer

Texas Commission on Environmental Quality

Air Permits Division

P.O. Box 13087, MC 163

Austin, TX 78753

Re: Response to Draft Title V Operating Permit No. O1378

Graphic Packaging International, LLC

Dear Ms. Widenhofer:

Graphic Packaging International, LLC (GPI) owns and operates the Texarkana Mill in Queen City, Cass County, Texas, (Facility). The Facility is submitting a completed NSR Summary Table and the enclosed response to the draft Title V Operating Permit No. O1378, including several updated forms as described below.

Requested Changes to Draft Title V Operating Permit No. O1378

GPI is requesting the following updates to the draft permit:

- ✓ Special Condition (S.C.) 7 in the draft permit references requirements for 40 CFR Part 61, Subpart M. The Facility does not conduct the activities listed in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155. TCEQ Form OP-REQ1 has been updated to reflect this information and is included as an attachment to this response.
- ✓ S.C. 11.A. and 11.G. of the draft permit indicate that a CAM Schedule is needed to verify operational changes in the control devices associated with units NCG01, LK01, SM01, and SM02. However, no CAM Schedule is needed for these changes, and GPI is proposing to remove this language. Additionally, control device inspection requirements from the current issuance of the permit were removed in the draft permit (located in S.C. 10.E in the previous issuance), and GPI is requesting to keep these requirements in the permit. The responses to Form OP-REQ1 have been updated to align with current operations.
- S.C. 13 indicates that a Form OP-PBRSUP is needed. A completed form is included with this submittal.

- In the Unit Summary, the Requirement Driver for Unit PB02 indicates that PB02 has a continuous opacity monitoring system (COMS). Unit PB02 utilizes a wet scrubber as a control device and was authorized to monitor scrubber parameters as an alternative to COMS in a letter from Carl E. Edlund of the United States Environmental Protection Agency (U.S. EPA) dated July 18, 1977. GPI is requesting to remove the language requiring a COMS with this submittal.
- In the CAM Summary, 40 CFR Part 60, Subpart BB (NSPS BB) is listed as an applicable requirement for GRP-CONC. However, there is no emission standard in NSPS BB that applies to GRP-CONC if the gases are combusted with other waste gases in an incinerator that is subject to a minimum temperature of 1200 °F for at least 0.5 second. GRP-CONC is controlled by an incinerator (Unit NCG01) that is required to maintain a minimum temperature greater than 1200 °F in order to demonstrate compliance with 40 CFR Part 63, Subpart S, and GPI is requesting to remove this CAM requirement.
- GPI is requesting to update the CAM deviation limits for Units SM01, SM02, and LK01 to align with the operating parameters that were achieved during recent performance testing. An updated OP-2 and OP-MON are attached to this submittal to address these changes, and OP-UA15 Table 15 is also being included with this submittal for completeness.
- In the CAM Summary for Unit PB02, the control device and control device type are listed as "N/A". GPI is requesting to retain reference to Control Device ID No. WS-2 and Control Device Type "Wet Scrubber", which are listed in the current issuance of the permit.
- In the CAM Summary for Unit BP16, the Deviation Limit text is partially missing. The entire text should read "Treating Only A-Line Gases: [I] Minimum liquid flow rate = 996 gpm (sum of both bodies); [II] Minimum pH of liquid flow = 8.0; [III] Minimum Current = 22 amps (at no load)Treating A-Line and B-line Gases: [I] Minimum Liquid Flow Rate = 996 gpm (sum of both bodies; [II] Minimum pH of Liquid Flow = 9.49 (for either body); [III] Minimum current = 22 amps (at no load)." GPI is requesting to retain the full text.
- In the Permit Shield, information on negative applicability is missing for Units PB01, PB02, and RB01 (40 CFR 60, Subpart Db and Dc), Unit RB02 (40 CFR Part 60, Subpart D and Dc), and SST02 (40 CFR Part 60, Subpart Ka and Kb). GPI is requesting to retain this information in the Permit Shield.
- Unit WPEMENG is an emergency engine that was replaced in 2024 by Unit WPEMERGEN. WPEMERGEN was included as an addition in Form OP-2 in the renewal application but was unintentionally omitted from Form OP-UA2. GPI is submitted an updated OP-2 showing the deletion of WPEMENG and an updated Form OP-UA2 that includes the pertinent information for WPEMERGEN.

Should you have any questions about this submittal, please feel free to contact J.T. Fussell by phone at (903) 799-1197 or by email at john.t.fussell@graphicpkg.com, or contact Troy Gayer by phone at (936) 274-3169 or by email at tgayer@all4inc.com.

Sincerely,

Steve J. Smith
VP & Resident Manager

cc: J.T. Fussell (GPI)

Troy Gayer (ALL4)

Attachments: TCEQ Forms

ATTACHMENT 1 -
TCEQ FORMS

Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program
Texas Commission on Environmental Quality

All initial issuance, revision, renewal, and reopening permit application 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.

I. Identifying Information	
RN: ***RN100543115***	
CN: ***CN601710460***	
Account No.: ***CG0010G***	
Permit No.: ***O1378***	
Project No.: ***37920***	
Area Name: ***Texarkana Mill***	
Company Name: ***Graphic Packaging International, LLC***	
II. Certification Type *(Please mark appropriate box)*	
☒ Responsible Official Representative	☐ Duly Authorized Representative
III. Submittal Type *(Please mark appropriate box) (Only one response can be accepted per form)*	
☐ SOP/TOP Initial Permit Application	☒ Permit Revision, Renewal, or Reopening
☐ GOP Initial Permit Application	☐ Update to Permit Application
☐ Other: _____	

Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program
Texas Commission on Environmental Quality

All initial issuance, revision, and renewal permit application submittals requiring certification must be accompanied by this form. Updates to acid rain or CSAPR (other than public notice verification materials) must be certified prior to authorization of public notice for the draft permit.

IV. Certification of Truth

This certification does not extend to information which is designated by TCEQ as information for reference only.

I. ***Steve J. Smith*** certify that I am the ***RO***

(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 _____ to _____

(Start Date) *(End Date)*

Specific Dates: ***07/15/2025*** _____ _____ _____

(Date 1) *(Date 2)* *(Date 3)* *(Date 4)*

_____ _____

(Date 5) *(Date 6)*

Signature: Steve J Smith Signature Date: 7/15/25 Title: _____

Title: ***VP & Resident Mill Manager***

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions

✓

I. Identifying Information		
Account No.: ***CG0010G***	RN No.: ***RN100543115***	CN: ***CN601710460***
Permit No: ***O1378***	Project No.: ***37920***	
Area Name: ***Texarkana Mill***		
Company Name: ***Graphic Packaging International, LLC***		
II. Unit/Emission Point/Group/Process Information		
Revision No.: ***10***		
Unit/EPN/Group/Process ID No.: ***SM01***		
Applicable Form: ***OP-UA15***		
III. Applicable Regulatory Requirement		
Name: ***30 TAC Chapter 111, Nonagricultural Processes***		
SOP/GOP Index No.: ***R1151-01***		
Pollutant: ***PM***		
Main Standard: ***§ 111.151(a)***		
Monitoring Type: ***CAM***		
Unit Size: ***LG***		
Deviation Limit: ***[I] Minimum Current = 77 amps; [II] Minimum Liquid Flow Rate = 88 gpm to scrubber and 48 gpm to fan***		
IV. Control Device Information		
Control Device ID No.: ***SM01***		
Device Type: ***WETSCR***		
V. CAM Case-by-case		
Indicator: ***[I] Fan Motor Current; [II] Liquid Flow Rate***		
Minimum Frequency: ***[I] once per 15 minutes; [II] once per 15 minutes***		
Averaging Period: ***[I] 3 hours; [II] 3 hours***		
QA/QC Procedures: ***Fan Motor Current: The monitoring device, ammeter, will be checked annually.*** ***Liquid Flow Rate: The monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent.***		
Verification Procedures: ***See QA/QC Procedures and Representative Data.***		
Representative Date: ***Liquid Flow Rate: The data shall be accurate to within the following:*** ***± 2@ of span; or***		

± 5% of design liquid flow rate.	
VI. Periodic Monitoring Case-by-case	
Indicator:	Minimum Frequency:
Averaging Period:	
Periodic Monitoring Text:	

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions

I. Identifying Information		
Account No.: ***CG0010G***	RN No.: ***RN100543115***	CN: ***CN601710460***
Permit No: ***O1378***	Project No.: ***37920***	
Area Name: ***Texarkana Mill***		
Company Name: ***Graphic Packaging International, LLC***		
II. Unit/Emission Point/Group/Process Information		
Revision No.: ***10***		
Unit/EPN/Group/Process ID No.: ***SM01***		
Applicable Form: ***OP-UA15***		
III. Applicable Regulatory Requirement		
Name: ***30 TAC Chapter 111, Nonagricultural Processes***		
SOP/GOP Index No.: ***R1111-01***		
Pollutant: ***Opacity***		
Main Standard: ***§ 111.111(a)(1)(B)***		
Monitoring Type: ***PM*** PM-P-007 & PM-P-008		
Unit Size:		
Deviation Limit: ***[I] Minimum Current = 77 amps; [II] Minimum Liquid Flow Rate = 88 gpm to scrubber and 48 gpm to fan***		
IV. Control Device Information		
Control Device ID No.: ***SM01***		
Device Type: ***WETSCR***		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: ***[I] Fan Motor Current; [II] Minimum Liquid Flow Rate***	Minimum Frequency: ***[I] once per 15 minutes; [II] once per 15 minutes***	
Averaging Period: ***[I] 3 hours; [II] 3 hours***		

Texas Commission on Environmental Quality
Monitoring Requirements
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Table 1c: CAM/PM Case-By-Case Additions

Periodic Monitoring Text: ***[I] Measure and record the fan motor current. Establish a minimum current using the most recent performance test data, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a violation.***

[II] Measure and record the liquid flow rate. Establish a minimum liquid flow rate using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation.

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Monitoring Requirements
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Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions

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I. Identifying Information		
Account No.: ***CG0010G***	RN No.: ***RN100543115***	CN: ***CN601710460***
Permit No: ***O1378***	Project No.: ***37920***	
Area Name: ***Texarkana Mill***		
Company Name: ***Graphic Packaging International, LLC***		
II. Unit/Emission Point/Group/Process Information		
Revision No.:***11***		
Unit/EPN/Group/Process ID No.:***SM02***		
Applicable Form: ***OP-UA15***		
III. Applicable Regulatory Requirement		
Name: ***30 TAC Chapter 111, Nonagricultural Processes***		
SOP/GOP Index No.: ***R1151-01***		
Pollutant: ***PM***		
Main Standard:***§ 111.151(a)***		
Monitoring Type: ***CAM***		
Unit Size: ***LG***		
Deviation Limit: ***[I] Minimum Current = 36 amps; [II] Minimum Liquid Flow Rate = 95 gpm to scrubber and 75 gpm to fan***		
IV. Control Device Information		
Control Device ID No.: ***401015***		
Device Type: ***WETSCR***		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:***.***		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: ***[I] Fan Motor Current; [II] Minimum Liquid Flow Rate***	Minimum Frequency: ***[I] once per 15 minutes; [II] once per 15 minutes***	
Averaging Period: ***[I] 3 hours; [II] 3 hours***		

Texas Commission on Environmental Quality
Monitoring Requirements
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Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions

Periodic Monitoring Text: ***[I] Measure and record the fan motor current. Establish a minimum current using the most recent performance test data, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a violation.***

[II] Measure and record the liquid flow rate. Establish a minimum liquid flow rate using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation.

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions

I. Identifying Information		
Account No.: ***CG0010G***	RN No.: ***RN100543115***	CN: ***CN601710460***
Permit No: ***O1378***	Project No.: ***37920***	
Area Name: ***Texarkana Mill***		
Company Name: ***Graphic Packaging International, LLC***		
II. Unit/Emission Point/Group/Process Information		
Revision No.:***11***		
Unit/EPN/Group/Process ID No.:***SM02***		
Applicable Form: ***OP-UA30***		
III. Applicable Regulatory Requirement		
Name: ***40 CFR Part 60, Subpart BB***		
SOP/GOP Index No.: ***60BB-01***		
Pollutant: ***PM***		
Main Standard:***§ 60.282(a)(2)***		
Monitoring Type: ***CAM***		
Unit Size: ***LG***		
Deviation Limit: ***[I] Minimum Current = 36 amps; [II] Minimum Liquid Flow Rate = 95 gpm to scrubber and 75 gpm to fan***		
IV. Control Device Information		
Control Device ID No.: ***401015***		
Device Type: ***WETSCR***		
V. CAM Case-by-case		
Indicator: ***[I] Fan Motor Current; [II] MIminum Liquid Flow Rate***		
Minimum Frequency: ***[I] once per 15 minutes; [II] once per 15 minutes***		
Averaging Period: ***[I] 3 hours; [II] 3 hours***		
QA/QC Procedures: ***Fan Motor Current: The monitoring device, ammeter, will be checked annually.*** ***Liquid Flow Rate: The monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent.***		
Verification Procedures: ***See QA/QC Procedures and Representative Data.***		
Representative Date: ***Liquid Flow Rate: The data shall be accurate to within the following:*** ***± 2@ of span; or*** ***± 5% of design liquid flow rate.***		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions

VI. Periodic Monitoring Case-by-case	
Indicator:	Minimum Frequency:
Averaging Period:	
Periodic Monitoring Text:	

Texas Commission on Environmental Quality
Monitoring Requirements
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Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions ✓

I. Identifying Information		
Account No.: ***CG0010G***	RN No.: ***RN100543115***	CN: ***CN601710460***
Permit No: ***O1378***	Project No.: ***37920***	
Area Name: ***Texarkana Mill***		
Company Name: ***Graphic Packaging International, LLC***		
II. Unit/Emission Point/Group/Process Information		
Revision No.:***11***		
Unit/EPN/Group/Process ID No.:***SM02***		
Applicable Form: ***OP-UA15***		
III. Applicable Regulatory Requirement		
Name: ***30 TAC Chapter 111, Nonagricultural Processes***		
SOP/GOP Index No.: ***R1111-01***		
Pollutant: ***Opacity***		
Main Standard:***§ 111.111(a)(1)(B)***		
Monitoring Type: ***PM*** PM-P-007 & PM-P-008		
Unit Size:		
Deviation Limit: ***[I] Minimum Current = 36 amps; [II] Minimum Liquid Flow Rate = 95 gpm to scrubber and 75 gpm to fan***		
IV. Control Device Information		
Control Device ID No.: ***401015***		
Device Type: ***WETSCR***		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: ***[I] Fan Motor Current; [II] Minimum Liquid Flow Rate***	Minimum Frequency: ***[I] once per 15 minutes; [II] once per 15 minutes***	
Averaging Period: ***[I] 3 hours; [II] 3 hours***		

Texas Commission on Environmental Quality
Monitoring Requirements
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Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions

Periodic Monitoring Text: ***[I] Measure and record the fan motor current. Establish a minimum current using the most recent performance test data, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a violation.***

[II] Measure and record the liquid flow rate. Establish a minimum liquid flow rate using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation.

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions ✓

I. Identifying Information		
Account No.: ***CG0010G***	RN No.: ***RN100543115***	CN: ***CN601710460***
Permit No: ***O1378***	Project No.: ***37920***	
Area Name: ***Texarkana Mill***		
Company Name: ***Graphic Packaging International, LLC***		
II. Unit/Emission Point/Group/Process Information		
Revision No.: ***12***		
Unit/EPN/Group/Process ID No.: ***LK01***		
Applicable Form: ***OP-UA15***		
III. Applicable Regulatory Requirement		
Name: ***30 TAC Chapter 111, Nonagricultural Processes***		
SOP/GOP Index No.: ***R1151-01***		
Pollutant: ***PM***		
Main Standard: ***§ 111.151(a)***		
Monitoring Type: ***CAM***		
Unit Size: ***LG***		
Deviation Limit: ***[I] Minimum Pressure Drop = 17 inches H2O; [II] Minimum Liquid Flow Rate = 404 gpm***		
IV. Control Device Information		
Control Device ID No.:***VS-2***		
Device Type: ***WETSCR***		
V. CAM Case-by-case		
Indicator: ***[I] Pressure Drop; [II] Liquid Flow Rate***		
Minimum Frequency: ***[I] once per 15 minutes; [II] once per 15 minutes***		
Averaging Period: ***[I] 3 hours; [II] 3 hours***		
QA/QC Procedures: ***Pressure Drop: The monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specification, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent.*** ***Liquid Flow Rate: The monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specification, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent.***		
Verification Procedures: ***See QA/QC Procedures and Representative Data***		

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

Representative Date: ***Pressure Drop: The data shall be accurate to within the following:*** ***± 1 inch water gauge pressure (± 250 pascals); or*** ***± 2% of span.*** ***Liquid Flow Rate: The data shall be accurate to within the following:*** ***± 2% of span; or*** ***± 5% of design or liquid flow rate.***	
VI. Periodic Monitoring Case-by-case	
Indicator:	Minimum Frequency:
Averaging Period:	
Periodic Monitoring Text:	

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program ✓
Table 1c: CAM/PM Case-By-Case Additions

I. Identifying Information		
Account No.: ***CG0010G***	RN No.: ***RN100543115***	CN: ***CN601710460***
Permit No: ***O1378***	Project No.: ***37920***	
Area Name: ***Texarkana Mill***		
Company Name: ***Graphic Packaging International, LLC***		
II. Unit/Emission Point/Group/Process Information		
Revision No.: ***12***		
Unit/EPN/Group/Process ID No.: ***LK01***		
Applicable Form: ***OP-UA15***		
III. Applicable Regulatory Requirement		
Name: ***30 TAC Chapter 111, Nonagricultural Processes***		
SOP/GOP Index No.: ***R1111-01***		
Pollutant: ***Opacity***		
Main Standard: ***§ 111.111(a)(1)(A)***		
Monitoring Type: ***PM***		
Unit Size:		
Deviation Limit: ***[I] Minimum Pressure Drop = 17 inches H2O; [II] Minimum Liquid Flow Rate = 404 gpm***		
IV. Control Device Information		
Control Device ID No.:***VS-2***		
Device Type: ***WETSCR***		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:***.***		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: ***[I] Fan Motor Current; [II] Minimum Liquid Flow Rate***	Minimum Frequency: ***[I] once per 15 minutes; [II] once per 15 minutes***	
Averaging Period: ***[I] 3 hours; [II] 3 hours***		
Periodic Monitoring Text: ***[I] Measure and record the fan motor current. Establish a minimum current using the most recent performance test data, manufacturer's recommendations, engineering calculations,***		

and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a violation.

[II] Measure and record the liquid flow rate. Establish a minimum liquid flow rate using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation.

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 8)
Federal Operating Permit Program

Table 2d: CAM/PM Case-By-Case Device Deletions

✓

I.	**Identifying Information**
Account No.: ***CG0010G***	
RN No.: ***RN100543115***	
CN: ***CN601710460***	
Permit No.: ***O1379***	
Project No.: ***37920***	
Area Name: ***Texarkana Mill***	
Company Name: ***Graphic Packaging International, LLC***	
II.	**Unit/Emission Point/Group/Process Information**
Revision No.: ***2***	
Unit/EPN/Group/Process ID No.: ***GRP-CONC***	
Applicable Form:***UA30***	
III.	**Applicable Regulatory Requirement**
Name: ***40 CFR Part 60, Subpart BB***	
SOP/GOP Index No.:***60BB-01***	
Pollutant: ***OTH(TRS)***	
Main Standard: ***§ 60.283(a)(1)(iii)***	
IV.	**Title V Monitoring Information**
Monitoring Type: ***CAM***	
V.	**Control Device Information**
Control Device ID No.: ***NCG01***	
Control Device Type: ***DIRFLM***	
VI.	**Type of Deletion**
Monitoring Requirement: **Delete**	
Control Device: **Blank**	

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.
02/01/2025	*O1378*	*RN100543115*

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
LKENG1	*63ZZZZ-01*	*MAJOR*	*100-*	*02-*	*NO*	*NORMAL*	*CI*
LKENG2	*63ZZZZ-01*	*MAJOR*	*100-*	*02-*	*NO*	*NORMAL*	*CI*
FIREPMPNO	*63ZZZZ-01*	*MAJOR*	*250-300*	*06+*	*NO*	*EMER-A*	*CI*
FIREPMP4	*63ZZZZ-01*	*MAJOR*	*250-300*	*06+*	*NO*	*EMER-A*	*CI*
WPEMERGEN	*63ZZZZ-01*	*MAJOR*	*100-250*	*06+*	*NO*	*EMER-A*	*CI*

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.
02/01/2025	*O1378*	*RN100543115*

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
LKENG1	*60IIII-01*	*2005-*	*NONE*	*NON*	*RECON*	*0406-*
LKENG2	*60IIII-01*	*2005-*	*NONE*	*NON*	*RECON*	*0406-*
FIREPMPNO	***60IIII-01***	***2005+***	***NONE***	***FIRE***	***RECON***	***0706+*** NC
FIREPMP4	***60IIII-01***	***2005+***	***NONE***	***FIRE***	***RECON***	***0706+*** NC
WPEMERGEN	***60IIII-01***	***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.
02/01/2025	*O1378*	*RN100543115*

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
FIREPMPNO	***60IIII-01***	***DIESEL***		***10-***		***2013***	NC
FIREPMP4	***60IIII-01***	***DIESEL***		***10-***		***2013***	NC
WPEMERGEN	***60IIII-01***	***DIESEL***		***10-***		***2017+***	✓

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.
02/01/2025	*O1378*	*RN100543115*

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
FIREPMPNO	***60IIII-01***	***F130-368***				***MANU YES***		NC
FIREPMP4	***60IIII-01***	***F130-368***				***MANU YES***		NC
WPEMERGEN	***60IIII-01***	***E75-130***		***NO***		***MANU YES***		✓

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.
07/15/2025	*O1378*	*RN100543115*

Emission Point ID No.	SOP/GOP Index No.	Alternate Opacity Limitation	AOL ID No.	Vent Source	Opacity Monitoring System	Construction Date	Effluent Flow Rate
BP14	*R1111-01*	*NO*		*OTHER*	*NONE*	*72+*	*100-*
BP15	*R1111-01*	*NO*		*OTHER*	*NONE*	*72+*	*100-*
BP16	*R1111-01*	*NO*		*OTHER*	*NONE*	*72+*	*100-*
CTRW-1	*R1111-01*	*NO*		*OTHER*	*NONE*	*72-*	*100-*
EX7LAM1	*R1111-01*	*NO*		*OTHER*	*NONE*	*72-*	*100-*
LK01	*R1111-01*	*NO*		*OIL[4]*	*NONE*	*72-*	*100-*
LK02	*R1111-01*	*NO*		*OIL[4]*	*NONE*	*72+*	*100-*
PB01	*R1111-01*	*NO*		*OIL[5]*	*OPMON*	*72-*	*100+*
PB02	*R1111-01*	*NO*		*OIL[6]*	*EDEX*	*72+*	*100+*

[4]LK01 and LK02 fire either fuel oil or natural gas.
[5]PB01 is capable of firing 100% natural gas or natural gas and oil combined (i.e., not 100% oil).
[6]PB02 is a combination fuel-fired unit and fires wood and other solid fuels, oil, and natural gas.

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.
07/15/2025	*O1378*	*RN100543115*

RB01A	*R1111-01*	*NO*		*OTHER*	*OPMON*	*72-*	*100+*
RB01B	*R1111-01*	*NO*		*OTHER*	*OPMON*	*72-*	*100+*
RB02A	*R1111-01*	*NO*		*OTHER*	*OPMON*	*72+*	*100+*
RB02B	*R1111-01*	*NO*		*OTHER*	*OPMON*	*72+*	*100+*
SM01	*R1111-01*	*NO*		*OTHER*	*NONE*	*72+*	*100-*
SM02	*R1111-01*	*NO*		*OTHER*	*NONE*	*72+*	*100-*
TNK0115	*R1111-01*	*NO*		*OTHER*	*NONE*	*72-*	*100-*
TNK0116	*R1111-01*	*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.
07/15/2025	*O1378*	*RN100543115*

Emission Point ID No.	SOP Index No.	Annual ACF	Heat Input	State Implementation Plan (SIP) Violation	Total Feed Capacity
LK01	*R1111-01*			*YES*[7]	
LK02	*R1111-01*			*YES*[7]	
PB01	*R1111-01*			*YES*[7]	
PB02	*R1111-01*			*YES*[7]	

[7] ***Attribute information is based on whether or not a source is able to comply with the applicable PM and opacity regulations without the use of PM collection equipment. However, the applicant and TCEQ are unsure if the source "has been found to be in violation of any visible emission standard in the SIP."***

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 40)
Federal Operating Permit Program
Table 15: Title 30Texas Administrative Code Chapter 111 (30 TAC Chapter 111)
Subchapter A, Division 5: Emission Limits on Nonagricultural Processes
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
07/15/2025	*O1378*	*RN100543115*

Emission Point ID No.	SOP Index No.	Effective Stack Height
LK01	*R1151-01*	*NO*
LK02	*R1151-01*	*NO*
PB02	*R1151-01*	*NO*
RB01A	*R1151-01*	*NO*
RB01B	*R1151-01*	*NO*
RB02A	*R1151-01*	*NO*
RB02B	*R1151-01*	*NO*
SM01	*R1151-01*	*NO*
SM02	*R1151-01*	*NO*

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
07/15/2025	*O1378*	*RN100543115*

Unit ID No.	Registration No.	PBR No.	Registration Date
BP0368	168914	106.262, 106.478	06/03/2022
SM01, SM02, LK01, LK02, RB01A, RB01B, RB02A, RB02B, BG01, BG02, LS01, LS02, NCG01, NCG-F1, WWTS1, CLT01, CLT02, WLT01, WLT02, HLT01, HLT02, SCT01, SCT02, SS01, SS02, SST01, SST02SLST01, SLST02, SLST03, WLSC01, CP01, CP02, REJ BIN, DWSP, SBLST	179363	106.261, 106.262	04/10/2025

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
07/15/2025	*O1378*	*RN100543115*

Unit ID No.	PBR No.	Version No./Date
SVPTANK	106.472	09/04/2000
SPG	106.183	09/04/2000
WPEMERGEN	106.511	09/04/2000

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 1)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
07/15/2025	*O1378*	*RN100543115*

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

I.	**Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter**		
	A.	**Visible Emissions**	
♦	1.	The application area includes stationary vents constructed on or before January 31, 1972.	☒ Yes ☐ No
♦	2.	The application area includes stationary vents constructed after January 31, 1972. *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.*	☒ Yes ☐ 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.	☐ Yes ☒ No
♦	4.	All stationary vents are addressed on a unit specific basis.	☐ Yes ☒ 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.	☒ Yes ☐ No
♦	6.	The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).	☒ Yes ☐ 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).	☒ Yes ☐ No
♦	8.	Emissions from units in the application area include contributions from uncombined water.	☒ Yes ☐ 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).	☐ Yes ☒ No ☐ N/A

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I.	**Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)**		
	B.	**Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots**	
	1.	Items a - d determine applicability of any of these requirements based on geographical location.	
♦	a.	The application area is located within the city of El Paso.	☐ Yes ☒ No
♦	b.	The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.	☐ Yes ☒ No
♦	c.	The application area is located in the portion of Harris County inside the loop formed by Beltway 8.	☐ Yes ☒ 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.	☐ Yes ☒ No
		If there is any "Yes" response to Questions I.B.1.a - d, answer Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "No," go to Section I.C.	
	2.	Items a - d determine the specific applicability of these requirements.	
♦	a.	The application area is subject to 30 TAC § 111.143.	☐ Yes ☐ No
♦	b.	The application area is subject to 30 TAC § 111.145.	☐ Yes ☐ No
♦	c.	The application area is subject to 30 TAC § 111.147.	☐ Yes ☐ No
♦	d.	The application area is subject to 30 TAC § 111.149.	☐ Yes ☐ No
	C.	**Emissions Limits on Nonagricultural Processes**	
♦	1.	The application area includes a nonagricultural process subject to 30 TAC § 111.151.	☒ Yes ☐ No
	2.	The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements. *If the response to Question I.C.2 is "No," go to Question I.C.4.*	☒ Yes ☐ No
	3.	All vents from nonagricultural process in the application area are subject to additional monitoring requirements.	☐ Yes ☒ No

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I.	**Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)**		
	C.	**Emissions Limits on Nonagricultural Processes (continued)**	
	4.	The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).	☐ Yes ☒ No
	5.	The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements. *If the response to Question I.C.5 is "No," go to Question I.C.7.*	☐ Yes ☒ No
	6.	All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.	☐ Yes ☐ No
	7.	The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).	☐ Yes ☒ No
	8.	The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements. *If the response to Question I.C.8 is "No," go to Section I.D.*	☐ Yes ☒ No
	9.	All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.	☐ Yes ☐ No
	D.	**Emissions Limits on Agricultural Processes**	
	1.	The application area includes agricultural processes subject to 30 TAC § 111.171.	☐ Yes ☒ No
	E.	**Outdoor Burning**	
♦	1.	Outdoor burning is conducted in the application area. *If the response to Question I.E.1 is "No," go to Section II.*	☒ Yes ☐ No
♦	2.	Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.	☒ Yes ☐ 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.	☒ Yes ☐ No
♦	4.	Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209.	☒ Yes ☐ No

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I.	**Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)**		
	E.	**Outdoor Burning (continued)**	
♦	5.	Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211.	☐ Yes ☒ No
♦	6.	Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.	☐ Yes ☒ No
♦	7.	The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215.	☐ Yes ☒ No
II.	**Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds**		
	A.	**Temporary Fuel Shortage Plan Requirements**	
	1.	The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18.	☒ Yes ☐ No
III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds**		
	A.	**Applicability**	
♦	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. *See instructions for inclusive counties. If the response to Question III.A.1 is "No," go to Section IV.*	☒ Yes ☐ No
	B.	**Storage of Volatile Organic Compounds**	
♦	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.	☒ Yes ☐ No

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III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	C.	**Industrial Wastewater**	
	1.	The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140. *If the response to Question III.C.1 is "No" or "N/A," go to Section III.D.*	☐ Yes ☐ No ☒ N/A
	2.	The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area. *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.*	☐ Yes ☐ 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). *If the response to Question III.C.3 is "Yes," go to Section III.D.*	☐ Yes ☐ 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). *If the response to Question III.C.4 is "Yes," go to Section III.D.*	☐ Yes ☐ 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).	☐ Yes ☐ 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).	☐ Yes ☐ 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).	☐ Yes ☐ No
	D.	**Loading and Unloading of VOCs**	
♦	1.	The application area includes VOC loading operations.	☒ Yes ☐ No
♦	2.	The application area includes VOC transport vessel unloading operations. *For GOP applications, if the responses to Questions III.D.1 - D.2 are "No," go to Section III.E.*	☒ Yes ☐ No

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III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	D.	**Loading and Unloading of VOCs (continued)**	
♦	3.	Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.	☐ Yes ☒ No
	E.	**Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities**	
♦	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. *If the response to Question III.E.1 is "No," go to Section III.F.*	☒ YES ☐ 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.	☐ YES ☒ 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. *If the response to Question III.E.2 and/or E.3 is "Yes," go to Section III.F.*	☐ Yes ☒ No
♦	4.	The application area is located in a covered attainment county as defined in 30 TAC § 115.10. *If the response to Question III.E.4 is "No," go to Question III.E.9.*	☒ Yes ☐ No
♦	5.	Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	☐ Yes ☒ No
♦	6.	Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	☒ Yes ☐ No
♦	7.	At facilities located in a covered attainment county 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. *If the response to Question III.E.7 is "Yes," go to Section III.F.*	☒ Yes ☐ No

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III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	E.	**Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)**	
♦	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. *If the response to Question III.E.8 is "Yes," go to Section III.F.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
	F.	**Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)**	
♦	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.	☐ Yes ☐ No ☐ N/A

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III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	F.	**Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)**	
♦	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.	☐ Yes ☐ No ☐ 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.	☐ Yes ☐ No ☐ N/A
	G.	**Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities**	
♦	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. *If the response to Question III.G.1 is "No" or "N/A," go to Section III.H.*	☐ Yes ☐ No ☒ N/A
♦	2.	The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012.	☐ Yes ☐ No
♦	3.	The application area includes facilities that began construction prior to November 15, 1992. *If the responses to Questions III.G.2 and III.G.3 are both "No," go to Section III.H.*	☐ Yes ☐ No
♦	4.	The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline.	☐ Yes ☐ 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.	☐ Yes ☐ No ☐ N/A

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III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	H.	**Control of Reid Vapor Pressure (RVP) of Gasoline**	
♦	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. *If the response to Question III.H.1 is "No" or "N/A," go to Section III.I.*	☐ Yes ☐ No ☒ 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.	☐ Yes ☐ No
♦	3.	The application area includes a motor vehicle fuel dispensing facility.	☐ Yes ☐ No
♦	4.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.	☐ Yes ☐ No
	I.	**Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries**	
	1.	The application area is located at a petroleum refinery.	☐ Yes ☒ No
	J.	**Surface Coating Processes (Complete this section for GOP applications only.)**	
♦	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.	☐ Yes ☐ No ☐ 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. *If the response to Question III.K.1 is "N/A," go to Section III.L.*	☐ Yes ☐ No ☒ 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.	☐ Yes ☐ No ☐ N/A
	3.	Asphalt emulsion is used or produced within the application area.	☐ Yes ☐ No
	4.	The application area is using an alternate control requirement as specified in 30 TAC § 115.513. *If the response to Question III.K.4 is "No," go to Section III.L.*	☐ Yes ☐ 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).	☐ Yes ☐ No
	6.	The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.	☐ Yes ☐ No
	7.	The applicant using cutback asphalt is a state, municipal, or county agency.	☐ Yes ☐ 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. *If the response to Question III.L.1 is "No" or "N/A," go to Section III.M.*	☐ Yes ☐ No ☒ N/A
♦	2.	Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area. *If the response to Question III.L.2 is "Yes," go to Section III.M.*	☐ Yes ☐ No ☐ N/A

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III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	L.	**Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)**	
♦	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.	☐ Yes ☐ No ☐ 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.	☐ Yes ☐ No ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No ☐ 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 ≥ 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area.	☐ Yes ☐ No ☐ N/A
	M.	**Petroleum Dry Cleaning Systems**	
	1.	The application area contains one or more petroleum dry cleaning facilities that use petroleum-based solvents.	☐ Yes ☐ No ☒ N/A

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III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	N.	**Vent Gas Control (Highly Reactive Volatile Organic Compounds (HRVOC)**	
	1.	The application area includes one or more vent gas streams containing HRVOC.	☐ Yes ☐ No ☒ N/A
	2.	The application area includes one or more flares that emit or have the potential to emit HRVOC. *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.*	☐ Yes ☐ No ☒ 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.	☐ Yes ☐ 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. *If the responses to Questions III.N.3 and III.N.4 are both "Yes," go to Section III.O.*	☐ Yes ☐ No
	5.	The application area contains pressure relief valves that are not controlled by a flare.	☐ Yes ☐ No
	6.	The application area has at least one vent stream which has no potential to emit HRVOC.	☐ Yes ☐ No
	7.	The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).	☐ Yes ☐ No
	O.	**Cooling Tower Heat Exchange Systems (HRVOC)**	
	1.	The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC.	☐ Yes ☐ No ☒ 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. *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.*	☐ Yes ☒ No
	2.	The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln. *If the response to Question IV.A.2 is "Yes," go to Question IV.H.1.*	☐ Yes ☒ No
	3.	The application area includes a utility electric generator in an east or central Texas county. *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.*	☐ Yes ☒ 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. *If the response to Question IV.B.1 is "No," go to Question IV.C.1.*	☐ Yes ☐ No
	2.	The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.	☐ Yes ☐ 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. *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.*	☐ Yes ☐ NO
♦	2.	The application area is located at a site that was a major source of NO_X before November 15, 1992.	☐ Yes ☐ No ☐ N/A
♦	3.	The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.	☐ Yes ☐ No
	D.	**Adipic Acid Manufacturing**	
	1.	The application area is located at, or part of, an adipic acid production unit.	☐ Yes ☐ No ☐ N/A
	E.	**Nitric Acid Manufacturing - Ozone Nonattainment Areas**	
	1.	The application area is located at, or part of, a nitric acid production unit.	☐ Yes ☐ No ☐ 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_X in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County). *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.*	☐ Yes ☐ 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).	☐ Yes ☐ 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).	☐ Yes ☐ No

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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

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.	☐ Yes ☐ No
♦	5.	The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110.	☐ Yes ☐ 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. *If the response to Question IV.F.6 is "No," go to Section IV.G.*	☐ Yes ☐ No
	7.	An ACSS for carbon monoxide (CO) has been approved?	☐ Yes ☐ No
	8.	An ACSS for ammonia (NH_3) has been approved?	☐ Yes ☐ 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. *If the response to Question IV.G.1 is "No," go to Question IV.H.1.*	☐ Yes ☐ No
	2.	The application area is complying with the System Cap in 30 TAC § 117.3020.	☐ Yes ☐ 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. *If the response to question IV.H.1 is "No," go to Section V.*	☐ Yes ☒ No
	2.	All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.	☐ Yes ☐ No

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

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 refinish coatings or coating components and sells or distributes these coatings or coating components in the United States.	☐ Yes ☒ No
2.	The application area imports automobile refinish coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States. *If the responses to Questions V.A.1 and V.A.2 are both "No," go to Section V.B.*	☐ Yes ☒ No
3.	All automobile refinish 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).	☐ Yes ☐ 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.	☐ Yes ☒ 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.	☐ Yes ☒ No
3.	The application area is a distributor of consumer products whose name appears on the label of one or more of the products. *If the responses to Questions V.B.1 - V.B.3 are all "No," go to Section V.C.*	☐ Yes ☒ 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).	☐ Yes ☐ No

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

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)**		
	C.	**Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings**	
	1.	The application area manufactures or imports architectural coatings for sale or distribution in the United States.	☐ Yes ☒ No
	2.	The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. *If the responses to Questions V.C.1-2 are both "No," go to Section V.D.*	☐ Yes ☒ 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).	☐ Yes ☐ No
	D.	**Subpart E - National Volatile Organic Compound Emission Standards for Aerosol Coatings**	
	1.	The application area manufactures or imports aerosol coating products for sale or distribution in the United States.	☐ Yes ☒ No
	2.	The application area is a distributor of aerosol coatings for resale or distribution in the United States.	☐ Yes ☒ No
	E.	**Subpart F - Control of Evaporative Emissions from New and In-Use Portable Fuel Containers**	
	1.	The application area manufactures or imports portable fuel containers for sale or distribution in the United States. *If the response to Question V.E.1 is "No," go to Section VI.*	☐ Yes ☒ 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).	☐ Yes ☐ No
VI.	**Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards**		
	A.	**Applicability**	
♦	1.	The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts. *If the response to Question VI.A.1 is "No," go to Section VII.*	☒ Yes ☐ No

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

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. *If the response to Question VI.B.1 is "No," go to Section VI.C.*	☐ Yes ☒ No
	2.	The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). *If the response to Question VI.B.2 is "No," go to Section VI.C.*	☐ Yes ☐ No
	3.	The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. *If the response to Question VI.B.3 is "Yes," go to Section VI.C.*	☐ Yes ☐ No
	4.	The plant contains an open storage pile, as defined in § 60.251, as an affected facility. *If the response to Question VI.B.4 is "No," go to Section VI.C.*	☐ Yes ☐ No
	5.	The open storage pile was constructed, reconstructed or modified after May 27, 2009.	☐ Yes ☐ 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. *If the response to Question VI.C.1 is "No" or "N/A," go to Section VI.E.*	☐ Yes ☐ No ☐ 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. *If the response to Question VI.C.2 is "No," go to Section VI.E.*	☐ Yes ☐ 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).	☐ Yes ☐ 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.	☐ Yes ☐ No

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

VI.	**Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**		
	C.	**Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)**	
♦	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.	☐ Yes ☐ No
	D.	**Subpart XX - Standards of Performance for Bulk Gasoline Terminals**	
	1.	The application area includes bulk gasoline terminal loading racks. *If the response to Question VI.D.1 is "No," go to Section VI.E.*	☐ Yes ☒ No ☐ 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.	☐ Yes ☐ No
	E.	**Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO_2) Emissions**	
♦	1.	The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). *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 or "N/A," go to Section VI.H.*	☐ Yes ☒ No
♦	2.	The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011. *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.*	☐ Yes ☐ 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. *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.*	☐ Yes ☐ No

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

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_2) Emissions (continued)**	
♦	4.	Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD. *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.*	☐ Yes ☐ 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. *If the response to Question VI.F.1 is "No," go to Section VI.G.*	☐ Yes ☒ 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.	☐ Yes ☐ 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. *If the response to Question VI.G.1 is "No," go to Section VI.H.*	☐ Yes ☒ No
	2.	The application area includes storm water sewer systems.	☐ Yes ☐ No

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

VI.	**Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**		
	G.	**Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)**	
	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.	☐ Yes ☐ No
	4.	The application area includes non-contact cooling water systems.	☐ Yes ☐ No
	5.	The application area includes individual drain systems. *If the response to Question VI.G.5 is "No," go to Section VI.H.*	☐ Yes ☐ No
	6.	The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	☐ Yes ☐ No
	7.	The application area includes completely closed drain systems.	☐ Yes ☐ No
	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**	
♦	1.	The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. *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.*	☐ Yes ☒ No ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
♦	4.	The application area includes at least one air curtain incinerator. *If the response to Question VI.H.4 is "No," go to Section VI.I.*	☐ Yes ☒ No

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

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. *If the response to Question VI.H.5 is "No," go to Question VI.H.7.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *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.*	☐ Yes ☒ No ☐ 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.	☐ Yes ☐ No

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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

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.	☐ Yes ☐ No
♦	4.	The application area includes at least one air curtain incinerator. *If the response to Question VI.I.4 is "No," go to Section VI.J.*	☐ Yes ☒ 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. *If the response to Question VI.I.5 is "No," go to VI.I.7.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No

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

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. *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.*	☐ Yes ☒ No ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
♦	4.	The application area includes at least one air curtain incinerator. *If the response to Question VI.J.4 is "No," go to Section VI.K.*	☐ Yes ☒ 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. *If the response to Question VI.J.5 is "No," go to Question VI.J.7.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No

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

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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☒ 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. *If the response to Question VII.A.1 is "No" or "N/A," go to Section VIII.*	☒ Yes ☐ No ☐ 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.	☐ Yes ☒ 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.	☐ Yes ☐ No ☐ 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). *If the response to Question VII.D.1 is "No," go to Section VII.E.*	☐ Yes ☒ No
	2.	The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b).	☐ Yes ☐ No
	3.	The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.	☐ Yes ☐ 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. *If the response to Question VII.E.1 is "No," go to Section VII.F.*	☐ Yes ☒ No
		Roadway Construction	
	2.	The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	☐ Yes ☒ No
		Manufacturing Commercial Asbestos	
	3.	The application area includes a manufacturing operation using commercial asbestos. *If the response to Question VII.E.3 is "No," go to Question VII.E.4.*	☐ Yes ☒ No
		a. Visible emissions are discharged to outside air from the manufacturing operation	☐ Yes ☐ No
		b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.	☐ Yes ☐ 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)**	
		***Manufacturing Commercial Asbestos* (continued)**	
	c.	Asbestos-containing waste material is processed into non-friable forms.	☐ Yes ☐ No
	d.	Asbestos-containing waste material is adequately wetted.	☐ Yes ☐ No
	e.	Alternative filtering equipment is being used that has received EPA approval.	☐ Yes ☐ 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	☐ 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
		Asbestos Spray Application	
4.		The application area includes operations in which asbestos-containing materials are spray applied. *If the response to Question VII.E.4 is "No," go to Question VII.E.5.*	☐ Yes ☒ No
	a.	Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying. *If the response to Question VII.E.4.a is "Yes," go to Question VII.E.5.*	☐ Yes ☐ No
	b.	Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.	☐ Yes ☐ No
	c.	An alternative emission control and waste treatment method is being used that has received prior EPA approval.	☐ Yes ☐ 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)**	
		Asbestos Spray Application **(continued)**	
	d.	Asbestos-containing waste material is processed into non-friable forms.	☐ Yes ☐ No
	e.	Asbestos-containing waste material is adequately wetted.	☐ Yes ☐ No
	f.	Alternative filtering equipment is being used that has received EPA approval.	☐ Yes ☐ No
	g.	A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles.	☐ Yes ☐ 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.	☐ Yes ☐ No
		Fabricating Commercial Asbestos	
5.		The application area includes a fabricating operation using commercial asbestos. *If the response to Question VII.E.5 is "No," go to Question VII.E.6.*	☐ Yes ☒ No
	a.	Visible emissions are discharged to outside air from the manufacturing operation.	☐ Yes ☐ No
	b.	An alternative emission control and waste treatment method is being used that has received prior EPA approval.	☐ Yes ☐ No
	c.	Asbestos-containing waste material is processed into non-friable forms.	☐ Yes ☐ No
	d.	Asbestos-containing waste material is adequately wetted.	☐ Yes ☐ No
	e.	Alternative filtering equipment is being used that has received EPA approval.	☐ Yes ☐ 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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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.	☐ Yes ☐ No
4.	The application area includes benzene transfer operations at tank-truck loading racks.	☐ Yes ☐ 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.	☐ Yes ☒ 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). *If the responses to Questions VII.H.1 and VII.H.2 are both "No," go to Section VIII.*	☐ Yes ☒ No
3.	The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates. *If the response to Question VII.H.3 is "Yes," go to Section VIII.*	☐ Yes ☐ 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). *If the response to Question VII.H.4 is "Yes," go to Section VIII*	☐ Yes ☐ 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. *If the response to Question VII.H.5 is "Yes," go to Section VIII.*	☐ Yes ☐ 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.	☐ Yes ☐ No
7.	The application area has waste streams with flow-weighted annual average water content of 10% or greater.	☐ Yes ☐ 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).	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
11.	The application area transfers waste off-site for treatment by another facility.	☐ Yes ☐ No
12.	The application area is complying with 40 CFR § 61.342(d).	☐ Yes ☐ No
13.	The application area is complying with 40 CFR § 61.342(e). *If the response to Question VII.H.13 is "No," go to Question VII.H.15.*	☐ Yes ☐ No
14.	The application area has facility waste with a flow weighted annual average water content of less than 10%.	☐ Yes ☐ 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)	
	Container Requirements	
15.	The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste. *If the response to Question VII.H.15 is "No," go to Question VII.H.18.*	☐ Yes ☐ No
16.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. *If the response to Question VII.H.16 is "Yes," go to Question VII.H.18.*	☐ Yes ☐ No
17.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	☐ Yes ☐ No
	Individual Drain Systems	
18.	The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste. *If the response to Question VII.H.18 is "No," go to Question VII.H.25.*	☐ Yes ☐ No
19.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. *If the response to Question VII.H.19 is "Yes," go to Question VII.H.25.*	☐ Yes ☐ No
20.	The application area has individual drain systems complying with 40 CFR § 61.346(a). *If the response to Question VII.H.20 is "No," go to Question VII.H.22.*	☐ Yes ☐ 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.	☐ Yes ☐ 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)**	
		***Individual Drain Systems* (continued)**	
	22.	The application area has individual drain systems complying with 40 CFR § 61.346(b). *If the response to Question VII.H.22 is "No," go to Question VII.H.25.*	☐ Yes ☐ 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.	☐ Yes ☐ No
	24.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	☐ Yes ☐ No
		Remediation Activities	
	25.	Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.	☐ Yes ☐ No
VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories**		
	A.	**Applicability**	
♦	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. *See instructions for 40 CFR Part 63 subparts made applicable only by reference.*	☒ Yes ☐ No
	B.	**Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry**	
	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). *If the response to Question VIII.B.1 is "No," go to Section VIII.D.*	☒ 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)**	
	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). *If the response to Question VIII.B.2 is "No," go to Section VIII.D.*	☐ Yes ☒ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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 not 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. *If the response to Questions VIII.B.3, B.4 and B.5 are all "No," go to Section VIII.D.*	☐ 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)		
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. *If the response to Question VIII.C.1 is "No," go to Section VIII.D.*	☐ Yes ☐ No
2.	The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.	☐ Yes ☐ No
3.	The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148. *If the response to Question VIII.C.3 is "No," go to Question VIII.C.8.*	☐ Yes ☐ No
4.	The application area includes vapor collection systems or closed-vent systems that are constructed of hard piping.	☐ Yes ☐ 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. *If the response to Question VIII.C.5 is "No," go to Question VIII.C.8.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ 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)**	
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. *If the response to Question VIII.C.8 is "No," go to Question VIII.C.11.*	☐ Yes ☐ No
9.	The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater.	☐ 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. *If the response to Question VIII.C.12 is "No," go to Question VIII.C.34.*	☐ Yes ☐ No
13.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. *If the response to Question VIII.C.13 is "No," go to Question VIII.C.15.*	☐ Yes ☐ No
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. *If the response to Question VIII.C.15 is "No," go to Question VIII.C.17.*	☐ 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)		
	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).	☐ Yes ☐ No
17.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272. *If the response to Question VIII.C.17 is "No," go to Question VIII.C.20.*	☐ Yes ☐ No
18.	The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).	☐ Yes ☐ No
19.	The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii).	☐ Yes ☐ 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.	☐ Yes ☐ No
21.	The application area includes process wastewater streams, located at existing sources that are Group 2.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ 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)**	
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. *If the response to Question VIII.C.24 is "Yes," go to Question VIII.C.34.*	☐ Yes ☐ 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. *If the response to Question VIII.C.25 is "No," go to Question VIII.C.27.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
28.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.C.27 - VIII.C.28 are both "No," go to Question VIII.C.30.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ 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)**	
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. *If the response to Question VIII.C.31 is "No," go to Question VIII.C.34.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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). *If the response to Question VIII.C.34 is "No," go to Question VIII.C.39.*	☐ Yes ☐ 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). *If the response to Question VIII.C.35 is "No," go to Question VIII.C.39.*	☐ Yes ☐ 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.	☐ 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)**	
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)**	
	***Drains* (continued)**	
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.	☐ Yes ☐ 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.	☐ Yes ☐ No
	Gas Streams	
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.	☐ Yes ☐ 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).	☐ Yes ☐ No
D.	**Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks**	
1.	The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations.	☐ 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)**	
E.	**Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities**	
1.	The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials. *If the response to Question VIII.E.1 is "No," go to Section VIII.F.*	☐ Yes ☒ No
2.	Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O. *If the response to Question VIII.E.2 is "No," go to Section VIII.F.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
F.	**Subpart Q - National Emission Standards for Industrial Process Cooling Towers**	
1.	The application area includes industrial process cooling towers. *If the response to Question VIII.F.1 is "No," go to Section VIII.G.*	☒ Yes ☐ No
2.	Chromium-based water treatment chemicals have been used on or after September 8, 1994.	☐ Yes ☒ No
G.	**Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)**	
1.	The application area includes a bulk gasoline terminal.	☐ Yes ☒ No
2.	The application area includes a pipeline breakout station. *If the responses to Questions VIII.G.1 and VIII.G.2 are both "No," go to Section VIII.H.*	☐ Yes ☒ 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. *If the response to Question VIII.G.3 is "Yes," go to Question VIII.G.10.*	☐ 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)**	
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. *If the response to Question VIII.G.4 is "Yes," go to Question VIII.G.10.*	☐ Yes ☐ No
5.	An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station. *If the response to Question VIII.G.5 is "No," go to Question VIII.G.10.*	☐ Yes ☐ 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). *If the response to Question VIII.G.6 is "No," go to Question VIII.G.10.*	☐ Yes ☐ No
7.	Emissions screening factor less than 0.5 (ET or EP < 0.5). *If the response to Question VIII.G.7 is "Yes," go to Section VIII.H.*	☐ Yes ☐ No
8.	Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0). *If the response to Question VIII.G.8 is "Yes," go to Section VIII.H.*	☐ Yes ☐ No
9.	Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0). *If the response to Question VIII.G.9 is "Yes," go to Question VIII.G.11.*	☐ Yes ☐ No
10.	The site at which the application area is located is a major source of HAP. *If the response to Question VIII.G.10 is "No," go to Section VIII.H.*	☐ Yes ☐ No
11.	The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).	☐ 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)**	
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. *If the response to Question VIII.H.1 is "No," go to Section VIII.I.*	☒ Yes ☐ No
2.	The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3). *If the response to Question VIII.H.2 is "No," go to Section VIII.I.*	☒ Yes ☐ No
3.	The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources. *If the response to Question VIII.H.3 is "No," go to Section VIII.I.*	☒ Yes ☐ No
4.	The application area includes one or more kraft pulping systems that are existing sources.	☒ Yes ☐ No
5.	The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.	☐ Yes ☒ 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. *If the response to Question VIII.H.6 is "No," go to Section VIII.I.*	☐ Yes ☒ No
7.	The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).	☐ Yes ☐ No
8.	The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).	☐ 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)**	
I.	**Subpart T - National Emission Standards for Halogenated Solvent Cleaning**	
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.	☐ Yes ☒ 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.	☐ Yes ☒ 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.	☐ Yes ☒ No
J.	**Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins**	
1.	The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units. *If the response to Question VIII.J.1 is "No," go to Section VIII.K.*	☐ Yes ☒ 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. *If the response to Question VIII.J.2 is "No," go to Section VIII.K.*	☐ Yes ☐ 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.	☐ Yes ☐ No
4.	The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.	☐ 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)**	
	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. *If the response to Question VIII.J.5 is "Yes," go to Question VIII.J.15.*	☐ Yes ☐ 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. *If the response to Question VIII.J.6 is "No," go to Question VIII.J.8.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
9.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.J.8 - VIII.J.9 are both "No," go to Question VIII.J.11.*	☐ Yes ☐ 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.	☐ 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)**	
J.	**Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)**	
	Containers	
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.	☐ Yes ☐ No
	Drains	
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. *If the response to Question VIII.J.12 is "No," go to Question VIII.J.15.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
15.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit. *If the response to Question VIII.J.15 is "No," go to Section VIII.K.*	☐ Yes ☐ 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). *If the response to Question VIII.J.16 is "No," go to Section VIII.K.*	☐ 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)**	
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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the response to Question VIII.K.1 is "No" or "N/A," go to Section VIII.L.*	☐ Yes ☒ No ☐ N/A
2.	The application area includes a BLR and/or WSR research and development facility.	☐ 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)**	
L.	**Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting**	
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. *If the response to Question VIII.L.1 is "No" or "N/A," go to Section VIII.M.*	☐ Yes ☒ No ☐ 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.	☐ Yes ☐ No
M.	**Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations**	
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.	☐ Yes ☒ No
N.	**Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries**	
	Applicability	
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). *If the response to Question VIII.N.1 is "No," go to Section VIII.O.*	☐ Yes ☒ 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). *If the response to Question VIII.N.2 is "Yes," go to Section VIII.O.*	☐ 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)**	
	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). *If the response to Question VIII.N.3 is "No," go to Section VIII.O.*	☐ Yes ☐ 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. *If the response to Question VIII.N.4 is "No," go to Section VIII.O.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the response to Question VIII.N.7 is "No," go to Question VIII.N.13.*	☐ Yes ☐ No
8.	The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).	☐ 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)**	
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). *If the response to Question VIII.N.9 is "No," go to Question VIII.N.13.*	☐ Yes ☐ No
10.	The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	☐ 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
13.	The application area includes Group 1 gasoline loading racks as specified in § 63.650(a).	☐ 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). *If the response to Question VIII.O.1 is "No" or "N/A," go to Section VIII.P*	☐ Yes ☒ No ☐ N/A
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).	☐ Yes ☐ 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."	☐ Yes ☐ No
6.	The predominant activity in the application area is the treatment of wastewater received from off-site.	☐ Yes ☐ 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).	☐ Yes ☐ 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.	☐ YES ☐ 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).	☐ Yes ☐ 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. *If the response to Question VIII.O.10 is "Yes," go to Section VIII.P.*	☐ 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)**	
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. *If the response to Question VIII.O.11 is "No," go to Question VIII.O.14.*	☐ Yes ☐ No
12.	VOHAP concentration is determined by direct measurement.	☐ Yes ☐ No
13.	VOHAP concentration is based on knowledge of the off-site material.	☐ Yes ☐ 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. *If the response to Question VIII.O.14 is "No," go to Question VIII.O.17.*	☐ Yes ☐ 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.	☐ Yes ☐ No
16.	An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.	☐ Yes ☐ No
17.	The application area includes containers that manage non-exempt off-site material.	☐ Yes ☐ No
18.	The application area includes individual drain systems that manage non-exempt off-site materials.	☐ 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)**		
	P.	**Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities**	
	1.	The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. *If the response to Question VIII.P.1 is "No" or "N/A," go to Section VIII.Q.*	☐ Yes ☒ No ☐ N/A
	2.	The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	☐ Yes ☐ No
	Q.	**Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.**	
♦	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.	☐ Yes ☒ 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. *For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.R.* *For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.Z.*	☐ Yes ☒ No
♦	3.	The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. *For SOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.R.* *For GOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.Z.*	☐ Yes ☐ No
♦	4.	The application area is located at a site that is a major source of HAP. *If the response to Question VIII.Q.4 is "No," go to Question VIII.Q.6.*	☐ 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)**		
	Q.	**Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)**	
♦	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^3) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day. *For SOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.R.* *For GOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.Z.* *For all applications, if the response to Question VIII.Q.5 is "No," go to Question VIII.Q.9.*	☐ Yes ☐ No
♦	6.	The application area includes a triethylene glycol (TEG) dehydration unit. *For SOP applications, f 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.*	☐ Yes ☐ No
♦	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.	☐ Yes ☐ No
♦	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.	☐ Yes ☐ No
♦	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).	☐ 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)		
R.	**Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)**	
1.	The application area includes shipbuilding or ship repair operations. *If the response to Question VIII.R.1 is "NO," go to Section VIII.S.*	☐ Yes ☒ No
2.	Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.	☐ Yes ☐ No
S.	**Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations**	
1.	The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations. *If the response to Question VIII.S.1 is "No" or "N/A," go to Section VIII.T.*	☐ Yes ☒ No ☐ N/A
2.	The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.	☐ Yes ☐ No
T.	**Subpart KK - National Emission Standards for the Printing and Publishing Industry**	
1.	The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.	☐ Yes ☒ No ☐ N/A
U.	**Subpart PP - National Emission Standards for Containers**	
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. *If the response to Question VIII.U.1 is "NO," go to Section VIII.V.*	☐ Yes ☒ No
2.	The application area includes containers using Container Level 1 controls.	☐ Yes ☐ No
3.	The application area includes containers using Container Level 2 controls.	☐ 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)**	
U.	**Subpart PP - National Emission Standards for Containers (continued)**	
4.	The application area includes containers using Container Level 3 controls.	☐ Yes ☐ No
V.	**Subpart RR - National Emission Standards for Individual Drain Systems**	
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.	☒ Yes ☐ No
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards**	
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.	☐ Yes ☒ 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. *If the responses to Questions VIII.W.1 and VIII.W.2 are both "No," go to Question VIII.W.20.*	☐ Yes ☒ 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).	☐ Yes ☐ 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).	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the response to Question VIII.W.6 is "No," go to Question VIII.W.8.*	☐ 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)**	
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**	
7.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐ Yes ☐ 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.	☐ Yes ☐ No
9.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.W.8 and W.9 are both "No," go to Question VIII.W.11.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the response to Question VIII.W.12 is "No," go to Question VIII.W.15.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ 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)**	
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. *If the response to Question VIII.W.15 is "No," go to Question VIII.W.20.*	☐ Yes ☐ 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). *If the response to Question VIII.W.16 is "No," go to Question VIII.W.20.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ 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)**	
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.	☐ Yes ☐ No
20.	The application area includes an ethylene production process unit.	☐ Yes ☒ No ☐ N/A
21.	The application area includes waste streams generated from an ethylene production process unit. *If the responses to Questions VIII.W.20 and VIII.W.21 are both "No" or "N/A," go to Question VIII.W.54.*	☐ Yes ☒ No ☐ 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). *If the response to Question VIII.W.22 is "No," go to Question VIII.W.54.*	☐ Yes ☐ No
23.	Waste stream(s) are transferred off-site for treatment. *If the response to Question VIII.W.23 is "No," go to Question VIII.W.25.*	☐ Yes ☐ No
24.	The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. *If the response to Question VIII.W.24 is "No," go to Question VIII.W.54.*	☐ 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)**	
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**	
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).	☐ Yes ☐ 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). *If the response to Question VIII.W.26 is "No," go to Question VIII.W.43.*	☐ Yes ☐ 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. *If the response to Question VIII.W.27 is "No," go to Question VIII.W.43.*	☐ Yes ☐ 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). *If the response to Question VIII.W.28 is "No," go to Question VIII.W.33.*	☐ Yes ☐ No
29.	The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	☐ Yes ☐ No
30.	The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. *If the response to Question VIII.W.30 is "No," go to Question VIII.W.43.*	☐ Yes ☐ 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.	☐ 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)**	
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. *If the response to Question VIII.W.32 is required, go to Question VIII.W.43.*	☐ Yes ☐ No
33.	The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream. *If the response to Question VIII.W.33 is "No," go to Question VIII.W.36.*	☐ Yes ☐ No
34.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. *If the response to Question VIII.W.34 is "Yes," go to Question VIII.W.36.*	☐ Yes ☐ No
35.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	☐ Yes ☐ 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. *If the response to Question VIII.W.36 is "No," go to Question VIII.W.43.*	☐ Yes ☐ No
37.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. *If the response to Question VIII.W.37 is "Yes," go to Question VIII.W.43.*	☐ 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)**	
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). *If the response to Question VIII.W.38 is "No," go to Question VIII.W.40.*	☐ Yes ☐ 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.	☐ Yes ☐ No
40.	The application area has individual drain systems complying with 40 CFR § 61.346(b). *If the response to Question VIII.W.40 is "No," go to Question VIII.W.43.*	☐ Yes ☐ 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.	☐ Yes ☐ No
42.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	☐ Yes ☐ No
43.	The application area has at least one waste stream that contains benzene. *If the response to Question VIII.W.43 is "No," go to Question VIII.W.54.*	☐ Yes ☐ No
44.	The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene. *If the response to Question VIII.W.44 is "No," go to Question VIII.W.47.*	☐ Yes ☐ No
45.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. *If the response to Question VIII.W.45 is "Yes," go to Question VIII.W.47.*	☐ 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)**	
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.	☐ Yes ☐ 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. *If the response to Question VIII.W.47 is "No," go to Question VIII.W.54.*	☐ Yes ☐ No
48.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. *If the response to Question VIII.W.48 is "Yes," go to Question VIII.W.54.*	☐ Yes ☐ No
49.	The application area has individual drain systems complying with 40 CFR § 61.346(a). *If the response to Question VIII.W.49 is "No," go to Question VIII.W.51.*	☐ Yes ☐ 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.	☐ Yes ☐ No
51.	The application area has individual drain systems complying with 40 CFR § 61.346(b). *If the response to Question VIII.W.51 is "No," go to Question VIII.W.54.*	☐ Yes ☐ 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.	☐ 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)		
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**	
53.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	☐ Yes ☐ No
54.	The application area contains a cyanide chemicals manufacturing process. *If the response to Question VIII.W.54 is "No," go to Section VIII.X.*	☐ Yes ☒ No
55.	The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	☐ Yes ☐ No
X.	**Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins**	
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 subje ct to 40 CFR Part 63, Subpart JJJ. *If the response to Question VIII.X.1 is "No," go to Section VIII.Y.*	☐ Yes ☒ 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. *If the response to Question VIII.X.2 is "No," go to Section VIII.Y.*	☐ Yes ☐ No
3.	All process wastewater streams generated or managed in the application area are from sources producing polystyrene. *If the response to Question VIII.X.3 is "Yes," go to Section VIII.Y.*	☐ Yes ☐ No
4.	All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. *If the response to Question VIII.X.4 is "Yes," go to Section VIII.Y.*	☐ 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)**	
	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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the response to Question VIII.X.8 is "Yes," go to Question VIII.X.18.*	☐ Yes ☐ 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. *If the response to Question VIII.X.9 is "No," go to Question VIII.X.11.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
12.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.X.11 - VIII.X.12 are both "No," go to Question VIII.X.14.*	☐ 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)**	
X.	**Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)**	
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.	☐ Yes ☐ No
	Containers	
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.	☐ Yes ☐ No
	Drains	
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. *If the response to Question VIII.X.15 is "No," go to Question VIII.X.18.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
18.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a thermoplastic product process unit. *If the response to Question VIII.X.18 is "No," go to Section VIII.Y.*	☐ 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)**	
	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). *If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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	☐ 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)**		
	Y.	**Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.**	
	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.	☐ Yes ☒ No
	Z.	**Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.**	
♦	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.	☐ Yes ☒ No
	AA.	**Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)**	
	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).	☐ Yes ☒ No
	2.	The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	☒ Yes ☐ 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. *If the response to Question VIII.AA.1, AA.2 or AA.3 is "No," go to Section VIII.BB.*	☐ Yes ☒ 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. *If the response to Question VIII.AA.4 is "No," go to Section VIII.BB.*	☐ 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)		
	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. *If the response to Question VIII.AA.5 is "No," go to Question VIII.AA.24.*	☐ Yes ☐ No
6.	The application area includes process wastewater streams, located at existing sources, 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 of 40 CFR Part 63, Subpart FFFF, as appropriate.	☐ Yes ☐ No
7.	The application area includes process wastewater streams, located at existing sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	☐ Yes ☐ No
8.	The application area includes process wastewater streams, located at new sources, 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 of 40 CFR Part 63, Subpart FFFF, as appropriate.	☐ Yes ☐ No
9.	The application area includes process wastewater streams, located at new sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	☐ Yes ☐ No
10.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. *If the response to Question VIII.AA.10 is "Yes," go to Question VIII.AA.24.*	☐ Yes ☐ No
11.	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. *If the response to Question VIII.AA.11 is "No," go to Question VIII.AA.13.*	☐ Yes ☐ No
12.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐ Yes ☐ No
13.	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.	☐ 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)		
	AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
14.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.AA.13 and VIII.AA.14 are both "No," go to Question VIII.AA.20.*	☐ Yes ☐ No
15.	Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). *If the response to Question VIII.AA.15 is "No," go to Question VIII.AA.17.*	☐ Yes ☐ No
16.	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.	☐ Yes ☐ No
17.	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. *If the response to Question VIII.AA.17 is "No," go to Question VIII.AA.19.*	☐ Yes ☐ No
18.	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.	☐ Yes ☐ No
19.	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.	☐ Yes ☐ No
20.	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.	☐ Yes ☐ No
21.	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. *If the response to Question VIII.AA.21 is "No," go to Question VIII.AA.24.*	☐ Yes ☐ No
22.	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.	☐ 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)**	
AA.	**Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)**	
23.	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.	☐ Yes ☐ No
24.	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). *If the response to Question VIII.AA.24 is "No," go to Section VIII.BB.*	☐ Yes ☐ No
25.	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). *If the response to Question VIII.AA.25 is "No," go to Section VIII.BB.*	☐ Yes ☐ No
26.	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.	☐ Yes ☐ No
27.	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.	☐ Yes ☐ No
28.	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.	☐ Yes ☐ No

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BB.	**Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.**	
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.	☐ Yes ☒ No
CC.	**Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation**	
1.	The application area includes a facility at which a site remediation is conducted. *If the answer to Question VIII.CC.1 is "No," go to Section VIII.DD.*	☐ Yes ☒ No
2.	The application area is located at a site that is a major source of HAP. *If the answer to Question VIII.CC.2 is "No," go to Section VIII.DD.*	☐ Yes ☐ No
3.	All site remediations qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). *If the answer to Question VIII.CC.3 is "Yes," go to Section VIII.DD.*	☐ Yes ☐ No
4.	All site remediation activities are complete, and the Administrator has been notified in writing. *If the answer to Question VIII.CC.4 is "Yes," go to Section VIII.DD.*	☐ Yes ☐ No
5.	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. *If the answer to Question VIII.CC.5 is "Yes," go to Section VIII.DD.*	☐ Yes ☐ No
6.	The site remediation will be completed within 30 consecutive calendar days.	☐ Yes ☐ No
7.	No site remediation will exceed 30 consecutive calendar days. *If the answer to Question VIII.CC.7 is "Yes," go to Section VIII.DD.*	☐ Yes ☐ No
8.	Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	☐ Yes ☐ No
9.	All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. *If the answer to Question VIII.CC.9 is "Yes," go to Section VIII.DD.*	☐ 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)**	
	CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)	
10.	The application area includes a remediation material management unit used for cleanup of radioactive mixed waste per § 63.7886(c).	☐ Yes ☐ No
11.	The application area includes a remediation material management unit or combination of units with a total annual quantity of HAP less than 1 Mg/yr that is being exempted from § 63.7886(b) per § 63.7886(d).	☐ Yes ☐ No
12.	The application area includes a remediation material management unit that has an average total VOHAP concentration of remediation material less than 500 ppmw and is complying with § 63.7886(b)(2). *If the response to Question VIII.CC.12 is "No," go to Question VIII.CC.14.*	☐ Yes ☐ No
13.	The application area includes a remediation material management unit that concentrates all or part of the material such that the material's VOHAP concentration could increase.	☐ Yes ☐ No
14.	The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. *If the response to Question VIII.CC.14 is "No," go to Question VIII.CC.21.*	☐ Yes ☐ No
15.	The application area includes containers that are also subject to and complying with another subpart under 40 CFR part 61 or part 63 per § 63.7886(b)(3).	☐ Yes ☐ No
16.	The application area includes containers that are complying with alternative work practice standards that have been approved by the EPA per § 63.7900(e).	☐ Yes ☐ No
17.	The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	☐ Yes ☐ No
18.	The application area includes containers with a capacity greater than 0.46 m^3 that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	☐ Yes ☐ No
19.	The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	☐ Yes ☐ No
20.	The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	☐ Yes ☐ No
21.	The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	☐ 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)**	
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. *If the response to Question VIII.DD.1 is "No," go to Section VIII.EE.*	☐ Yes ☒ No
2.	The EAF steelmaking facility is a research and development facility. *If the response to Question VIII.DD.2 is "Yes," go to Section VIII.EE.*	☐ Yes ☐ No
3.	Metallic scrap is utilized in the EAF.	☐ Yes ☐ No
4.	Scrap containing motor vehicle scrap is utilized in the EAF.	☐ Yes ☐ No
5.	Scrap not containing motor vehicle scrap is utilized in the EAF.	☐ Yes ☐ No
EE.	**Subpart BBBBBB - 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. *If the answer to Question EE.1 is "No," go to Section VIII.FF.*	☐ Yes ☒ No
2.	The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	☐ Yes ☐ No
3.	The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	☐ 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)**	
EE.	**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)**	
4.	The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. *If the answer to Question VIII.EE.4 is "No," go to Question VIII.EE.6.*	☐ Yes ☐ 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).	☐ Yes ☐ No
6.	The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC. *If the answer to Question VIII.EE.6 is "No," go to Section VIII.FF.*	☐ Yes ☐ No
7.	The bulk gasoline terminal has throughput of less than 250,000 gallons per day. *If the answer to Question VIII.EE.7 is "Yes," go to Section VIII.FF.*	☐ Yes ☐ No
8.	The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	☐ Yes ☐ No
9.	The bulk gasoline terminal loads gasoline into railcar cargo tanks. *If the answer to Question VIII.EE.9 is "No," go to Section VIII.FF.*	☐ Yes ☐ No
10.	The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	☐ 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)**		
	EE.	**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)**	
	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.	☐ Yes ☐ No
	FF.	**Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities**	
♦	1.	The application area is located at a site that is an area source of hazardous air pollutants. *If the answer to Question VIII.FF.1 is "No," go to Section VIII.GG.*	☐ Yes ☒ No
♦	2.	The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. *If the answer to Question VIII.FF.2 is "No," go to Section VIII.GG.*	☐ Yes ☐ No
♦	3.	The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	☐ Yes ☐ 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.	☐ Yes ☐ No
	GG.	**Recently Promulgated 40 CFR Part 63 Subparts**	
♦	1.	The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. *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.*	☒ Yes ☐ No
♦	2.	Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	
Subpart MM, Subpart JJJJ, Subpart ZZZZ, and Subpart DDDDD			

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IX.	**Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions**		
	A.	**Applicability**	
♦	1.	The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.	☒ Yes ☐ No
	X.	**Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone**	
	A.	**Subpart A - Production and Consumption Controls**	
♦	1.	The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.	☐ Yes ☒ No ☐ N/A
	B.	**Subpart B - Servicing of Motor Vehicle Air Conditioners**	
♦	1.	Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.	☒ Yes ☐ NO
	C.	**Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances**	
♦	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.	☐ Yes ☒ No ☐ N/A
	D.	**Subpart D - Federal Procurement**	
♦	1.	The application area is owned/operated by a department, agency, or instrumentality of the United States.	☐ Yes ☒ No ☐ N/A
	E.	**Subpart E - The Labeling of Products Using Ozone Depleting Substances**	
♦	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.	☐ Yes ☒ No ☐ N/A
♦	2.	The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.	☐ Yes ☒ No ☐ 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.	☐ Yes ☒ No ☐ N/A

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X.	**Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)**		
	F.	**Subpart F - Recycling and Emissions Reduction**	
♦	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.	☒ Yes ☐ No
♦	2.	Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.	☐ Yes ☒ No ☐ N/A
♦	3.	The application area manufactures appliances or refrigerant recycling and recovery equipment.	☐ Yes ☒ No ☐ N/A
	G.	**Subpart G - Significant New Alternatives Policy Program**	
♦	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. *If the response to Question X.G.1 is "No" or "N/A," go to Section X.H.*	☐ Yes ☒ No ☐ 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).	☐ Yes ☐ No ☐ N/A
	H.	**Subpart H -Halon Emissions Reduction**	
♦	1.	Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.	☒ Yes ☐ No ☐ N/A
♦	2.	Disposal of halons or manufacturing of halon blends is conducted in the application area.	☒ Yes ☐ No ☐ N/A
XI.	**Miscellaneous**		
	A.	**Requirements Reference Tables (RRT) and Flowcharts**	
	1.	The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart.	☒ Yes ☐ No

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XI.	**Miscellaneous (continued)**		
	B.	**Forms**	
♦	1.	The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. *If the response to Question XI.B.1 is "No" or "N/A," go to Section XI.C.*	☒ Yes ☐ No ☐ 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.	
40 CFR 63 Subpart JJJJ, 40 CFR 63 Subpart DDDDD			
	C.	**Emission Limitation Certifications**	
♦	1.	The application area includes units for which federally enforceable emission limitations have been established by certification.	☐ Yes ☒ No
	D.	**Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements**	
	1.	The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	☐ Yes ☒ No
	2.	The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	☐ Yes ☒ 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. *If the response to Question XI.D.3 is "Yes," please include a copy of the approval document with the application.*	☒ Yes ☐ 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. *If the response to Question XI.D.4 is "Yes," please include a copy of the approval document with the application.*	☐ Yes ☒ No

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XI.	Miscellaneous (continued)	
E.	**Title IV - Acid Rain Program**	
1.	The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program.	☐ Yes ☒ No
2.	The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.	☐ Yes ☒ No
3.	The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.	☐ Yes ☒ No
F.	**40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO_X Ozone Season Group 2 Trading Program**	
1.	The application area includes emission units subject to the requirements of the CSAPR NO_X Ozone Season Group 2 Trading Program. *If the response to Question XI.F.1 is "No," go to Question XI.F.7.*	☐ Yes ☒ No
2.	The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO_X and heat input.	☐ Yes ☐ 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_X, and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	☐ Yes ☐ 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_X, and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	☐ Yes ☐ 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_X and heat input.	☐ Yes ☐ 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_X and heat input.	☐ Yes ☐ No
7.	The application area includes emission units that qualify for the CSAPR NO_X Ozone Season Group 2 retired unit exemption.	☐ Yes ☒ No

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XI.	Miscellaneous (continued)	
G.	**40 CFR Part 97, Subpart FFFFF - Texas SO_2 Trading Program**	
1.	The application area includes emission units complying with the requirements of the Texas SO_2 Trading Program. *If the response to Question XI.G.1 is "No," go to Question XI.G.6.*	☐ Yes ☒ No
2.	The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO_2 and 40 CFR Part 75, Subpart H for heat input.	☐ Yes ☐ 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_2 and heat input.	☐ Yes ☐ 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_2 and heat input.	☐ Yes ☐ 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_2 and heat input.	☐ Yes ☐ No
6.	The application area includes emission units that qualify for the Texas SO_2 Trading Program retired unit exemption.	☐ Yes ☒ No
H.	**Permit Shield (SOP Applicants Only)**	
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.	☒ Yes ☐ No

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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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
	J.	**Title 30 TAC Chapter 101, Subchapter H**	
♦	1.	The application area is located in a nonattainment area. *If the response to Question XI.J.1 is "No," go to Question XI.J.3.*	☐ Yes ☒ No
♦	2.	The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	☐ Yes ☐ No ☐ N/A
♦	3.	The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	☐ Yes ☒ No ☐ N/A

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XI.	**Miscellaneous (continued)**		
	J.	**Title 30 TAC Chapter 101, Subchapter H (continued)**	
♦	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_X. *If the response to Question XI.J.4 is "Yes," go to Question XI.J.6.*	☐ Yes ☒ No
♦	5.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities previously had a collective uncontrolled design capacity to emit 10 tpy or more of NO_X and is subject to 101.351(c).	☐ Yes ☒ No
	6.	The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	☐ Yes ☒ No
♦	7.	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.	☐ Yes ☒ No
♦	8.	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.	☐ Yes ☒ No
	K.	**Periodic Monitoring**	
♦	1.	The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application. *If the response to Question XI.K.1 is "Yes," go to Section XI.L.*	☐ Yes ☒ No
♦	2.	The permit currently contains at least one periodic monitoring requirement. *If the responses to Questions XI.K.1 and XI.K.2 are both "No," go to Section XI.L.*	☒ Yes ☐ No
♦	3.	All periodic monitoring requirements are being removed from the permit with this application.	☐ Yes ☒ 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. *If the response to Question XI.L.1 is "No," go to Section XI.M.*	☒ Yes ☐ No
♦	2.	The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. *If the response to Question XI.L.2 is "No," go to Section XI.M.*	☒ Yes ☐ No
♦	3.	The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	☒ Yes ☐ 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. *If the responses to Questions XI.L.3 and XI.L.4 are both "No," go to Section XI.M.*	☒ Yes ☐ 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.	☐ Yes ☒ 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).	☒ Yes ☐ 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). *If the response to Question XI.L.8 is "Yes," go to Section XI.M.*	☒ Yes ☐ No

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XI.	**Miscellaneous (continued)**		
	L.	**Compliance Assurance Monitoring (continued)**	
♦	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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
♦	12.	The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.	☐ Yes ☐ No
	M.	**Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times**	
♦	1.	The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004. *If the response to Question XI.M.1 is "No," or "N/A," go to Section XII.*	☐ Yes ☒ No ☐ 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.	☐ Yes ☐ No
XII.	**New Source Review (NSR) Authorizations**		
	A.	**Waste Permits with Air Addendum**	
♦	1.	The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. *If the response to XII.A.1 is "Yes," include the waste permit numbers and issuance date in Section XII.J.*	☐ Yes ☒ No

Date	Permit No.	Regulated Entity No.
07/15/2025	*O1378*	*RN100543115*

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XII.	**New Source Review (NSR) Authorizations (continued)**		
	B.	**Air Quality Standard Permits**	
♦	1.	The application area includes at least one Air Quality Standard Permit NSR authorization. *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.*	☒ Yes ☐ No
♦	2.	The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617.	☒ Yes ☐ No
♦	3.	The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.	☐ Yes ☒ 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.	☐ Yes ☒ 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.	☐ Yes ☒ No
♦	6.	The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.	☐ Yes ☒ 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.	☐ Yes ☒ No
	8.	The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ No
	9.	The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ No
	10.	The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ No

Date	Permit No.	Regulated Entity No.
07/15/2025	*O1378*	*RN100543115*

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XII.	**New Source Review (NSR) Authorizations (continued)**		
	B.	**Air Quality Standard Permits (continued)**	
♦	11.	The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ No
♦	12.	The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. *If the response to XII.B.12 is "No," go to Question XII.B.15.*	☐ Yes ☒ No
♦	13.	For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	☐ Yes ☐ No
♦	14.	For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	☐ Yes ☐ No
♦	15.	The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ No
♦	16.	The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ No
	C.	**Flexible Permits**	
	1.	The application area includes at least one Flexible Permit NSR authorization.	☐ Yes ☒ No
	D.	**Multiple Plant Permits**	
	1.	The application area includes at least one Multi-Plant Permit NSR authorization.	☐ Yes ☒ No

Date	Permit No.	Regulated Entity No.
07/15/2025	*O1378*	*RN100543115*

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XII. NSR Authorizations (Attach additional sheets if necessary for sections XII.E-J.)

E. PSD Permits and PSD Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):
PSDTX778M2	*11/15/2022*	*VOC, PM/PM¬10, SO2, NOX, CO, H2S, TRS, H2SO4*	Most recent issuance date is 02/21/2023		

If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

F. Nonattainment (NA) Permits and NA Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):

If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

G. NSR Authorizations with FCAA § 112(g) Requirements

NSR Permit No.	Issuance Date	NSR Permit No.	Issuance Date	NSR Permit No	Issuance Date

Date	Permit No.	Regulated Entity No.
07/15/2025	*O1378*	*RN100543115*

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XII. NSR Authorizations (continued) - (Attach additional sheets if necessary for sections XII.E-J.)

♦ **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**

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
2975	*03/01/2018* Most recent issuance date is 02/21/2023				
86706	*03/01/2018* this is a PBR registration				

♦ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area**

A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
PBR No.: 106.227	09/04/2000	PBR No.: 106.265	09/04/2000	PBR No.: 106.476	09/04/2000
PBR No.: 106.261	03/14/1997	PBR No.: 106.321	09/04/2000	PBR No.: 106.511	09/04/2000
PBR No.: 106.261	12/24/1998	PBR No.: 106.371	09/04/2000	PBR No.: 106.512	06/13/2001
PBR No.: 106.261	11/01/2003	PBR No.: 106.393	09/04/2000	PBR No.: 106.532	09/04/2000
PBR No.: 106.262	03/14/1997	PBR No.: 106.412	09/04/2000	PBR No.: 031	05/05/1976
PBR No.: 106.262	12/24/1998	PBR No.: 106.454	11/01/2001	PBR No.: 046	05/08/1972
PBR No.: 106.262	11/01/2003	PBR No.: 106.472	09/04/2000		
PBR No.: 106.263	11/01/2001	PBR No.: 106.473	09/04/2000		

♦ **J. Municipal Solid Waste and Industrial Hazardous Waste Permits with an Air Addendum**

Permit No.	Issuance Date	Permit No.	Issuance Date	Permit No.	Issuance Date

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.
07/15/2025	*O1378*	*RN100543115*

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	3	SVPTANK	OP-UA3	*SVPTANK / Single-Vessell Process Tank / Installation of a new dump tank for the single-vessel process (SVP) chlorine dioxide generator.*		106.472/09/04/2000	
A	4	SPG	OP-REQ2	*SPG / Shock Pulse Generators / Two new shock pulse generators installed on PB01 to reduce energy usage.*		106.183/09/04/2000	
A	5	WPEMERGEN	OP-UA2	*WPEMERGEN / Emergency Water Treatment Plant Engine PBR.*		106.511/09/04/2000	
A	9	BP0368	OP-UA3	*BP0368 / Hydrogen Peroxide Tank / New Hydrogen Peroxide Tank was installed with the associated piping to convey the H2O2 to the foul condensate line.*		106.262/11/01/2003[168914]	

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

Date: ***02/01/2025***	
Permit No.: ***O1378***	
Regulated Entity No.: ***RN100543115***	
Company Name: ***Graphic Packaging International, LLC***	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA?	☒ YES ☐ NO
I. Application Type	
Indicate the type of application:	
☒ Renewal	
☐ Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
☐ Significant Revision	
☐ Revision Requesting Prior Approval	
☐ Administrative Revision	
☐ Response to Reopening	
II. Qualification Statement	
For SOP Revisions Only	☒ YES ☐ NO
For GOP Revisions Only	☐ YES ☒ 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_X	☒ SO_2	☒ PM_{10}	☒ 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: ***02/01/2025***
Permit No.: ***O1378***
Regulated Entity No.: ***RN100543115***
Company Name: ***Graphic Packaging International, 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-C	NO	FOT	OP-UA3	NSR Permit Nos. 2975 and PSDTX778M2	The Fuel Oil Tank (EPN FOT) is no longer used for fuel oil and has been repurposed as a spare liquor tank.
2	SIG-B	NO	GRP-CONC	OP-MON	N/A	Remove operating limit for GRP-CONC CAM. ?
3	MS-C	YES	SVPTANK	OP-UA3	PBR 106.472	Installation of a new dump tank for the single-vessel process (SVP) chlorine dioxide generator.
4	MS-C	YES	SPG	OP-REQ2	PBR 106.183	Two new shock pulse generators installed on PB01 to reduce energy usage.
5	MS-C	YES	WPEMERGEN	OP-UA2	PBR 106.511	Emergency Water Treatment Plant Engine PBR
6	MS-A	NO	BP16	OP-UA15	NSR Permit No. 2975	Alteration to the existing NSR permit to change the packing size in the A-line Bleach Plant Scrubber (EPN BP16).

7	**MS-A**	**NO**	**FIREPMPNO**	**OP-UA2**	**PBR 106.511**	**North Diesel fire pump engine replacement**
8	**MS-A**	**NO**	**FIREPMP4**	**OP-UA2**	**PBR 106.511**	**South Diesel fire pump engine replacement**
9	**MS-C**	**YES**	**BP0368**	**OP-UA3**	**PBR 106.262**	**New Hydrogen Peroxide Tank was installed with the associated piping to convey the H2O2 to the foul condensate line**
10	**SIG-B**	**NO**	**SM01**	**OP-MON**	**N/A**	**Updating operating limit for SM01 CAM to match the most recent performance testing data.**
11	**SIG-B**	**NO**	**SM02**	**OP-MON**	**N/A**	**Updating operating limit for SM02 CAM to match the most recent performance testing data.**
12	**SIG-B**	**NO**	**LK01**	**OP-MON**	**N/A**	**Updating operating limit for LK01 CAM to match the most recent performance testing data.**

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

Date: ***02/01/2025***		
Permit No.: ***O1378***		
Regulated Entity No.: ***RN100543115***		
Company Name: ***Graphic Packaging International, LLC***		
I.	**Significant Revision** *(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)*	
A.	Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	☐ YES ☒ NO
B.	Indicate the alternate language(s) in which public notice is required: ***Spanish***	
C.	Will, there be a change in air pollutant emissions as a result of the significant revision?	☐ YES ☒ NO

Major NSR Summary Table

Permit Numbers 2975 and PSDTX778M2					Issuance Date: February 21, 2023		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lb/hr	**TPY (4)**	**Special Condition/Application Information**	**Special Condition/Application Information**	**Special Condition/Application Information**
SM01	No. 1 Smelt Tank Scrubber	PM	10.90	47.74	4, 6, 21, 25	4, 21, 25, 28	4
		PM_{10}	10.90	47.74			
		$PM_{2.5}$	10.90	47.74			
		VOC (note a)	1.37	6.02			
		SO_2	3.28	14.37			
		H_2SO_4	0.15	0.66			
		TRS (note b)	1.80	7.88			
		NO_X	1.80	7.88			
		NH_3	2.51	8.99			
SM02	No. 2 Smelt Tank Scrubber	PM	19.85	86.94	3, 4, 6, 21, 25	3, 4, 21, 25, 28	3, 4
		PM_{10}	19.85	86.94			
		$PM_{2.5}$	19.85	86.94			
		VOC	2.50	10.95			
		SO_2	6.78	29.70			
		H_2SO_4	0.31	1.36			
		TRS	3.28	14.35			
		NO_X	3.28	14.35			

Major NSR Summary Table

Permit Numbers 2975 and PSDTX778M2					Issuance Date: February 21, 2023		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lb/hr	**TPY (4)**	**Special Condition/Application Information**	**Special Condition/Application Information**	**Special Condition/Application Information**
		NH_3	4.57	16.37			
LK01** (A^1)	Lime Kiln No. 1	PM	27.60	99.80	4, 6, 21, 23, 25	4, 21, 23, 25, 28	4, 23
		PM_{10}	27.60	99.80			
		$PM_{2.5}$	27.60	99.80			
		VOC	2.20	8.10			
		SO_2	2.30	8.40			
		H_2SO_4	0.06	0.13			
		TRS	2.60	9.30			
		NO_X	18.90	49.50			
		CO	6.80	14.20			
PB01*** (A^1, A^2)	No. 1 Power Boiler (Natural Gas and Fuel Oil Firing)	PM	61.21	185.22	4, 5, 6, 9, 21, 24, 25	4, 5, 21, 24, 25, 28	4, 5, 24
		PM_{10}	61.21	185.22			
		$PM_{2.5}$	61.21	185.22			
		VOC	8.26	16.70			
		NO_X	567.60	1717.69			
		SO_2	841.20	1328.25			
		CO	264.88	801.59			

Major NSR Summary Table

Permit Numbers 2975 and PSDTX778M2					Issuance Date: February 21, 2023		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lb/hr	**TPY (4)**	**Special Condition/Application Information**	**Special Condition/Application Information**	**Special Condition/Application Information**
		H_2SO_4	4.03	4.43			
		TRS	0.67	0.26			
LK02** (A[1])	Lime Kiln No. 2	PM	26.30	115.19	4, 6, 21, 23, 25	4, 21, 23, 25, 28	4, 23
		PM_{10}	26.30	115.19			
		$PM_{2.5}$	26.30	115.19			
		NO_X	38.91	145.90			
		SO_2	1.20	5.26			
		H_2SO_4	0.25	1.07			
		CO	4.44	19.45			
		TRS	2.50	10.95			
		VOC	4.00	17.52			
PB02**** (A[1], A[2], A[3])	Power Boiler No. 2 (including MSS) (note c)	PM	108.70	466.58	3, 4, 5, 7, 21, 23, 25, 27	3, 4, 5, 21, 23, 25, 27, 28	3, 4, 5, 23
		PM_{10}	108.70	466.58			
		$PM_{2.5}$	108.70	466.58			
		VOC	54.81	237.80			
		NO_X	326.10	1399.75			
		SO_2	770.00	780.66			

Major NSR Summary Table

Permit Numbers 2975 and PSDTX778M2					Issuance Date: February 21, 2023		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lb/hr	**TPY (4)**	**Special Condition/Application Information**	**Special Condition/Application Information**	**Special Condition/Application Information**
		CO	1102.55	4732.57			
		H_2SO_4	16.57	71.02			
		TRS	1.66	6.74			
RB01A** (A^1, A^2)	No. 1 Recovery Furnace North Stack (Normal ops)	PM	26.58	116.43	3, 4, 6, 21, 23, 25	3, 4, 21, 23, 25, 28	3, 4, 23
		PM_{10}	26.58	116.43			
		$PM_{2.5}$	26.58	116.43			
		VOC	13.13	57.52			
		NO_X	63.12	276.45			
		SO_2	210.94	307.98			
		H_2SO_4	9.69	14.14			
		CO	122.97	538.61			
		TRS	1.87	8.19			
RB01A** (A^4)	No. 1 Recovery Furnace North Stack (MSS)	PM	52.00	0.65	6, 21, 23	21, 23, 28	23
		PM_{10}	52.00	0.65			
		$PM_{2.5}$	52.00	0.65			
RB01B** (A^1, A^2)	No. 1 Recovery Furnace South Stack (Normal Ops)	PM	26.58	116.43	3, 4, 6, 21, 23, 25	3, 4, 21, 23, 25, 28	3, 4, 23
		PM_{10}	26.58	116.43			

Major NSR Summary Table

Permit Numbers 2975 and PSDTX778M2					Issuance Date: February 21, 2023		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lb/hr	**TPY (4)**	**Special Condition/Application Information**	**Special Condition/Application Information**	**Special Condition/Application Information**
		$PM_{2.5}$	26.58	116.43			
		VOC	13.13	57.52			
		NO_X	63.12	276.45			
		SO_2	210.94	307.98			
		H_2SO_4	9.69	14.14			
		CO	122.97	538.61			
		TRS	1.87	8.19			
RB01B** (A[4])	No. 1 Recovery Furnace South Stack (MSS)	PM	52.00	0.65	6, 21, 23	21, 23, 28	23
		PM_{10}	52.00	0.65			
		$PM_{2.5}$	52.00	0.65			
RB02A** (A[1], A[2])	No. 2 Recovery Furnace West Stack (Normal Ops)	PM	42.59	177.23	3, 4, 6, 21, 23, 25	3, 4, 21, 23, 25, 28	3, 4, 23
		PM_{10}	42.59	177.23			
		$PM_{2.5}$	42.59	177.23			
		VOC	23.92	99.51			
		NO_X	112.42	467.76			
		SO_2	375.71	521.11			
		H_2SO_4	17.25	23.93			

Major NSR Summary Table

Permit Numbers 2975 and PSDTX778M2					Issuance Date: February 21, 2023		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lb/hr	**TPY (4)**	**Special Condition/Application Information**	**Special Condition/Application Information**	**Special Condition/Application Information**
		CO	219.02	911.34			
		TRS	3.33	13.86			
RB02A** (A[4])	No. 2 Recovery Furnace West Stack (MSS)	PM	79.00	0.99	6, 21, 23	21, 23, 28	23
		PM_{10}	79.00	0.99			
		$PM_{2.5}$	79.00	0.99			
RB02B** (A[1], A[2])	No. 2 Recovery Furnace East Stack (Normal Ops)	PM	42.59	177.23	3, 4, 6, 21, 23, 25	3, 4, 21, 23, 25, 28	3, 4, 23
		PM_{10}	42.59	177.23			
		$PM_{2.5}$	42.59	177.23			
		VOC	23.92	99.51			
		NO_X	112.42	467.76			
	PM -P-007 & PM-P-008	SO_2	375.71	521.11			
		H_2SO_4	17.25	23.93			
		CO	219.02	911.34			
		TRS	3.33	13.86			
RB02B** (A[4])	No. 2 Recovery Furnace East Stack (MSS)	PM	79.00	0.99	6, 21, 23	21, 23, 28	23
		PM_{10}	79.00	0.99			
		$PM_{2.5}$	79.00	0.99			

Major NSR Summary Table

Permit Numbers 2975 and PSDTX778M2					Issuance Date: February 21, 2023		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lb/hr	**TPY (4)**	**Special Condition/Application Information**	**Special Condition/Application Information**	**Special Condition/Application Information**
BG01 (A[1])	Lime System Baghouse No. 1	PM	0.06	0.21	7, 25	25, 28	
		PM_{10}	0.06	0.21			
		$PM_{2.5}$	0.06	0.21			
BG02 (A[1])	Lime System Baghouse No. 2	PM	0.10	0.44	7, 25	25, 28	
		PM_{10}	0.10	0.44			
		$PM_{2.5}$	0.10	0.44			
LS01	No. 1 Lime Slaker	PM	0.02	0.08	7, 25	25, 28	
		PM_{10}	0.02	0.08			
		$PM_{2.5}$	0.02	0.08			
		VOC	0.39	1.41			
		NH_3	9.39	33.63			
LS02	No. 2 Lime Slaker	PM	0.02	0.10	7, 25	25, 28	
		PM_{10}	0.02	0.10			
		$PM_{2.5}$	0.02	0.10			
		VOC	0.68	2.99			
		NH_3	17.10	61.24			
BP0351 (A[5])	Methanol Storage Tank	CH_3OH	19.03	0.73		28	

Major NSR Summary Table

Permit Numbers 2975 and PSDTX778M2					Issuance Date: February 21, 2023		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lb/hr	**TPY (4)**	**Special Condition/Application Information**	**Special Condition/Application Information**	**Special Condition/Application Information**
BP0368 (A^5)	Hydrogen Peroxide Tank	H_2O_2	2.21	0.09		28	
NCG01 (A^1, A^3)	NCG Oxidation Unit Scrubber	PM	2.57	9.19	3, 4, 6, 16, 21, 25	3, 4, 21, 25, 28	3, 4
		PM_{10}	2.57	9.19			
		$PM_{2.5}$	2.57	9.19			
		VOC (note a)	1.10	3.95			
		NO_X	5.57	19.96			
		SO_2	15.84	69.37			
		CO	9.94	35.61			
		H_2SO_4	6.01	26.28			
		TRS	0.99	4.36			
NCG02 (A^5)	Combined Contaminated Condensate Tank	TRS	<0.10	0.40		28	
NCGF1	NCG Fugitives (4)	TRS	0.36	1.56		28	
DIG1	Batch Digester Fugitives (4)	VOC	4.80	19.19		28	
		TRS	0.87	3.46			
WWTS1 (A^6, A^7)	Waste Water Treatment Fugitives (4)	VOC	348.16	740.78		28	
		TRS	22.82	81.72			
BP14#		Cl_2	0.07	0.32	4, 8, 15, 21, 25	4, 15, 21, 25, 28	4

Major NSR Summary Table

Permit Numbers 2975 and PSDTX778M2					Issuance Date: February 21, 2023		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lb/hr	**TPY (4)**	**Special Condition/Application Information**	**Special Condition/Application Information**	**Special Condition/Application Information**
	B-Line Bleach Plant Scrubber (North)(5)	ClO_2	4.23	18.51			
		CO	29.22	117.37			
		VOC	3.06	12.28			
		TRS	0.09	0.37			
BP15#	B-Line Bleach Plant Scrubber (South)(5)	Cl_2	0.07	0.32	4, 8, 15, 21, 25	4, 15, 21, 25, 28	4
		ClO_2	4.23	18.51			
		CO	29.22	117.37			
		VOC	3.06	12.28			
		TRS	0.09	0.37			
BP16#	A-Line Bleach Plant Scrubber (5)	Cl_2	0.20	0.86	4, 8, 15, 21, 25	4, 15, 21, 25, 28	4
		ClO_2	11.31	49.51			
		CO	39.00	117.37			
		VOC	4.17	12.28			
		TRS	0.12	0.37			
BP01	Bleach Plant Fugitives (4)	Cl_2	0.20	1.00		28	
		ClO_2	0.20	1.00			
CLT01 (A^5)		VOC	0.11	0.48		28	

Major NSR Summary Table

Permit Numbers 2975 and PSDTX778M2					Issuance Date: February 21, 2023		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lb/hr	**TPY (4)**	**Special Condition/Application Information**	**Special Condition/Application Information**	**Special Condition/Application Information**
	No. 1 Concentrated Liquor Storage Tank (5)	TRS	0.19	0.84			
CLT02 (A[5])	No. 2 Concentrated Liquor Storage Tank (5)	VOC	0.11	0.48		28	
		TRS	0.19	0.84			
WLT01 (A[5])	No. 1 Weak Liquor Storage Tank (5)	VOC	0.54	2.37		28	
		TRS	0.12	0.51			
WLT02 (A[5])	No. 2 Weak Liquor Storage Tank (5)	VOC	0.54	2.34		28	
		TRS	0.12	0.51			
HLT01 (A[5])	No. 1 Strong/Heavy Liquor Storage Tank (5)	VOC	0.11	0.48		28	
		TRS	0.19	0.84			
HLT02 (A[5])	No. 2 Storage/Heavy Liquor Storage Tank (5)	VOC	0.11	0.48		28	
		TRS	0.19	0.84			
SCT01 (A[5])	No. 1 Soap Conc. Tank (5)	VOC	0.03	0.12		28	
		TRS	0.05	0.21			
SCT02 (A[5])	No. 2 Soap Conc. Tank (5)	VOC	0.03	0.12		28	
		TRS	0.05	0.21			
SS01 (A[5])	No. 1 Soap Separator (5)	VOC	0.03	0.12		28	
		TRS	0.05	0.21			

Major NSR Summary Table

Permit Numbers 2975 and PSDTX778M2					Issuance Date: February 21, 2023		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lb/hr	**TPY (4)**	**Special Condition/Application Information**	**Special Condition/Application Information**	**Special Condition/Application Information**
SS02 (A[5])	No. 2 Soap Separator (5)	VOC	0.03	0.12		28	
		TRS	0.05	0.21			
SST01 (A[5])	No. 1 Soap Storage Tank (5)	VOC	0.03	0.12		28	
		TRS	0.05	0.21			
SST02 (A[5])	No. 2 Soap Storage Tank (5)	VOC	0.03	0.12		28	
		TRS	0.05	0.21			
BLDF01 (A[5])	Black Liquor Digester Fill Tank (5)	VOC	0.54	2.37		28	
		TRS	0.12	0.51			
CT01 (A[5])	Spill Collection Tank (5)	VOC	0.54	2.37		28	
		TRS	0.12	0.51			
ST01 (A[5])	Swing Tank (5)	VOC	0.54	2.37		28	
		TRS	0.12	0.51			
SLST01 (A[5])	No. 1 Spare Liquor Storage Tank (5)	VOC	0.54	2.37		28	
		TRS	0.12	0.51			
SLST02 (A[5])	No. 2 Spare Liquor Storage Tank (5)	VOC	0.54	2.37		28	
		TRS	0.12	0.51			
SLST03 (A[5])		VOC	0.54	2.37		28	

Major NSR Summary Table

Permit Numbers 2975 and PSDTX778M2					Issuance Date: February 21, 2023		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lb/hr	**TPY (4)**	**Special Condition/Application Information**	**Special Condition/Application Information**	**Special Condition/Application Information**
	No. 3 Spare Liquor Storage Tank (5)	TRS	0.12	0.51			
BOT01 (A[5])	Evaporator Boil Out Tank (5)	VOC	0.11	0.48		28	
		TRS	0.19	0.84			
DT01 (A[5])	Black Liquor Dump Tank (5)	VOC	0.54	2.37		28	
		TRS	0.12	0.51			
WLSC01 (A[5])	Weak Liquor Soap Conc. Tank (5)	VOC	0.03	0.12		28	
		TRS	0.05	0.21			
FOT (A[5])	Fuel Oil Tank (5)	VOC	1.52	6.64		28	
		TRS	0.19	0.84			
CPFUG (note d)	Caustic Plant Fugitives (4)	NH_3	7.31	26.17		28	
		VOC	16.25	68.30			
		TRS	3.18	13.91			
CP01 (A[5])	No. 1 Causticizer Tanks (5)	NH_3	2.59	9.28		28	
		VOC	0.01	0.03			
CP02 (A[5])	No. 2 Causticizer Tank (5)	NH_3	4.72	16.89		28	
		VOC	0.01	0.06			
WLOXT1 (A[5])		NH_3	0.10	0.44		28	

Major NSR Summary Table

Permit Numbers 2975 and PSDTX778M2					Issuance Date: February 21, 2023		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lb/hr	**TPY (4)**	**Special Condition/Application Information**	**Special Condition/Application Information**	**Special Condition/Application Information**
	White Liquor Oxidation Tank (5)	VOC	0.26	1.16			
		TRS	0.56	2.45			
KNCONV	A-and B-Line Knotter Conveyor (4)	VOC	0.01	0.04		28	
AQS	A-Line Quaternary Screen (4)	VOC	<0.01	0.01		28	
		TRS	<0.01	<0.01			
BQS	B-Line Quaternary Screen (4)	VOC	0.01	0.03		28	
		TRS	<0.01	<0.01			
ASDT (A[5])	A-Line Screen Dilution Tank (5)	VOC	0.01	0.02		28	
		TRS	<0.01	<0.01			
BSDT (A[5])	B-Line Screen Dilution Tank (5)	VOC	<0.01	0.01		28	
		TRS	<0.01	<0.01			
ADHV1/ADSP1	A-Line Decker Hood Vent and A-Line Decker Seal Pit Vent (5)	VOC	9.24	27.20		28	
		TRS	4.06	11.95			
BDHV1/BDSP1	B-Line Decker Hood Vent and B-Line Decker Seal Pit Vent (5)	VOC	13.55	54.41		28	
		TRS	5.95	23.89			
CPS1 (note e)	Chip/Bark Handling Fugitives (4)	PM	3.35	13.59	7	28	
		PM_{10}	1.58	6.43			

Major NSR Summary Table

Permit Numbers 2975 and PSDTX778M2					Issuance Date: February 21, 2023		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lb/hr	**TPY (4)**	**Special Condition/Application Information**	**Special Condition/Application Information**	**Special Condition/Application Information**
		$PM_{2.5}$	1.58	6.43			
REJBIN2	Reject Bin	CH_3OH	0.03	0.10		28	
LOG-1A	Log Processing 1A (4)	PM	0.73	3.20	7	28	
		PM_{10}	0.22	0.96			
		$PM_{2.5}$	0.22	0.96			
HDST1 (A^5)	No. 1 Brown Stock High Density Stock Tank (5)	VOC	4.80	21.02		28	
		TRS	0.44	1.94			
HDST2 (A^5)	No. 2 Brown Stock High Density Stock Tank (5)	VOC	4.80	21.02		28	
		TRS	0.44	1.94			
ALDST (A^5)	A-Line Low Density Chest (5)	VOC	4.80	21.02		28	
		TRS	0.44	1.94			
BLDST (A^5)	B-Line Low Density Chest (5)	VOC	4.80	21.02		28	
		TRS	0.44	1.94			
AWTST (A^5)	A-Line Waste Stock Chest (5)	VOC	4.80	21.02		28	
		TRS	0.44	1.94			
BWTST (A^5)	B-Line Waste Stock Chest (5)	VOC	4.80	21.02		28	
		TRS	0.44	1.94			

Major NSR Summary Table

Permit Numbers 2975 and PSDTX778M2					Issuance Date: February 21, 2023		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lb/hr	**TPY (4)**	**Special Condition/Application Information**	**Special Condition/Application Information**	**Special Condition/Application Information**
(note f)	Extruder No. 5 Vents and Fugitives (4)	PM	3.18	13.91	7	28	
		PM_{10}	3.18	13.91			
		$PM_{2.5}$	3.18	13.91			
		VOC	2.07	9.05			
		NO_X	0.29	1.29			
		CO	0.25	1.08			
		SO_2	<0.01	0.01			
(note f)	Extruder No. 7 Vents and Fugitives (4)	PM	3.18	13.92	7	28	
		PM_{10}	3.18	13.92			
		$PM_{2.5}$	3.18	13.92			
		VOC	2.07	9.05			
		NO_X	0.30	1.33			
		CO	0.26	1.12			
		SO_2	<0.01	0.01			
(note g)	Nos. 1 and 3 Paper Machines and Dryer Exhaust (5)	PM	0.19	0.83	7	28	
		PM_{10}	0.19	0.83			
		$PM_{2.5}$	0.19	0.83			

Major NSR Summary Table

Permit Numbers 2975 and PSDTX778M2					Issuance Date: February 21, 2023		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lb/hr	**TPY (4)**	**Special Condition/Application Information**	**Special Condition/Application Information**	**Special Condition/Application Information**
		VOC	8.74	38.27			
		NO_X	2.50	10.93			
		CO	2.10	9.18			
		SO_2	0.01	0.07			
TNK0115, TNK0116, and TNK0175 (A[1])	Starch Silo Nos. 1 -3	PM	0.02	0.02	7	28	
		PM_{10}	0.02	0.02			
		$PM_{2.5}$	0.02	0.02			
PAINTYD (A[8])	Sitewide Painting Activities (4)	PM	70.31	32.72	7	28	
		PM_{10}	70.31	32.72			
		$PM_{2.5}$	70.31	32.72			
		VOC	96.05	28.94			
BSS1 – BSS5 (A[5])	Nos. 1-5 Bleached Stock Storage Tanks (4)	VOC	0.04	0.17		28	
(note h)	Paper Machine Tanks and Chests (4)	VOC	0.16	0.68		28	
HVLC-1	HVLC Vent	VOC	157.78	23.09		28	
		CO	3.19	0.51			
		TRS	33.30	4.77			
AWSST (A[5])		VOC	0.72	3.16		28	

Major NSR Summary Table

Permit Numbers 2975 and PSDTX778M2					Issuance Date: February 21, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	A-Line Washed Stock Chest (5)	TRS	0.28	1.21			
BWSST (A[5])	B-Line Washed Stock Chest (5)	VOC	0.74	3.26		28	
		TRS	0.28	1.21			

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.
(2) Specific point source name. For fugitive sources use area name or fugitive source name.
(3) PM - particulate matter, suspended in the atmosphere, including PM_{10}
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
Emissions of $PM_{2.5}$ is added to the Maximum Allowable Emission Rates Table (MAERT) upon issuance of the permit. These emissions were previously quantified and authorized as PM or PM_{10}, but were not speciated in the MAERT.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code §101.1
SO_2 - sulfur dioxide
H_2SO_4 - sulfuric acid
TRS - total reduced sulfur
NO_x - nitrogen oxides
NH_3 - ammonia
Cl_2 - chlorine
ClO_2 - chlorine dioxide (chlorine peroxide)
CO - carbon monoxide
H_2S - hydrogen sulfide
CH_3OH - methanol
H_2O_2 - hydrogen peroxide
$CHCl_3$ - chloroform
$CHBrCl_2$ - bromodichloromethane
(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
(5) The VOC and TRS emission rates for this point are considered to be estimates only and are not intended to be enforceable limits.
(6) Planned startup and shutdown emissions are included, as well as planned maintenance activities identified as part of permit alteration issued on April 24, 2013.
A[1] Emissions from planned startup and shutdown activities included.
A[2] Emissions from soot blowing included.
A[3] Emissions from control device for evaporator and concentrators boil outs included.
A[4] Emissions from planned MSS activities included.

A[5] Emissions from draining/degassing included.
A[6] Emissions from dredging and other maintenance (e.g., ponds and collection system) included.
A[7] Emissions from maintenance throughout the mill included.
A[8] Emissions from maintenance painting included.

From: Camilla Widenhofer
To: John.T.Fussell@graphicpkg.com
Subject: Technical Review - O1378 Graphic Packaging International LLC (Renewal, 37920)
Date: Wednesday, June 18, 2025 6:53:00 AM
Attachments: SOP - O1378 Graphic Packaging International (Renewal, 37920).docx

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I have been assigned to the Federal Operating Permit (FOP) renewal/revision/ application of Permit No. O1378 for Graphic Packaging International LLC/Texarkana Mill. This application has been assigned Project No. 37920. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

I have conducted a technical review of the application, and an electronic copy of the Working Draft Permit (WDP) is attached for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided. Please review the WDP and submit to me any comments you have by **July 15, 2025.** Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP.

In addition to your review of the WDP, please note the following:

- Submit form OP-PBRSUP. This form is required for all renewal applications for facilities with claimed and/or registered PBRs.
- OP-REQ1.XI.B.1 & 2 indicates that there is a standard permit associated with this facility, but none was found in TECQ's database, so no terms and conditions were added for pollution control standard permits.
- OP-REQ1.XI.L.5 & 6 indicates the facility is submitting a CAM implementation plan and schedule for NCG01, LK01, SM01, and SM02, but none was found in the application. Please verify whether you plan to submit a CAM implementation plan and schedule.
- Please add the current NSR Permit 2975 condition numbers that reflect the monitoring, recordkeeping, and reporting requirements in the attached Major NSR Summary Table.

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

Please notify me when these updates have been submitted.

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

Please review the “SOP Technical Review Fact Sheet” located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf. This guidance contains important information regarding the review process and application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

-Camilla

Camilla Widenhofer
TCEQ Air Permits Division
P.O. Box 13087, MC 163
Austin, TX 78753
Phone: (512)239-1028
Fax: (512)239-1300
camilla.widenhofer@tceq.texas.gov

How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Graphic Packaging International, LLC

AUTHORIZING THE OPERATION OF
Texarkana Mill
Pulp Mills

LOCATED AT
Cass County, Texas
Latitude 33° 15′ 21″ Longitude 94° 4′ 17″
Regulated Entity Number: RN100543115

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

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

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

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

Permit No: O1378 Issuance Date: _____

_____
For the Commission

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General Terms and Conditions

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

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

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

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

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

Special Terms and Conditions:

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

1. Permit holder shall comply with the following requirements:

    A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.

    B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.

    C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.

    D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.

    E. Emission units subject to 40 CFR Part 63, Subparts S, MM, JJJJ, ZZZZ, or DDDDD as identified in the attached Applicable Requirements Summary table are subject to 30 TAC

Chapter 113, Subchapter C, § 113.240, § 113.440, § 113.930, § 113.1090, or § 113.1130 which incorporates the 40 CFR Part 63 Subparts by reference.

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

   A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements

   B. Title 30 TAC § 101.3 (relating to Circumvention)

   C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ

   D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ

   E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)

   F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)

   G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)

   H. Title 30 TAC § 101.221 (relating to Operational Requirements)

   I. Title 30 TAC § 101.222 (relating to Demonstrations)

   J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)

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

   A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972, that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:

      (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)

      (ii) Title 30 TAC § 111.111(a)(1)(E)

      (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)

      (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that

does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

(1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.

(2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.

(3) Records of all observations shall be maintained.

(4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(5) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is

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

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

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

(i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)

(iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

(1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

C. For visible emissions from all other sources not specified in 30 TAC § 111.111(a)(1), (4), or (7); the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)

(iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

(1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile away from each source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer

visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

D. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.

E. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).

F. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:

(i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)

(ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)

(iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)

G. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:

(i) Title 30 TAC § 111.205 (relating to Exception for Fire Training)

(ii) Title 30 TAC § 111.207 (relating to Exception for Recreation, Ceremony, Cooking, and Warmth)

(iii) Title 30 TAC § 111.209 (relating to Exception for Disposal Fires)

(iv) Title 30 TAC § 111.219 (relating to General Requirements for Allowable Outdoor Burning)

(v) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)

4. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter C requirements:

A. When filling gasoline storage vessels with a nominal capacity greater than 1,000 gallons (Stage I) at motor vehicle fuel dispensing facilities, which have dispensed less than 100,000 gallons of gasoline in any calendar month after October 31, 2014, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:

(i) Title 30 TAC § 115.222(3) (relating to Control Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors

(ii) Title 30 TAC § 115.222(6) (relating to Control Requirements)

(iii) Title 30 TAC § 115.224(1) (relating to Inspection Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors

(iv) Title 30 TAC § 115.226(2)(B) (relating to Recordkeeping Requirements)

5. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:

A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)

B. Title 40 CFR § 60.8 (relating to Performance Tests)

C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)

D. Title 40 CFR § 60.12 (relating to Circumvention)

E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)

F. Title 40 CFR § 60.14 (relating to Modification)

G. Title 40 CFR § 60.15 (relating to Reconstruction)

H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)

6. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 61, unless otherwise stated in the applicable subpart:

A. Title 40 CFR § 61.05 (relating to Prohibited Activities)

B. Title 40 CFR § 61.07 (relating to Application for Approval of Construction or Modification)

C. Title 40 CFR § 61.09 (relating to Notification of Start-up)

D. Title 40 CFR § 61.10 (relating to Source Reporting and Request Waiver)

E. Title 40 CFR § 61.12 (relating to Compliance with Standards and Maintenance Requirements)

F. Title 40 CFR § 61.13 (relating to Emissions Tests and Waiver of Emission Tests)

G. Title 40 CFR § 61.14 (relating to Monitoring Requirements)

H. Title 40 CFR § 61.15 (relating to Modification)

I. Title 40 CFR § 61.19 (relating to Circumvention)

7. For the National Emissions Standards for Asbestos specified in 40 CFR Part 61, Subpart M, the permit holder shall comply with the following requirements:

8. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.

9. For pulp and paper manufacturing facilities subject to hazardous air pollutant emission standards in 40 CFR Part 63, Subpart S, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.240 incorporated by reference):

A. Title 40 CFR § 63.440(d) (relating to Applicability), for applicable compliance dates

B. Title 40 CFR § 63.440(d)(1) (relating to Applicability), for compliance dates applicable to kraft pulping systems

10. For the individual drain systems specified in 40 CFR Part 63, Subpart RR, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.490 incorporated by reference):

A. Title 40 CFR § 63.962(a), (a)(1), (a)(2), (a)(3)(i) - (ii), (b)(1), (b)(2), (b)(2)(i)(A) - (B), (b)(2)(ii), (b)(3)(i), (b)(3)(ii)(A), (b)(3)(ii)(B)(1) - (3), (b)(4), and (b)(5)(i) - (iii) (relating to Standards)

B. Title 40 CFR § 63.964(a)(1)(i)(A) - (B), (a)(1)(ii) - (iv), (a)(2), (b)(1) - (2) (relating to Inspection and Monitoring Requirements)

C. Title 40 CFR § 63.965(a), (a)(1) - (3), (b) (relating to Recordkeeping Requirements)

D. Title 40 CFR § 63.966 (relating to Reporting Requirements)

Additional Monitoring Requirements

11. Unless otherwise specified, the permit holder shall comply with the compliance assurance monitoring requirements as specified in the attached “CAM Summary” upon issuance of the permit. In addition, the permit holder shall comply with the following:

A. For units NCG01, LK01, SM01, and SM02, the permit holder shall comply with the compliance assurance monitoring requirements, as specified in the attached “CAM Summary,” within 180 days from issuance of this permit. This “CAM Schedule” requires

the permit holder to install, test, or perform final verification of the operational status of the monitoring, contained in the attached "CAM Summary," within 180 days.

B. The permit holder shall comply with the terms and conditions contained in 30 TAC § 122.147 (General Terms and Conditions for Compliance Assurance Monitoring).

C. The permit holder shall report, consistent with the averaging time identified in the "CAM Summary," deviations as defined by the deviation limit in the "CAM Summary." Any monitoring data below a minimum limit or above a maximum limit, that is collected in accordance with the requirements specified in 40 CFR § 64.7(c), shall be reported as a deviation. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

D. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "CAM Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances in order to avoid reporting deviations. All monitoring data shall be collected in accordance with the requirements specified in 40 CFR § 64.7(c).

E. The permit holder shall operate the monitoring, identified in the attached "CAM Summary," in accordance with the provisions of 40 CFR § 64.7.

F. The permit holder shall comply with the requirements of 40 CFR § 70.6(a)(3)(ii)(A) and 30 TAC § 122.144(1)(A)-(F) for documentation of all required inspections.

G. Start of operation of the monitoring specified in the "CAM Summary" after the 180 day "CAM Schedule" shall be reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

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

New Source Review Authorization Requirements

13. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated MON DAY, YYYY in the application for project 37920), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions

referenced in the New Source Review Authorization References attachment. These requirements:

A. Are incorporated by reference into this permit as applicable requirements

B. Shall be located with this operating permit

C. Are not eligible for a permit shield

14. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.

15. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

Compliance Requirements

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

17. Use of Discrete Emission Credits to comply with the applicable requirements:

A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:

(i) Title 30 TAC Chapter 115

(ii) Title 30 TAC Chapter 117

(iii) If applicable, offsets for Title 30 TAC Chapter 116

(iv) Temporarily exceed state NSR permit allowables

B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:

(i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)

(ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4

(iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)

(iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122

(v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Risk Management Plan

18. For processes subject to 40 CFR Part 68 and specified in 40 CFR § 68.10, the permit holder shall comply with the requirements of the Accidental Release Prevention Provisions in 40 CFR Part 68. The permit holder shall submit to the appropriate agency either a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR § 68.10(a), or as part of the compliance certification submitted under this permit, a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of a risk management plan.

Protection of Stratospheric Ozone

19. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone:

A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.

B. Any on site servicing, maintenance, and repair of fleet vehicle air conditioning using ozone-depleting refrigerants shall be conducted in accordance with 40 CFR Part 82, Subpart B. Permit holders shall ensure that repairs or refrigerant removal are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart B.

C. The permit holder shall comply with 40 CFR Part 82, Subpart H related to Halon Emissions Reduction requirements as specified in 40 CFR § 82.250 - § 82.270 and the applicable Part 82 Appendices.

Temporary Fuel Shortages (30 TAC § 112.15)

20. The permit holder shall comply with the following 30 TAC Chapter 112 requirements:

A. Title 30 TAC § 112.15 (relating to Temporary Fuel Shortage Plan Filing Requirements)

B. Title 30 TAC § 112.16(a), (a)(1), and (a)(2)(B) - (C) (relating to Temporary Fuel Shortage Plan Operating Requirements)

C. Title 30 TAC § 112.17 (relating to Temporary Fuel Shortage Plan Notification Procedures)

D. Title 30 TAC § 112.18 (relating to Temporary Fuel Shortage Plan Reporting Requirements)

Alternative Requirements

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

Permit Location

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

Permit Shield (30 TAC § 122.148)

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

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Alternative Requirement

Applicable Requirements Summary

Unit Summary **15**

Applicable Requirements Summary **26**

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

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
BP14	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
BP15	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
BP16	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
CTRW-1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
DIG-16	KRAFT PULP MILLS	N/A	60BB-01	40 CFR Part 60, Subpart BB	Control Device ID = NCG01
DIG-16	KRAFT PULP MILLS	N/A	60BB-02	40 CFR Part 60, Subpart BB	Control Device ID = PB02
EX7LAM1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
FIREPMP4	SRIC ENGINES	N/A	60IIII-01	40 CFR Part 60, Subpart IIII	No changing attributes.
FIREPMP4	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
FIREPMPNO	SRIC ENGINES	N/A	60IIII-01	40 CFR Part 60, Subpart IIII	No changing attributes.
FIREPMPNO	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRP-CONC	KRAFT PULP MILLS	CONC01, CONC02	60BB-01	40 CFR Part 60, Subpart BB	Control Device ID = NCG01

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-CONC	KRAFT PULP MILLS	CONC01, CONC02	60BB-02	40 CFR Part 60, Subpart BB	Control Device ID = PB02
GRP-DIGEST	KRAFT PULP MILLS	DIG-1, DIG-10, DIG-11, DIG-12, DIG-13, DIG-14, DIG-15, DIG-2, DIG-3, DIG-4, DIG-5, DIG-6, DIG-7, DIG-8, DIG-9, TNK 0058, TNK 0059, TNK 0166, TNK 0362	REG2-01	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
GRP-EX	SURFACE COATING OPERATIONS	EX5, EX7	63JJJJ-1	40 CFR Part 63, Subpart JJJJ	No changing attributes.
GRP-MEES	KRAFT PULP MILLS	MEES01, MEES02	REG2-01	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
LF-FUG	MSW / WASTE DISPOSAL SITE	N/A	61M-01	40 CFR Part 61, Subpart M	No changing attributes.
LK01	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-01	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
LK01	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
LK01	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	REG2-01	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
LK01	KRAFT PULP MILLS	N/A	REG2-01	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
LK01	KRAFT PULP MILLS	N/A	63MM-01	40 CFR Part 63, Subpart MM	Kraft or Soda Source Alternative = The source at an existing kraft or

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					soda pulp mill operates 6,300 hours per year or more and is complying with the requirements of 40 CFR § 63.862(a)(1)(ii).
LK01	KRAFT PULP MILLS	N/A	63MM-02	40 CFR Part 63, Subpart MM	Kraft or Soda Source Alternative = The source at an existing kraft or soda pulp mill either operates less than 6,300 hours per year or operates 6,300 hours per year or more and is complying with the requirements of 40 CFR § 63.862(a)(1)(i).
LK02	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-01	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
LK02	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
LK02	KRAFT PULP MILLS	N/A	REG2-01	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
LK02	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	REG2-01	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
LK02	KRAFT PULP MILLS	N/A	63MM-01	40 CFR Part 63, Subpart MM	Kraft or Soda Source Alternative = The source at an existing kraft or soda pulp mill operates 6,300 hours per year or more and is complying with the requirements of 40 CFR § 63.862(a)(1)(ii).

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
LK02	KRAFT PULP MILLS	N/A	63MM-02	40 CFR Part 63, Subpart MM	Kraft or Soda Source Alternative = The source at an existing kraft or soda pulp mill either operates less than 6,300 hours per year or operates 6,300 hours per year or more and is complying with the requirements of 40 CFR § 63.862(a)(1)(i).
LKENG1	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
LKENG2	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
PB01	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit., Opacity Monitoring System = A continuous emissions monitoring system (CEMS) capable of measuring the opacity of emissions is installed in the vent in accordance with 30 TAC § 111.111(a)(1)(C).
PB01	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-02	30 TAC Chapter 111, Visible Emissions	Vent Source = The source of the vent is a steam generator that burns oil or a mixture of oil and gas., Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					does not qualify for the exemption in § 111.111(a)(3).
PB01	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	REG2-01	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
PB01	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-01	40 CFR Part 63, Subpart DDDDD	No changing attributes.
PB02	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-01	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
PB02	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB02	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	REG2-01	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
PB02	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60D-01A	40 CFR Part 60, Subpart D	D-Series Fuel Type #2 = Natural gas., D-Series Fuel Type #1 = Wood residue., D-Series Fuel Type #3 = Non fossil fuel other than wood residue.
PB02	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60D-01B	40 CFR Part 60, Subpart D	D-Series Fuel Type #1 = Liquid fossil fuel., Opacity Monitoring = Continuous opacity monitoring system for measuring the opacity of emissions.
PB02	INCINERATOR	N/A	61E-01	40 CFR Part 61, Subpart E	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
PB02	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-01	40 CFR Part 63, Subpart DDDDD	No changing attributes.
PRO-BLEACH	PULP PAPER PAPERBOARD PRODUCING PROCESS	N/A	63S-1	40 CFR Part 63, Subpart S	No changing attributes.
PRO-FCOND	PULP PAPER PAPERBOARD PRODUCING PROCESS	N/A	63S-1	40 CFR Part 63, Subpart S	No changing attributes.
PRO-HVLC	PULP PAPER PAPERBOARD PRODUCING PROCESS	N/A	63S-1	40 CFR Part 63, Subpart S	Control Device at Kraft, Soda, or Semi-chemical Process = Reduce total HAP emissions using a boiler or recovery furnace with a heat input capacity greater than or equal to 44 megawatts by introducing the HAP emission stream with the combustion air.
PRO-HVLC	PULP PAPER PAPERBOARD PRODUCING PROCESS	N/A	63S-2	40 CFR Part 63, Subpart S	Control Device at Kraft, Soda, or Semi-chemical Process = Reduce total HAP emissions using a boiler, lime kiln, or recovery furnace by introducing the HAP emission stream with the primary fuel or into the flame zone.
PRO-LVHC	PULP PAPER PAPERBOARD PRODUCING PROCESS	N/A	63S-1	40 CFR Part 63, Subpart S	Control Device at Kraft, Soda, or Semi-chemical Process = Reduce the total HAP concentration at the outlet of the thermal oxidizer to 20 parts per million or less by volume, corrected to 10 percent oxygen on a dry basis.
PRO-LVHC	PULP PAPER	N/A	63S-2	40 CFR Part 63, Subpart S	Control Device at Kraft, Soda, or

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	PAPERBOARD PRODUCING PROCESS				Semi-chemical Process = Reduce total HAP emissions using a boiler, lime kiln, or recovery furnace by introducing the HAP emission stream with the primary fuel or into the flame zone.
RB01	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	REG2-01	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
RB01	KRAFT PULP MILLS	N/A	60BB-01	40 CFR Part 60, Subpart BB	No changing attributes.
RB01	KRAFT PULP MILLS	N/A	63MM-01	40 CFR Part 63, Subpart MM	Kraft or Soda Source Alternative = The source at an existing kraft or soda pulp mill operates 6,300 hours per year or more and is complying with the requirements of 40 CFR § 63.862(a)(1)(ii).
RB01	KRAFT PULP MILLS	N/A	63MM-02	40 CFR Part 63, Subpart MM	Kraft or Soda Source Alternative = The source at an existing kraft or soda pulp mill either operates less than 6,300 hours per year or operates 6,300 hours per year or more and is complying with the requirements of 40 CFR § 63.862(a)(1)(i).
RB01A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-01	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
RB01A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
RB01B	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-01	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
RB01B	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
RB02	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	REG2-01	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
RB02	KRAFT PULP MILLS	N/A	60BB-01	40 CFR Part 60, Subpart BB	No changing attributes.
RB02	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Db-01	40 CFR Part 60, Subpart Db	No changing attributes.
RB02	KRAFT PULP MILLS	N/A	63MM-01	40 CFR Part 63, Subpart MM	Kraft or Soda Source Alternative = The source at an existing kraft or soda pulp mill operates 6,300 hours per year or more and is complying with the requirements of 40 CFR § 63.862(a)(1)(ii).
RB02	KRAFT PULP MILLS	N/A	63MM-02	40 CFR Part 63, Subpart MM	Kraft or Soda Source Alternative = The source at an existing kraft or soda pulp mill either operates less than 6,300 hours per year or operates 6,300 hours per year or more and is complying with the requirements of 40 CFR § 63.862(a)(1)(i).
RB02A	EMISSION POINTS/STATIONARY	N/A	R1151-01	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	VENTS/PROCESS VENTS				
RB02A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
RB02B	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-01	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
RB02B	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
SM01	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-01	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
SM01	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
SM01	KRAFT PULP MILLS	N/A	REG2-01	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
SM01	KRAFT PULP MILLS	N/A	63MM-01	40 CFR Part 63, Subpart MM	Kraft or Soda Source Alternative = The source at an existing kraft or soda pulp mill operates 6,300 hours per year or more and is complying with the requirements of 40 CFR § 63.862(a)(1)(ii).

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
SM01	KRAFT PULP MILLS	N/A	63MM-02	40 CFR Part 63, Subpart MM	Kraft or Soda Source Alternative = The source at an existing kraft or soda pulp mill either operates less than 6,300 hours per year or operates 6,300 hours per year or more and is complying with the requirements of 40 CFR § 63.862(a)(1)(i).
SM02	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-01	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
SM02	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
SM02	KRAFT PULP MILLS	N/A	60BB-01	40 CFR Part 60, Subpart BB	No changing attributes.
SM02	KRAFT PULP MILLS	N/A	63MM-01	40 CFR Part 63, Subpart MM	Kraft or Soda Source Alternative = The source at an existing kraft or soda pulp mill operates 6,300 hours per year or more and is complying with the requirements of 40 CFR § 63.862(a)(1)(ii).
SM02	KRAFT PULP MILLS	N/A	63MM-02	40 CFR Part 63, Subpart MM	Kraft or Soda Source Alternative = The source at an existing kraft or soda pulp mill either operates less than 6,300 hours per year or operates 6,300 hours per year or more and is complying with the requirements of 40 CFR § 63.862(a)(1)(i).

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
TNK0115	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
TNK0116	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
WPEMENG	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
BP14	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
BP15	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
BP16	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
CTRW-1	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
DIG-16	EU	60BB-01	TRS	40 CFR Part 60, Subpart BB	§ 60.283(a)(1)(iii)	No gases containing TRS over 5 ppmv, corrected to 10% O2 shall be discharged from the listed units, unless they are burned with other waste gases in the specified devices under the stated conditions.	§ 60.284(b) § 60.284(b)(1) § 60.284(d)(3)(ii) § 60.284(f) § 60.285(a)	§ 60.284(b)(1)	§ 60.284(d)(3)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
DIG-16	EU	60BB-02	TRS	40 CFR Part 60, Subpart BB	§ 60.283(a)(1)(iii)	No gases containing TRS over 5 ppmv, corrected to 10% O2 shall be discharged from the listed units, unless they are burned with other waste gases in the specified devices under the stated conditions.	§ 60.284(b) § 60.284(b)(1) § 60.284(d)(3)(ii) § 60.284(f) § 60.285(a)	§ 60.284(b)(1)	§ 60.284(d)(3)(ii)
EX7LAM1	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
FIREPMP4	EU	60IIII-01	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4205(f) § 60.4206 § 60.4207(b) § 60.4211(e) § 60.4211(e)(1) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and a displacement of less than 30 liters per cylinder must comply with an CO emission limit of 3.5 g/KW-hr, as listed in Table 4 to this subpart.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
FIREPMP4	EU	60IIII-01	NMHC and NO_X	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4205(f) § 60.4206 § 60.4207(b) § 60.4211(e) § 60.4211(e)(1) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with an NMHC+NOx emission limit of 4.0 g/KW-hr, as listed in Table 4 to this subpart.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FIREPMP4	EU	60IIII-01	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4205(f) § 60.4206 § 60.4207(b) § 60.4211(e) § 60.4211(e)(1) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as listed in Table 4 to this subpart.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
FIREPMP4	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
FIREPMPNO	EU	60IIII-01	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4205(f) § 60.4206 § 60.4207(b) § 60.4211(e) § 60.4211(e)(1) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and a displacement of less than 30 liters per	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						cylinder must comply with an CO emission limit of 3.5 g/KW-hr, as listed in Table 4 to this subpart.			
FIREPMPNO	EU	60IIII-01	NMHC and NO_X	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4205(f) § 60.4206 § 60.4207(b) § 60.4211(e) § 60.4211(e)(1) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with an NMHC+NOx emission limit of 4.0 g/KW-hr, as listed in Table 4 to this subpart.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
FIREPMPNO	EU	60IIII-01	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4205(f) § 60.4206 § 60.4207(b) § 60.4211(e) § 60.4211(e)(1) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as listed in Table 4 to this subpart.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
FIREPMPNO	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.			
GRP-CONC	EU	60BB-01	TRS	40 CFR Part 60, Subpart BB	§ 60.283(a)(1)(iii)	No gases containing TRS over 5 ppmv, corrected to 10% O2 shall be discharged from the listed units, unless they are burned with other waste gases in the specified devices under the stated conditions.	§ 60.284(b) § 60.284(b)(1) § 60.284(d)(3)(ii) § 60.284(f) § 60.285(a) ** See CAM Summary	§ 60.284(b)(1)	§ 60.284(d)(3)(ii)
GRP-CONC	EU	60BB-02	TRS	40 CFR Part 60, Subpart BB	§ 60.283(a)(1)(iii)	No gases containing TRS over 5 ppmv, corrected to 10% O2 shall be discharged from the listed units, unless they are burned with other waste gases in the specified devices under the stated conditions.	§ 60.284(b) § 60.284(b)(1) § 60.284(d)(3)(ii) § 60.284(f) § 60.285(a)	§ 60.284(b)(1)	§ 60.284(d)(3)(ii)
GRP-DIGEST	EU	REG2-01	TRS	30 TAC Chapter 112, Sulfur Compounds	§ 112.51(b)(2)	Digester system, multiple-effect evaporator system, or condensate stripper system shall not exceed 5 ppm TRS, as H2S on a dry basis, corrected to 8% O2 unless gases are burned as specified.	§ 112.51(c) § 112.55 [G]§ 112.57(a) [G]§ 112.57(b) [G]§ 112.57(c)	[G]§ 112.57(c)	§ 112.59

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-EX	PRO	63JJJJ-1	112(B) HAPS	40 CFR Part 63, Subpart JJJJ	§ 63.3320(a) § 63.3320(b)(2) § 63.3320(c)	Organic HAP emissions must be limited to no more than 4 percent of the mass of coating materials applied for each month at existing affected sources.	§ 63.3360(a)(1) § 63.3360(c) § 63.3360(c)(3) § 63.3360(c)(4) § 63.3370(a)(1)(i) [G]§ 63.3370(b)	§ 63.3410(a) § 63.3410(a)(1) § 63.3410(a)(1)(iii) § 63.3410(a)(1)(vi)	§ 63.3400(a) § 63.3400(b)(1) § 63.3400(b)(3) § 63.3400(b)(4) § 63.3400(c) [G]§ 63.3400(c)(1) § 63.3400(c)(2)(i) § 63.3400(c)(2)(ii) § 63.3400(c)(2)(iii) § 63.3400(c)(2)(iv) § 63.3400(c)(2)(v)(A) § 63.3400(c)(2)(v)(B) § 63.3400(e)
GRP-MEES	EU	REG2-01	TRS	30 TAC Chapter 112, Sulfur Compounds	§ 112.51(b)(2)	Digester system, multiple-effect evaporator system, or condensate stripper system shall not exceed 5 ppm TRS, as H2S on a dry basis, corrected to 8% O2 unless gases are burned as specified.	§ 112.51(c) § 112.55 [G]§ 112.57(a) [G]§ 112.57(b) [G]§ 112.57(c)	[G]§ 112.57(c)	§ 112.59
LF-FUG	PRO	61M-01	112(B) HAPS	40 CFR Part 61, Subpart M	[G]§ 61.154(c) [G]§ 61.154(b) § 61.154(e)(3) § 61.154(g)	Either meet the no visible emissions requirements of §61.154(a) or cover any asbestos-containing waste material per the methods specified.	None	[G]§ 61.154(e)(1) § 61.154(e)(4) § 61.154(f) § 61.154(i)	[G]§ 61.153(a)(5) § 61.153(b) § 61.154(e)(2) § 61.154(h) § 61.154(i) [G]§ 61.154(j)
LK01	EP	R1151-01	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
LK01	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
LK01	EU	REG2-01	SO_2	30 TAC Chapter 112, Sulfur Compounds	§ 112.9(a)	No person may cause, suffer, allow, or permit emissions of SO2 from any liquid fuel-fired steam generator, furnace, or heater to exceed 440 ppmv at actual stack conditions and averaged over 3-hours.	§ 112.2(a) ** See Periodic Monitoring Summary	§ 112.2(c)	§ 112.2(b)
LK01	EU	REG2-01	TRS	30 TAC Chapter 112, Sulfur Compounds	§ 112.51(b)(3)	Lime kilns shall not exceed 20 ppm TRS as H2S on a dry basis corrected to 10% O2.	§ 112.51(c) § 112.55 [G]§ 112.57(a) [G]§ 112.57(b) [G]§ 112.57(c)	[G]§ 112.57(c)	§ 112.59
LK01	EU	63MM-01	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(ii) § 63.860(d) § 63.862(a)(1)(ii)(A) § 63.862(a)(1)(ii)(B) § 63.862(a)(1)(ii)(C) [G]§ 63.862(a)(1)(ii)(D) § 63.864(k)(1) § 63.864(k)(1)(ii) § 63.864(k)(2) § 63.864(k)(2)(iv) § 63.864(k)(3) § 63.865(a)(1) § 63.865(a)(2) § 63.865(a)(2)(iv) § 63.867(b)(4)	Instead of 63.862(a)(1)(i) kraft or soda pulp mill may have PM emissions limits for existing kraft or soda recovery furnace, smelt dissolving tank, and lime kiln that operates 6300 hrs/yr or more.	§ 63.860(d) § 63.864(e)(10) § 63.864(e)(10)(i) § 63.864(e)(10)(ii) § 63.864(f) § 63.864(h) [G]§ 63.864(j) § 63.864(k)(1) § 63.864(k)(1)(ii) § 63.864(k)(2) § 63.864(k)(2)(iv) § 63.864(k)(3) § 63.865 § 63.865(a)(1) § 63.865(a)(2) § 63.865(a)(2)(iii) § 63.865(a)(2)(iv) § 63.865(a)(2)(v) [G]§ 63.865(b)	§ 63.864(e)(10) § 63.866(b) § 63.866(c) § 63.866(c)(2) § 63.866(c)(3) § 63.866(c)(4) § 63.866(c)(5) [G]§ 63.866(d)	§ 63.867(a)(1) § 63.867(b)(1) § 63.867(b)(2) § 63.867(b)(3) § 63.867(b)(3)(i) § 63.867(b)(3)(ii) § 63.867(b)(3)(iii) § 63.867(b)(4) § 63.867(c) § 63.867(c)(1) [G]§ 63.867(c)(3) § 63.867(c)(4) [G]§ 63.867(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
LK01	EU	63MM-02	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(i)(C) § 63.860(d) § 63.864(k)(1) § 63.864(k)(1)(ii) § 63.864(k)(2) § 63.864(k)(2)(iv) § 63.864(k)(3) [G]§ 63.866	Each existing kraft or soda lime kiln must have concentration of PM in the exhaust gases discharged to the atmosphere be less than or equal to 0.15 g/dscm correct to 10% oxygen.	§ 63.860(d) § 63.864(e)(10) § 63.864(e)(10)(i) § 63.864(e)(10)(ii) § 63.864(f) § 63.864(h) [G]§ 63.864(j) § 63.864(k)(1) § 63.864(k)(1)(ii) § 63.864(k)(2) § 63.864(k)(2)(iv) § 63.864(k)(3) § 63.865 [G]§ 63.865(b)	§ 63.864(e)(10) § 63.866(b) § 63.866(c) § 63.866(c)(2) § 63.866(c)(3) § 63.866(c)(4) § 63.866(c)(5) [G]§ 63.866(d)	§ 63.867(a)(1) § 63.867(b)(3) § 63.867(b)(3)(i) § 63.867(b)(3)(iii) § 63.867(c) § 63.867(c)(1) [G]§ 63.867(c)(3) § 63.867(c)(4) [G]§ 63.867(d)
LK02	EP	R1151-01	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None
LK02	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
LK02	EU	REG2-01	SO_2	30 TAC Chapter 112, Sulfur Compounds	§ 112.9(a) § 112.9(b)	No person may cause, suffer, allow, or permit emissions of SO2 from any liquid fuel-fired steam generator, furnace, or heater to exceed 440 ppmv	§ 112.2(a) ** See Periodic Monitoring Summary	§ 112.2(c)	§ 112.2(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						at actual stack conditions and averaged over 3-hours.			
LK02	EU	REG2-01	TRS	30 TAC Chapter 112, Sulfur Compounds	§ 112.51(b)(3)	Lime kilns shall not exceed 20 ppm TRS as H2S on a dry basis corrected to 10% O2.	§ 112.51(c) § 112.55 [G]§ 112.57(a) [G]§ 112.57(b) [G]§ 112.57(c)	[G]§ 112.57(c)	§ 112.59
LK02	EU	63MM-01	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(ii) § 63.860(d) § 63.862(a)(1)(ii)(A) § 63.862(a)(1)(ii)(C) [G]§ 63.862(a)(1)(ii)(D) § 63.864(k)(1) § 63.864(k)(1)(ii) § 63.864(k)(2) § 63.864(k)(2)(iv) § 63.864(k)(3) § 63.865(a)(1) [G]§ 63.865(a)(2) § 63.867(b)(4)	Instead of 63.862(a)(1)(i) kraft or soda pulp mill may have PM emissions limits for existing kraft or soda recovery furnace, smelt dissolving tank, and lime kiln that operates 6300 hrs/yr or more.	§ 63.860(d) § 63.864(e)(10) § 63.864(e)(10)(i) § 63.864(e)(10)(ii) § 63.864(f) § 63.864(h) [G]§ 63.864(j) § 63.864(k)(1) § 63.864(k)(1)(ii) § 63.864(k)(2) § 63.864(k)(2)(iv) § 63.864(k)(3) § 63.865 § 63.865(a)(1) [G]§ 63.865(a)(2) [G]§ 63.865(b)	§ 63.864(e)(10) § 63.866(b) § 63.866(c) § 63.866(c)(2) § 63.866(c)(3) § 63.866(c)(4) § 63.866(c)(5) [G]§ 63.866(d)	§ 63.867(a)(1) § 63.867(b)(1) § 63.867(b)(2) [G]§ 63.867(b)(3) § 63.867(b)(4) § 63.867(c) § 63.867(c)(1) [G]§ 63.867(c)(3) § 63.867(c)(4) [G]§ 63.867(d)
LK02	EU	63MM-02	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(i)(C) § 63.860(d) § 63.864(k)(1) § 63.864(k)(1)(ii) § 63.864(k)(2) § 63.864(k)(2)(iv) § 63.864(k)(3) [G]§ 63.866	Each existing kraft or soda lime kiln must have concentration of PM in the exhaust gases discharged to the atmosphere be less than or equal to 0.15 g/dscm correct to 10% oxygen.	§ 63.860(d) § 63.864(e)(10) § 63.864(e)(10)(i) § 63.864(e)(10)(ii) § 63.864(f) § 63.864(h) [G]§ 63.864(j) § 63.864(k)(1) § 63.864(k)(1)(ii) § 63.864(k)(2) § 63.864(k)(2)(iv) § 63.864(k)(3) § 63.865 [G]§ 63.865(b)	§ 63.864(e)(10) § 63.866(b) § 63.866(c) § 63.866(c)(2) § 63.866(c)(3) § 63.866(c)(4) § 63.866(c)(5) [G]§ 63.866(d)	§ 63.867(a)(1) § 63.867(b)(3) § 63.867(b)(3)(i) § 63.867(b)(3)(iii) § 63.867(c) § 63.867(c)(1) [G]§ 63.867(c)(3) § 63.867(c)(4) [G]§ 63.867(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
LKENG1	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table 2c.2 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i)	For each existing non-emergency, non-black start stationary CI RICE with a site rating less than 100 HP, located at a major source, you must comply with the requirements as specified in Table 2c.2.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
LKENG2	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table 2c.2 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i)	For each existing non-emergency, non-black start stationary CI RICE with a site rating less than 100 HP, located at a major source, you must comply with the requirements as specified in Table 2c.2.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
PB01	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period.	§ 111.111(a)(1)(D) [G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	§ 111.111(a)(1)(C) § 111.111(a)(1)(D)	None
PB01	EP	R1111-02	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six-minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB01	EU	REG2-01	SO_2	30 TAC Chapter 112, Sulfur Compounds	§ 112.9(a)	No person may cause, suffer, allow, or permit emissions of SO2 from any liquid fuel-fired steam generator, furnace, or heater to exceed 440 ppmv at actual stack conditions and averaged over 3-hours.	§ 112.2(a) ** See Periodic Monitoring Summary	§ 112.2(c)	§ 112.2(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PB01	EU	63DDDDD-01	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
PB02	EP	R1151-01	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None
PB02	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E) § 111.111(a)(3)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB02	EU	REG2-01	SO_2	30 TAC Chapter 112, Sulfur Compounds	§ 112.9(a)	No person may cause, suffer, allow, or permit emissions of SO2 from any liquid fuel-fired steam generator, furnace, or	§ 112.2(a) § 112.9(d)	§ 112.2(c)	§ 112.2(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						heater to exceed 440 ppmv at actual stack conditions and averaged over 3-hours.			
PB02	EU	60D-01A	NO_X	40 CFR Part 60, Subpart D	§ 60.44(a)(2)	On/after the §60.8 test, no affected facility shall emit gases containing NO_x, expressed as NO_2 in excess of 129 ng/J heat input (0.30 lb/MMBtu) derived from liquid fossil fuel, liquid fossil fuel and wood residue, or gaseous fossil fuel and wood residue.	§ 60.45(a) § 60.45(b)(3) § 60.45(c) § 60.45(c)(1) § 60.45(c)(2) § 60.45(c)(5) [G]§ 60.45(e) [G]§ 60.45(f) § 60.45(g) § 60.45(g)(3) § 60.45(g)(3)(i) § 60.46(a) § 60.46(b)(1) [G]§ 60.46(b)(5) [G]§ 60.46(d)(1) § 60.46(d)(5) § 60.46(d)(6) § 60.46(d)(7)	None	§ 60.45(g)
PB02	EU	60D-01A	PM	40 CFR Part 60, Subpart D	§ 60.42(a)(1)	On/after the §60.8 test, no affected facility shall emit gases containing particulate matter in excess of 43 ng/J heat input (0.10 lb/MMBtu) derived from fossil fuel or fossil fuel and wood residue.	§ 60.46(a) § 60.46(b)(1) [G]§ 60.46(b)(2) [G]§ 60.46(d)(1) § 60.46(d)(2) [G]§ 60.46(d)(3) § 60.46(d)(6) § 60.46(d)(7) ** See CAM Summary	None	None
PB02	EU	60D-01A	PM(OPACITY)	40 CFR Part 60, Subpart D	§ 60.42(a)(2)	On/after the performance tests of §60.8, no affected facility shall emit gases exhibiting greater than 20% opacity except for one six-minute period per hour of not more than 27% opacity.	§ 60.13 **See Alternative Requirement	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PB02	EU	60D-01A	SO2	40 CFR Part 60, Subpart D	§ 60.40(a)	The affected facility burns fuel (such as only gaseous fuels) that has no specific SO2 emission requirements.	§ 60.45(a) § 60.45(c) § 60.45(c)(1) § 60.45(c)(2) § 60.45(c)(5) [G]§ 60.45(e) [G]§ 60.45(f) § 60.45(g) § 60.45(g)(2)(i)	None	§ 60.45(g)
PB02	EU	60D-01B	NO_X	40 CFR Part 60, Subpart D	§ 60.44(a)(2)	On/after the §60.8 test, no affected facility shall emit gases containing NO_x, expressed as NO_2 in excess of 129 ng/J heat input (0.30 lb/MMBtu) derived from liquid fossil fuel, liquid fossil fuel and wood residue, or gaseous fossil fuel and wood residue.	§ 60.45(a) § 60.45(b)(3) § 60.45(c) § 60.45(c)(1) § 60.45(c)(2) § 60.45(c)(3) § 60.45(c)(3)(i) § 60.45(c)(3)(ii) [G]§ 60.45(e) [G]§ 60.45(f) § 60.45(g) § 60.45(g)(3) § 60.45(g)(3)(i) § 60.46(a) § 60.46(b)(1) [G]§ 60.46(b)(5) [G]§ 60.46(d)(1) § 60.46(d)(5) § 60.46(d)(6) § 60.46(d)(7)	None	§ 60.45(g)
PB02	EU	60D-01B	PM	40 CFR Part 60, Subpart D	§ 60.42(a)(1)	On/after the §60.8 test, no affected facility shall emit gases containing particulate matter in excess of 43 ng/J heat input (0.10 lb/MMBtu) derived from fossil fuel or fossil fuel and wood residue.	§ 60.46(a) § 60.46(b)(1) [G]§ 60.46(b)(2) [G]§ 60.46(d)(1) § 60.46(d)(2) [G]§ 60.46(d)(3) § 60.46(d)(6) § 60.46(d)(7) ** See CAM	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							Summary		
PB02	EU	60D-01B	PM(OPACITY)	40 CFR Part 60, Subpart D	§ 60.42(a)(2)	On/after the performance tests of §60.8, no affected facility shall emit gases exhibiting greater than 20% opacity except for one six-minute period per hour of not more than 27% opacity.	§ 60.13(i)(1) **See Alternative Requirement	None	None
PB02	EU	60D-01B	SO_2	40 CFR Part 60, Subpart D	§ 60.43(a)(1)	On/after the §60.8 test, no affected facility shall emit gases containing SO_2 in excess of 340 ng/J heat input (0.80 lb/MMBtu) derived from liquid fossil fuel or liquid fossil fuel and wood residue.	§ 60.45(a) § 60.45(c) § 60.45(c)(1) § 60.45(c)(2) § 60.45(c)(3) § 60.45(c)(3)(i) § 60.45(c)(3)(ii) [G]§ 60.45(e) [G]§ 60.45(f) § 60.45(g) § 60.45(g)(2)(i) § 60.46(a) § 60.46(b)(1) [G]§ 60.46(b)(4) [G]§ 60.46(d)(1) [G]§ 60.46(d)(3) § 60.46(d)(4) § 60.46(d)(6) § 60.46(d)(7)	None	§ 60.45(g)
PB02	EU	61E-01	Mercury	40 CFR Part 61, Subpart E	§ 61.52(b) § 61.54(e)	Emissions from sludge incineration plants, sludge drying plants, or a combination of these that process wastewater treatment plant sludges shall not exceed 3.2 kg (7.1 lb) of mercury per 24-hour period.	[G]§ 61.54(a) [G]§ 61.54(c) § 61.54(d) § 61.54(f)	§ 61.54(g)	§ 61.54(b) § 61.54(e) § 61.54(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PB02	EU	63DDDDD-01	CO	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 2.13.a § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.3 [G]§ 63.7500(a)(1)-Table 3.5 § 63.7500(a)(1)-Table 3.6 § 63.7500(a)(2) § 63.7500(a)(2)-Table 4.7 § 63.7500(a)(2)-Table 4.8 § 63.7500(a)(3) § 63.7500(f) § 63.7505(a) § 63.7505(d) § 63.7505(e) § 63.7530(h) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10) § 63.7540(a)(13) § 63.7540(d)	For existing hybrid suspension grate units with heat input capacity of 10 million Btu per hour or greater designed to burn biomass/bio-based solids, carbon monoxide (not using CEMS alternative) shall not exceed 3500 ppm by volume on a dry basis corrected to 3 percent oxygen, 3-run average, using specified sampling volume or test run duration.	§ 63.7505(c) § 63.7505(d) § 63.7510(a) § 63.7510(a)(1) [G]§ 63.7510(a)(2) § 63.7510(c) § 63.7510(e) § 63.7510(h) § 63.7510(j) § 63.7510(k) § 63.7515(a) § 63.7515(b) § 63.7515(c) § 63.7515(g) § 63.7520(a) § 63.7520(b) [G]§ 63.7520(b)-Table 5.5 § 63.7520(c) § 63.7520(d) § 63.7520(f) § 63.7525(a) § 63.7525(a)(1) [G]§ 63.7525(a)(2) § 63.7525(a)(3) § 63.7530(a) § 63.7530(b) § 63.7530(b)(4) § 63.7530(b)(4)(viii) § 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10)	§ 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(c) [G]§ 63.7555(d) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7515(f) § 63.7530(e) § 63.7530(f) § 63.7540(b) § 63.7540(d) § 63.7545(a) § 63.7545(b) § 63.7545(c) § 63.7545(d) [G]§ 63.7545(e) [G]§ 63.7545(h) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(d) [G]§ 63.7550(h)
PB02	EU	63DDDDD-01	Hydrogen Chloride	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 2.1.a § 63.7500(a)(1)	For existing units in all subcategories with heat input capacity of 10 million	§ 63.7500(a)(2)-Table 4.2 § 63.7505(c)	§ 63.7535(a) § 63.7535(b) § 63.7535(c)	§ 63.7515(f) § 63.7530(e) § 63.7530(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.7500(a)(1)-Table 3.3 [G]§ 63.7500(a)(1)-Table 3.5 § 63.7500(a)(1)-Table 3.6 § 63.7500(a)(2) § 63.7500(a)(2)-Table 4.7 § 63.7500(a)(3) § 63.7500(f) § 63.7505(a) § 63.7505(d) § 63.7505(e) § 63.7530(h) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10) § 63.7540(a)(13) [G]§ 63.7540(a)(3) § 63.7540(a)(4) § 63.7540(d)	Btu per hour or greater designed to burn solid fuel, hydrogen chloride shall not exceed 0.022 lb per MMBtu heat input, using specified sampling volume or test run duration.	§ 63.7505(d) § 63.7510(b) § 63.7510(e) § 63.7510(h) § 63.7510(j) § 63.7510(k) § 63.7515(e) § 63.7515(g) § 63.7521(a) [G]§ 63.7521(b) [G]§ 63.7521(c) [G]§ 63.7521(d) § 63.7521(e) § 63.7530(a) § 63.7530(b) [G]§ 63.7530(b)(1) § 63.7530(b)(4) § 63.7530(b)(4)(i) [G]§ 63.7530(c) § 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10) [G]§ 63.7540(a)(3) § 63.7540(a)(4)	§ 63.7535(d) [G]§ 63.7540(a)(2) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(c) [G]§ 63.7555(d) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7540(b) § 63.7540(d) § 63.7545(a) § 63.7545(b) § 63.7545(c) § 63.7545(d) [G]§ 63.7545(e) [G]§ 63.7545(h) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(d) [G]§ 63.7550(h)
PB02	EU	63DDDDD-01	Mercury	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 2.1.b § 63.7500(a)(1)-Table 3.3 [G]§ 63.7500(a)(1)-Table 3.5 § 63.7500(a)(1)-Table 3.6 § 63.7500(a)(2) § 63.7500(a)(2)-Table 4.7	For existing units in all subcategories with heat input capacity of 10 million Btu per hour or greater designed to burn solid fuel, mercury shall not exceed 0.0000057 lb per MMBtu heat input, using specified sampling volume or test run duration.	§ 63.7505(c) § 63.7505(d) § 63.7510(b) § 63.7510(e) § 63.7510(h) § 63.7510(j) § 63.7510(k) § 63.7515(e) § 63.7515(g) § 63.7521(a) [G]§ 63.7521(b)	§ 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) [G]§ 63.7540(a)(2) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(c) [G]§ 63.7555(d) § 63.7560(a)	§ 63.7515(f) § 63.7530(e) § 63.7530(f) § 63.7540(b) § 63.7540(d) § 63.7545(a) § 63.7545(b) § 63.7545(c) § 63.7545(d) [G]§ 63.7545(e) [G]§ 63.7545(h)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.7500(a)(3) § 63.7500(f) § 63.7505(a) § 63.7505(d) § 63.7505(e) § 63.7530(h) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10) § 63.7540(a)(13) [G]§ 63.7540(a)(5) § 63.7540(d)		[G]§ 63.7521(c) [G]§ 63.7521(d) § 63.7521(e) § 63.7530(a) § 63.7530(b) § 63.7530(b)(2) § 63.7530(b)(4) § 63.7530(b)(4)(i) [G]§ 63.7530(c) § 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10) [G]§ 63.7540(a)(5)	§ 63.7560(b) § 63.7560(c)	§ 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(d) [G]§ 63.7550(h)
PB02	EU	63DDDDD-01	PM	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 2.13.b § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.3 [G]§ 63.7500(a)(1)-Table 3.5 § 63.7500(a)(1)-Table 3.6 § 63.7500(a)(2) § 63.7500(a)(2)-Table 4.1 § 63.7500(a)(2)-Table 4.7 § 63.7500(a)(3) § 63.7500(f) § 63.7505(a) § 63.7505(d) § 63.7505(e) § 63.7530(h) § 63.7540(a) § 63.7540(a)(1)	For existing hybrid suspension grate units with heat input capacity of 10 million Btu per hour or greater designed to burn biomass/bio-based solids, filterable particulate matter shall not exceed 0.44 lb per MMBtu heat input, using specified sampling volume or test run duration.	§ 63.7505(c) § 63.7505(d) § 63.7510(a) § 63.7510(a)(1) [G]§ 63.7510(a)(2) § 63.7510(d) § 63.7510(e) § 63.7510(h) § 63.7510(j) § 63.7510(k) § 63.7515(a) § 63.7515(b) § 63.7515(c) § 63.7515(g) § 63.7520(a) § 63.7520(b) § 63.7520(b)-Table 5.1 § 63.7520(c) § 63.7520(d) § 63.7520(e) § 63.7520(f)	§ 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(c) [G]§ 63.7555(d) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7515(f) § 63.7530(e) § 63.7530(f) § 63.7540(b) § 63.7540(d) § 63.7545(a) § 63.7545(b) § 63.7545(c) § 63.7545(d) [G]§ 63.7545(e) [G]§ 63.7545(h) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(d) [G]§ 63.7550(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.7540(a)(10) § 63.7540(a)(13) § 63.7540(d)		[G]§ 63.7525(f) § 63.7530(a) § 63.7530(b) § 63.7530(b)(4) § 63.7530(b)(4)(iii) § 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10)		
PRO-BLEACH	PRO	63S-1	112(B) HAPS	40 CFR Part 63, Subpart S	§ 63.445(a) § 63.445(b) § 63.445(c)(2) § 63.445(d)(2) § 63.450(b) § 63.450(c) § 63.453(m)	Bleaching systems that do not use chlorinated compounds are exempt from requirements of this section. The following bleaching systems shall meet the provisions of this section: §63.445(a)(1)-(3).	§ 63.453(a) [G]§ 63.453(c) [G]§ 63.453(k) § 63.453(m) [G]§ 63.453(n) § 63.453(o) § 63.457(a) [G]§ 63.457(b) [G]§ 63.457(d) [G]§ 63.457(e) § 63.457(h) [G]§ 63.457(i) **See Alternative Requirement	§ 63.454(a) [G]§ 63.454(b) § 63.454(d)	[G]§ 63.453(n) § 63.453(o) § 63.455(a) § 63.455(d)
PRO-BLEACH	PRO	63S-1	112(B) HAPS	40 CFR Part 63, Subpart S	§ 63.443(a) § 63.443(c) § 63.443(d)(2) [G]§ 63.443(e) § 63.450(b) § 63.450(c) § 63.453(m)	Pulping systems using the kraft process subject to this subpart shall control the HAP emissions from the following equipment systems according to §§63.440(c)-(d).	§ 63.453(a) § 63.453(b) [G]§ 63.453(k) § 63.453(m) [G]§ 63.453(n) § 63.453(o) § 63.457(a) [G]§ 63.457(b) [G]§ 63.457(d) [G]§ 63.457(e) [G]§ 63.457(f) [G]§ 63.457(i)	§ 63.454(a) [G]§ 63.454(b) § 63.454(d)	[G]§ 63.453(n) § 63.453(o) § 63.455(a) [G]§ 63.455(b) § 63.455(d)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							[G]§ 63.457(k) **See Alternative Requirement		
PRO-FCOND	PRO	63S-1	112(B) HAPS	40 CFR Part 63, Subpart S	§ 63.443(a) § 63.443(c) § 63.443(d)(2) [G]§ 63.443(e) § 63.446(c)(1) § 63.446(d) § 63.446(d)(1) [G]§ 63.446(d)(2) § 63.446(e)(2) § 63.446(e)(5) § 63.450(b) § 63.450(c) § 63.453(m)	Pulping systems using the kraft process subject to this subpart shall control the HAP emissions from the following equipment systems according to §§63.440(c)-(d).	§ 63.453(a) § 63.453(b) § 63.453(i) § 63.453(j) § 63.453(j)(2) [G]§ 63.453(j)(3) [G]§ 63.453(k) § 63.453(l) [G]§ 63.453(l)(1) § 63.453(l)(2) § 63.453(l)(3) § 63.453(m) [G]§ 63.453(n) § 63.453(o) § 63.453(p) [G]§ 63.453(p)(1) [G]§ 63.453(p)(2) § 63.457(a) [G]§ 63.457(b) § 63.457(c) [G]§ 63.457(c)(1) § 63.457(c)(2) [G]§ 63.457(c)(3) [G]§ 63.457(c)(4) [G]§ 63.457(c)(5) [G]§ 63.457(c)(6) [G]§ 63.457(d) [G]§ 63.457(e) [G]§ 63.457(f) § 63.457(g) [G]§ 63.457(i) [G]§ 63.457(j) [G]§ 63.457(k) § 63.457(l) § 63.457(l)(2) **See Alternative	§ 63.453(p) [G]§ 63.453(p)(1) [G]§ 63.453(p)(2) § 63.454(a) [G]§ 63.454(b) § 63.454(d) § 63.454(f)	[G]§ 63.453(n) § 63.453(o) § 63.455(a) [G]§ 63.455(b) § 63.455(d) § 63.455(e)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							Requirement		
PRO-HVLC	PRO	63S-1	112(B) HAPS	40 CFR Part 63, Subpart S	§ 63.443(a) § 63.443(c) § 63.443(d)(4) § 63.443(d)(4)(ii) [G]§ 63.443(e) § 63.450(b) § 63.450(c) § 63.450(d)(1)	Pulping systems using the kraft process subject to this subpart shall control the HAP emissions from the following equipment systems according to §§63.440(c)-(d).	[G]§ 63.457(d) [G]§ 63.457(e)	§ 63.454(a) [G]§ 63.454(b) § 63.454(d) § 63.454(e)	§ 63.455(a) § 63.455(d)
PRO-HVLC	PRO	63S-2	112(B) HAPS	40 CFR Part 63, Subpart S	§ 63.443(a) § 63.443(c) § 63.443(d)(4) § 63.443(d)(4)(i) [G]§ 63.443(e) § 63.450(b) § 63.450(c) § 63.450(d)(1)	Pulping systems using the kraft process subject to this subpart shall control the HAP emissions from the following equipment systems according to §§63.440(c)-(d).	[G]§ 63.457(d) [G]§ 63.457(e)	§ 63.454(a) [G]§ 63.454(b) § 63.454(d) § 63.454(e)	§ 63.455(a) § 63.455(d)
PRO-LVHC	PRO	63S-1	112(B) HAPS	40 CFR Part 63, Subpart S	§ 63.443(a) § 63.443(c) § 63.443(d)(2) [G]§ 63.443(e) § 63.450(b) § 63.450(c) § 63.450(d)(1)	Pulping systems using the kraft process subject to this subpart shall control the HAP emissions from the following equipment systems according to §§63.440(c)-(d).	§ 63.453(a) § 63.453(b) [G]§ 63.453(k) [G]§ 63.453(n) § 63.453(o) § 63.457(a) [G]§ 63.457(b) [G]§ 63.457(d) [G]§ 63.457(e) [G]§ 63.457(f) [G]§ 63.457(i) [G]§ 63.457(k)	§ 63.454(a) [G]§ 63.454(b) § 63.454(d) § 63.454(e)	[G]§ 63.453(n) § 63.453(o) § 63.455(a) § 63.455(d)
PRO-LVHC	PRO	63S-2	112(B) HAPS	40 CFR Part 63, Subpart S	§ 63.443(a) § 63.443(c) § 63.443(d)(4) § 63.443(d)(4)(i) [G]§ 63.443(e) § 63.450(b) § 63.450(c) § 63.450(d)(1)	Pulping systems using the kraft process subject to this subpart shall control the HAP emissions from the following equipment systems according to §§63.440(c)-(d).	[G]§ 63.457(d) [G]§ 63.457(e)	§ 63.454(a) [G]§ 63.454(b) § 63.454(d) § 63.454(e)	§ 63.455(a) § 63.455(d)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
RB01	EU	REG2-01	SO_2	30 TAC Chapter 112, Sulfur Compounds	§ 112.9(a)	No person may cause, suffer, allow, or permit emissions of SO2 from any liquid fuel-fired steam generator, furnace, or heater to exceed 440 ppmv at actual stack conditions and averaged over 3-hours.	§ 112.2(a) ** See Periodic Monitoring Summary	§ 112.2(c)	§ 112.2(b)
RB01	EU	60BB-01	PM	40 CFR Part 60, Subpart BB	§ 60.282(a)(1)(i)	On and after the performance test completion no owner/operator shall discharge to the atmosphere from recovery furnaces gases containing PM in excess of 0.044 gr/dscf corrected to 8% oxygen.	§ 60.285(a) § 60.285(b) § 60.285(b)(1) § 60.285(b)(2) § 60.285(f)(1) ** See CAM Summary	None	None
RB01	EU	60BB-01	PM (Opacity)	40 CFR Part 60, Subpart BB	§ 60.282(a)(1)(ii)	On and after the performance test completion no owner/operator shall discharge to the atmosphere from recovery furnaces gases exhibiting 35% opacity or greater.	§ 60.284(a) § 60.284(a)(1) § 60.284(d) § 60.284(d)(1)(ii) [G]§ 60.284(e) § 60.284(f) § 60.285(a) § 60.285(b) § 60.285(b)(3)	§ 60.284(a)(1)	§ 60.284(d) § 60.284(d)(1)(ii)
RB01	EU	60BB-01	TRS	40 CFR Part 60, Subpart BB	§ 60.283(a)(2)	On and after the performance test completion, no owner/operator shall discharge to the atmosphere from straight kraft recovery furnaces gases with TRS over 5 ppmv dry basis, corrected to 8% O2.	§ 60.284(a) [G]§ 60.284(a)(2) § 60.284(c)(1) § 60.284(c)(2) § 60.284(c)(3) § 60.284(d) § 60.284(d)(1)(i) [G]§ 60.284(e) § 60.284(f) § 60.285(a) § 60.285(d)(1)	[G]§ 60.284(a)(2) § 60.284(c)(1) § 60.284(c)(2) § 60.284(c)(3)	§ 60.284(d) § 60.284(d)(1)(i)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 60.285(d)(2) § 60.285(d)(3) § 60.285(f)(2)		
RB01	EU	63MM-01	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(ii) § 63.860(d) § 63.862(a)(1)(ii)(A) § 63.862(a)(1)(ii)(B) § 63.862(a)(1)(ii)(C) [G]§ 63.862(a)(1)(ii)(D) § 63.864(k)(1) § 63.864(k)(1)(i) § 63.864(k)(2) § 63.864(k)(2)(i) § 63.865(a)(1) [G]§ 63.865(a)(2) § 63.867(b)(4)	Instead of 63.862(a)(1)(i) kraft or soda pulp mill may have PM emissions limits for existing kraft or soda recovery furnace, smelt dissolving tank, and lime kiln that operates 6300 hrs/yr or more.	§ 63.860(d) § 63.864(d) § 63.864(d)(3) § 63.864(d)(4) § 63.864(e)(1) § 63.864(f) § 63.864(h) § 63.864(k)(1) § 63.864(k)(1)(i) § 63.864(k)(2) § 63.864(k)(2)(i) § 63.865 § 63.865(a)(1) [G]§ 63.865(a)(2) [G]§ 63.865(b)	§ 63.864(d)(3) § 63.864(d)(4) § 63.866(b) § 63.866(c) § 63.866(c)(1) § 63.866(c)(3) § 63.866(c)(4) § 63.866(c)(8) [G]§ 63.866(d)	§ 63.867(a)(1) § 63.867(b)(1) § 63.867(b)(2) § 63.867(b)(3) § 63.867(b)(3)(i) § 63.867(b)(3)(ii) § 63.867(b)(3)(iv) § 63.867(b)(4) § 63.867(c) § 63.867(c)(1) [G]§ 63.867(c)(3) § 63.867(c)(4) [G]§ 63.867(d)
RB01	EU	63MM-02	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(i)(A) § 63.864(k)(1) § 63.864(k)(1)(i) § 63.864(k)(2) § 63.864(k)(2)(i) § 63.864(k)(3)	Each existing kraft or soda recovery furnace must have concentration of PM in the exhaust gases discharged to the atmosphere be less than or equal to 0.10 g/dscm corrected to 8% oxygen.	§ 63.860(d) § 63.864(d) § 63.864(d)(3) § 63.864(d)(4) § 63.864(e)(1) § 63.864(f) § 63.864(h) § 63.864(k)(1) § 63.864(k)(1)(i) § 63.864(k)(2) § 63.864(k)(2)(i) § 63.864(k)(3) § 63.865 [G]§ 63.865(b)	§ 63.864(d)(3) § 63.864(d)(4) § 63.866(b) § 63.866(c) § 63.866(c)(1) § 63.866(c)(3) § 63.866(c)(4) § 63.866(c)(8) [G]§ 63.866(d)	§ 63.867(a)(1) § 63.867(b)(3) § 63.867(b)(3)(i) § 63.867(b)(3)(iv) § 63.867(c) § 63.867(c)(1) [G]§ 63.867(c)(3) § 63.867(c)(4) [G]§ 63.867(d)
RB01A	EP	R1151-01	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as	** See CAM Summary	None	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).			
RB01A	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period.	§ 111.111(a)(1)(D) [G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	§ 111.111(a)(1)(C) § 111.111(a)(1)(D)	None
RB01B	EP	R1151-01	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None
RB01B	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period.	§ 111.111(a)(1)(D) [G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	§ 111.111(a)(1)(C) § 111.111(a)(1)(D)	None
RB02	EU	REG2-01	SO_2	30 TAC Chapter 112, Sulfur Compounds	§ 112.9(a)	No person may cause, suffer, allow, or permit emissions of SO2 from any liquid fuel-fired steam generator, furnace, or heater to exceed 440 ppmv at actual stack conditions and averaged over 3-hours.	§ 112.2(a) ** See Periodic Monitoring Summary	§ 112.2(c)	§ 112.2(b)
RB02	EU	60BB-01	PM	40 CFR Part 60, Subpart BB	§ 60.282(a)(1)(i)	On and after the performance test completion no owner/operator shall	§ 60.285(a) § 60.285(b) § 60.285(b)(1) § 60.285(b)(2)	None	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						discharge to the atmosphere from recovery furnaces gases containing PM in excess of 0.044 gr/dscf corrected to 8% oxygen.	§ 60.285(f)(1) ** See CAM Summary		
RB02	EU	60BB-01	PM (Opacity)	40 CFR Part 60, Subpart BB	§ 60.282(a)(1)(ii)	On and after the performance test completion no owner/operator shall discharge to the atmosphere from recovery furnaces gases exhibiting 35% opacity or greater.	§ 60.284(a) § 60.284(a)(1) § 60.284(d) § 60.284(d)(1)(ii) [G]§ 60.284(e) § 60.284(f) § 60.285(a) § 60.285(b) § 60.285(b)(3)	§ 60.284(a)(1)	§ 60.284(d) § 60.284(d)(1)(ii)
RB02	EU	60BB-01	TRS	40 CFR Part 60, Subpart BB	§ 60.283(a)(2)	On and after the performance test completion, no owner/operator shall discharge to the atmosphere from straight kraft recovery furnaces gases with TRS over 5 ppmv dry basis, corrected to 8% O2.	§ 60.284(a) [G]§ 60.284(a)(2) § 60.284(c)(1) § 60.284(c)(2) § 60.284(c)(3) § 60.284(d) § 60.284(d)(1)(i) [G]§ 60.284(e) § 60.284(f) § 60.285(a) § 60.285(d)(1) § 60.285(d)(2) § 60.285(d)(3) § 60.285(f)(2)	[G]§ 60.284(a)(2) § 60.284(c)(1) § 60.284(c)(2) § 60.284(c)(3)	§ 60.284(d) § 60.284(d)(1)(i)
RB02	EU	60Db-01	NOX	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(2) § 60.49b(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).			
RB02	EU	60Db-01	SO_2	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
RB02	EU	63MM-01	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(ii) § 63.860(d) § 63.862(a)(1)(ii)(A) § 63.862(a)(1)(ii)(B) § 63.862(a)(1)(ii)(C) [G]§ 63.862(a)(1)(ii)(D) § 63.864(k)(1) § 63.864(k)(1)(i) § 63.864(k)(2) § 63.864(k)(2)(i) § 63.865(a)(1) [G]§ 63.865(a)(2) § 63.867(b)(4)	Instead of 63.862(a)(1)(i) kraft or soda pulp mill may have PM emissions limits for existing kraft or soda recovery furnace, smelt dissolving tank, and lime kiln that operates 6300 hrs/yr or more.	§ 63.860(d) § 63.864(d) § 63.864(d)(3) § 63.864(d)(4) § 63.864(e)(1) § 63.864(f) § 63.864(h) § 63.864(k)(1) § 63.864(k)(1)(i) § 63.864(k)(2) § 63.864(k)(2)(i) § 63.865 § 63.865(a)(1) [G]§ 63.865(a)(2) [G]§ 63.865(b)	§ 63.864(d)(3) § 63.864(d)(4) § 63.866(b) § 63.866(c) § 63.866(c)(1) § 63.866(c)(3) § 63.866(c)(4) § 63.866(c)(8) [G]§ 63.866(d)	§ 63.867(a)(1) § 63.867(b)(1) § 63.867(b)(2) § 63.867(b)(3) § 63.867(b)(3)(i) § 63.867(b)(3)(ii) § 63.867(b)(3)(iv) § 63.867(b)(4) § 63.867(c) § 63.867(c)(1) [G]§ 63.867(c)(3) § 63.867(c)(4) [G]§ 63.867(d)
RB02	EU	63MM-02	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(i)(A) § 63.864(k)(1) § 63.864(k)(1)(i) § 63.864(k)(2)	Each existing kraft or soda recovery furnace must have concentration of PM in the exhaust gases discharged	§ 63.860(d) § 63.864(d) § 63.864(d)(3) § 63.864(d)(4)	§ 63.864(d)(3) § 63.864(d)(4) § 63.866(b) § 63.866(c)	§ 63.867(a)(1) § 63.867(b)(3) § 63.867(b)(3)(i) § 63.867(b)(3)(iv)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.864(k)(2)(i) § 63.864(k)(3)	to the atmosphere be less than or equal to 0.10 g/dscm corrected to 8% oxygen.	§ 63.864(e)(1) § 63.864(f) § 63.864(h) § 63.864(k)(1) § 63.864(k)(1)(i) § 63.864(k)(2) § 63.864(k)(2)(i) § 63.864(k)(3) § 63.865 [G]§ 63.865(b)	§ 63.866(c)(1) § 63.866(c)(3) § 63.866(c)(4) § 63.866(c)(8) [G]§ 63.866(d)	§ 63.867(c) § 63.867(c)(1) [G]§ 63.867(c)(3) § 63.867(c)(4) [G]§ 63.867(d)
RB02A	EP	R1151-01	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None
RB02A	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972.	§ 111.111(a)(1)(D) [G]§ 111.111(a)(1)(F)	§ 111.111(a)(1)(C) § 111.111(a)(1)(D)	None
RB02B	EP	R1151-01	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
RB02B	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972.	§ 111.111(a)(1)(D) [G]§ 111.111(a)(1)(F)	§ 111.111(a)(1)(C) § 111.111(a)(1)(D)	None
SM01	EP	R1151-01	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None
SM01	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
SM01	EU	REG2-01	TRS	30 TAC Chapter 112, Sulfur Compounds	§ 112.51(b)(4)	Smelt dissolving tanks shall not exceed 0.033 lb/ton black liquor solids as H2S (0.016 gram/kilogram black liquor solids as H2S).	§ 112.51(c) § 112.55 [G]§ 112.57(a) [G]§ 112.57(b) [G]§ 112.57(c)	[G]§ 112.57(c)	§ 112.59
SM01	EU	63MM-01	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(ii) § 63.860(d) § 63.862(a)(1)(ii)(A) § 63.862(a)(1)(ii)(B) § 63.862(a)(1)(ii)(C) [G]§ 63.862(a)(1)(ii)(D)	Instead of 63.862(a)(1)(i) kraft or soda pulp mill may have PM emissions limits for existing kraft or soda recovery furnace, smelt dissolving tank, and lime	§ 63.860(d) § 63.864(e) § 63.864(e)(10) § 63.864(e)(10)(i) § 63.864(e)(10)(ii) § 63.864(e)(10)(iii)	§ 63.864(e)(10) § 63.866(b) § 63.866(c) § 63.866(c)(3) § 63.866(c)(4) § 63.866(c)(5)	§ 63.867(a)(1) § 63.867(b)(1) § 63.867(b)(2) § 63.867(b)(3) § 63.867(b)(3)(i) § 63.867(b)(3)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.864(k)(1) § 63.864(k)(1)(ii) § 63.864(k)(1)(vi) § 63.864(k)(2) § 63.864(k)(2)(iv) § 63.864(k)(3) § 63.865(a)(1) § 63.865(a)(2) § 63.865(a)(2)(vi) § 63.867(b)(4)	kiln that operates 6300 hrs/yr or more.	§ 63.864(f) § 63.864(h) [G]§ 63.864(j) § 63.864(k)(1) § 63.864(k)(1)(ii) § 63.864(k)(1)(vi) § 63.864(k)(2) § 63.864(k)(2)(iv) § 63.864(k)(3) § 63.865 § 63.865(a)(1) § 63.865(a)(2) § 63.865(a)(2)(ii) § 63.865(a)(2)(iv) § 63.865(a)(2)(v) § 63.865(a)(2)(vi) [G]§ 63.865(b)	[G]§ 63.866(d)	§ 63.867(b)(3)(iii) § 63.867(b)(4) § 63.867(c) § 63.867(c)(1) [G]§ 63.867(c)(3) § 63.867(c)(4) [G]§ 63.867(d)
SM01	EU	63MM-02	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(i)(B) § 63.860(d) § 63.864(k)(1) § 63.864(k)(2) § 63.864(k)(3)	Each existing kraft or soda smelt dissolving tanks must have concentration of PM in the exhaust gases discharged to the atmosphere be less than or equal to 0.10 kg/Mg of black liquor solids fired.	§ 63.860(d) § 63.860(f) § 63.860(h) [G]§ 63.864(j) § 63.864(k)(1) § 63.864(k)(2) § 63.864(k)(3) § 63.865 [G]§ 63.865(b)	§ 63.866(b) § 63.866(c) § 63.866(c)(3) § 63.866(c)(4) § 63.866(c)(5) [G]§ 63.866(d)	§ 63.867(a)(1) § 63.867(b)(3) § 63.867(b)(3)(i) § 63.867(b)(3)(iii) § 63.867(c) § 63.867(c)(1) [G]§ 63.867(c)(3) § 63.867(c)(4) [G]§ 63.867(d)
SM02	EP	R1151-01	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
SM02	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
SM02	EU	60BB-01	PM	40 CFR Part 60, Subpart BB	§ 60.282(a)(2)	On and after the performance test completion no owner/operator shall discharge to the atmosphere from smelt dissolving tanks gases containing PM > 0.1 g/kg black liquor solids (dry weight).	§ 60.285(a) [G]§ 60.285(c) § 60.285(f)(1) ** See CAM Summary	None	None
SM02	EU	60BB-01	TRS	40 CFR Part 60, Subpart BB	§ 60.283(a)(4)	On and after the performance test completion, no owner/operator shall discharge to the atmosphere from smelt dissolving tanks gases with TRS over 0.016 g/kg black liquor solids as H2S.	§ 60.284(b) [G]§ 60.284(b)(2) § 60.284(c)(4) § 60.284(f) § 60.285(a) [G]§ 60.285(e) § 60.285(f)(2)	§ 60.284(c)(4)	None
SM02	EU	63MM-01	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(ii) § 63.860(d) § 63.862(a)(1)(ii)(A) § 63.862(a)(1)(ii)(B) § 63.862(a)(1)(ii)(C) [G]§ 63.862(a)(1)(ii)(D) § 63.864(k)(1) § 63.864(k)(1)(ii) § 63.864(k)(1)(vi) § 63.864(k)(2) § 63.864(k)(2)(iv)	Instead of 63.862(a)(1)(i) kraft or soda pulp mill may have PM emissions limits for existing kraft or soda recovery furnace, smelt dissolving tank, and lime kiln that operates 6300 hrs/yr or more.	§ 63.860(d) § 63.864(e) § 63.864(e)(10) § 63.864(e)(10)(i) § 63.864(e)(10)(ii) § 63.864(e)(10)(iii) § 63.864(f) § 63.864(h) [G]§ 63.864(j) § 63.864(k)(1) § 63.864(k)(1)(ii)	§ 63.864(e)(10) § 63.866(b) § 63.866(c) § 63.866(c)(3) § 63.866(c)(4) § 63.866(c)(5) [G]§ 63.866(d)	§ 63.867(a)(1) § 63.867(b)(1) § 63.867(b)(2) § 63.867(b)(3) § 63.867(b)(3)(i) § 63.867(b)(3)(ii) § 63.867(b)(3)(iii) § 63.867(b)(4) § 63.867(c) § 63.867(c)(1) [G]§ 63.867(c)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.864(k)(3) § 63.865(a)(1) § 63.865(a)(2) § 63.865(a)(2)(vi) § 63.867(b)(4)		§ 63.864(k)(1)(vi) § 63.864(k)(2) § 63.864(k)(2)(iv) § 63.864(k)(3) § 63.865 § 63.865(a)(1) § 63.865(a)(2) § 63.865(a)(2)(ii) § 63.865(a)(2)(iv) § 63.865(a)(2)(v) § 63.865(a)(2)(vi) [G]§ 63.865(b)		§ 63.867(c)(4) [G]§ 63.867(d)
SM02	EU	63MM-02	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(i)(B) § 63.860(d) § 63.864(k)(1) § 63.864(k)(2) § 63.864(k)(3)	Each existing kraft or soda smelt dissolving tanks must have concentration of PM in the exhaust gases discharged to the atmosphere be less than or equal to 0.10 kg/Mg of black liquor solids fired.	§ 63.860(d) § 63.864(f) § 63.864(h) [G]§ 63.864(j) § 63.864(k)(1) § 63.864(k)(2) § 63.864(k)(3) § 63.865 [G]§ 63.865(b)	§ 63.866(b) § 63.866(c) § 63.866(c)(3) § 63.866(c)(4) § 63.866(c)(5) [G]§ 63.866(d)	§ 63.867(a)(1) § 63.867(b)(3) § 63.867(b)(3)(i) § 63.867(b)(3)(iii) § 63.867(c) § 63.867(c)(1) [G]§ 63.867(c)(3) § 63.867(c)(4) [G]§ 63.867(d)
TNK0115	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
TNK0116	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
WPEMENG	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table 2c.1 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at a major source, you must comply with the requirements as specified in Table 2c.1.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)

Additional Monitoring Requirements

Compliance Assurance Monitoring Summary 58

Periodic Monitoring Summary 73

CAM Summary

Unit/Group/Process Information	
ID No.: GRP-CONC	
Control Device ID No.: NCG01	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart BB	SOP Index No.: 60BB-01
Pollutant: TRS	Main Standard: § 60.283(a)(1)(iii)
Monitoring Information	
Indicator: Temperature	
Minimum Frequency: 1 minute	
Averaging Period: 3 hours	
Deviation Limit: Minimum Combustion Chamber Temperature = 1450°F	
CAM Text: The monitoring device, thermocouple probe, will be calibrated once per year by injecting the proper millivolt signal to the thermocouple and calibrating the transmitter zero and span.	

CAM Summary

Unit/Group/Process Information	
ID No.: LK01	
Control Device ID No.: VS-2	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-01
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: [I] Pressure Drop; [II] Liquid Flow Rate	
Minimum Frequency: [I] once per 15 minutes; [II] once per 15 minutes	
Averaging Period: [I] 3 hours; [II] 3 hours	
Deviation Limit: [I] Minimum Pressure Drop = 18 inches H2O; [II] Minimum Liquid Flow Rate = 558 gpm	
CAM Text: Pressure Drop: The monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within the following: ± 1 inch water gauge pressure (± 250 pascals); or ± 2% of span. Liquid Flow Rate: The monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within the following: ± 2% of span; or ± 5% of design liquid flow rate.	

CAM Summary

Unit/Group/Process Information	
ID No.: LK02	
Control Device ID No.: 263009	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-01
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: [I] Pressure Drop; [II] Liquid Flow Rate	
Minimum Frequency: [I] once per 15 minutes; [II] once per 15 minutes	
Averaging Period: [I] 3 hours; [II] 3 hours	
Deviation Limit: [I] Minimum Pressure Drop = 32 inches H2O; [II] Minimum Liquid Flow Rate = 739 gpm	
CAM Text: Pressure Drop: The monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within the following: ± 1 inch water gauge pressure (± 250 pascals); or ± 2% span. Liquid Flow Rate: The monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within the following: ± 2% of span; or ± 5% of design liquid flow rate.	

CAM Summary

Unit/Group/Process Information	
ID No.: PB02	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart D	SOP Index No.: 60D-01A
Pollutant: PM	Main Standard: § 60.42(a)(1)
Monitoring Information	
Indicator: [I] Pressure Drop; [II] Liquid Flow Rate	
Minimum Frequency: [I] once per 15 minutes; [II] once per 15 minutes	
Averaging Period: [I] 3 hours; [II] 3 hours	
Deviation Limit: [I] Minimum Pressure Drop = 16 inches H2O; [II] Minimum Liquid Flow Rate = 3500 gpm	
CAM Text: Pressure Drop: The monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within the following: ± 1 inch water gauge pressure (± 250 pascals); or ± 2% span. Liquid Flow Rate: The monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within the following: ± 2% of span; or ± 5% of design liquid flow rate.	

CAM Summary

Unit/Group/Process Information	
ID No.: PB02	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart D	SOP Index No.: 60D-01B
Pollutant: PM	Main Standard: § 60.42(a)(1)
Monitoring Information	
Indicator: [I] Pressure Drop; [II] Liquid Flow Rate	
Minimum Frequency: [I] once per 15 minutes; [II] once per 15 minutes	
Averaging Period: [I] 3 hours; [II] 3 hours	
Deviation Limit: [I] Minimum Pressure Drop = 16 inches H2O; [II] Minimum Liquid Flow Rate = 3500 gpm	
CAM Text: Pressure Drop: The monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within the following: ± 1 inch water gauge pressure (± 250 pascals); or ± 2% span. Liquid Flow Rate: The monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within the following: ± 2% of span; or ± 5% of design liquid flow rate.	

CAM Summary

Unit/Group/Process Information	
ID No.: PB02	
Control Device ID No.: WS-2	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-01
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: [I] Pressure Drop; [II] Liquid Flow Rate	
Minimum Frequency: [I] once per 15 minutes; [II] once per 15 minutes	
Averaging Period: [I] 3 hours; [II] 3 hours	
Deviation Limit: [I] Minimum Pressure Drop = 16 inches H2O; [II] Minimum Liquid Flow Rate = 3500 gpm	
CAM Text: Pressure Drop: The monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within the following: ± 1 inch water gauge pressure (± 250 pascals); or ± 2% span. Liquid Flow Rate: The monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within the following: ± 2% of span; or ± 5% of design liquid flow rate.	

CAM Summary

Unit/Group/Process Information	
ID No.: RB01	
Control Device ID No.: EP-IN	Control Device Type: Wet or dry electrostatic precipitator
Control Device ID No.: EP-IS	Control Device Type: Wet or dry electrostatic precipitator
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart BB	SOP Index No.: 60BB-01
Pollutant: PM	Main Standard: § 60.282(a)(1)(i)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: six times per minute	
Averaging Period: 3 hours	
Deviation Limit: Maximum Opacity = 20%	
CAM Text: The COMS shall be operated in accordance with 40 CFR §60.13.	

CAM Summary

Unit/Group/Process Information	
ID No.: RB01A	
Control Device ID No.: EP-IN	Control Device Type: Wet or dry electrostatic precipitator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-01
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: six times per minute	
Averaging Period: 3 hours	
Deviation Limit: Maximum Opacity = 20%	
CAM Text: The COMS shall be operated in accordance with 40 CFR § 60.13.	

CAM Summary

Unit/Group/Process Information	
ID No.: RB01B	
Control Device ID No.: EP-IS	Control Device Type: Wet or dry electrostatic precipitator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-01
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: six times per minute	
Averaging Period: 3 hours	
Deviation Limit: Maximum Opacity = 20%	
CAM Text: The COMS shall be operated in accordance with 40 CFR § 60.13.	

CAM Summary

Unit/Group/Process Information	
ID No.: RB02	
Control Device ID No.: 351013	Control Device Type: Wet or dry electrostatic precipitator
Control Device ID No.: 351014	Control Device Type: Wet or dry electrostatic precipitator
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart BB	SOP Index No.: 60BB-01
Pollutant: PM	Main Standard: § 60.282(a)(1)(i)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: six times per minute	
Averaging Period: 3 hours	
Deviation Limit: Maximum Opacity = 20%	
CAM Text: The COMS shall be operated in accordance with 40 CFR §60.13.	

CAM Summary

Unit/Group/Process Information	
ID No.: RB02A	
Control Device ID No.: 351013	Control Device Type: Wet or dry electrostatic precipitator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-01
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: six times per minute	
Averaging Period: 3 hours	
Deviation Limit: Maximum Opacity = 20%	
CAM Text: The COMS shall be operated in accordance with 40 CFR § 60.13.	

CAM Summary

Unit/Group/Process Information	
ID No.: RB02B	
Control Device ID No.: 351014	Control Device Type: Wet or dry electrostatic precipitator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-01
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: six times per minute	
Averaging Period: 3 hours	
Deviation Limit: Maximum Opacity = 20%	
CAM Text: The COMS shall be operated in accordance with 40 CFR § 60.13.	

CAM Summary

Unit/Group/Process Information	
ID No.: SM01	
Control Device ID No.: SM01	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-01
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: [I] Fan Motor Current; [II] Liquid Flow Rate	
Minimum Frequency: [I] once per 15 minutes; [II] once per 15 minutes	
Averaging Period: [I] 3 hours; [II] 3 hours	
Deviation Limit: [I] Minimum Current = 71 amps (at no load); [II] Minimum Liquid Flow Rate = 82 gpm to scrubber and 41 gpm to fan	
CAM Text: Fan Motor Current: The monitoring device, ammeter, will be checked annually for accuracy by subjecting it to a known amperage. Liquid Flow Rate: The monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within the following: ± 2% of span; or ± 5% of design liquid flow rate.	

CAM Summary

Unit/Group/Process Information	
ID No.: SM02	
Control Device ID No.: 401015	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-01
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: [I] Fan Motor Current; [II] Liquid Flow Rate	
Minimum Frequency: [I] once per 15 minutes; [II] once per 15 minutes	
Averaging Period: [I] 3 hours; [II] 3 hours	
Deviation Limit: [I] Minimum Current = 29 amps (at no load); [II] Minimum Liquid Flow Rate = 95 gpm to scrubber and 75 gpm to fan	
CAM Text: Fan Motor Current: The monitoring device, ammeter, will be checked annually for accuracy by subjecting it to a known amperage. Liquid Flow Rate: The monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within the following: ± 2% of span; or ± 5% of design liquid flow rate.	

CAM Summary

Unit/Group/Process Information	
ID No.: SM02	
Control Device ID No.: 401015	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart BB	SOP Index No.: 60BB-01
Pollutant: PM	Main Standard: § 60.282(a)(2)
Monitoring Information	
Indicator: [I] Fan Motor Current; [II] Liquid Flow Rate	
Minimum Frequency: [I] once per 15 minutes; [II] once per 15 minutes	
Averaging Period: [I] 3 hours; [II] 3 hours	
Deviation Limit: [I] Minimum current = 29 amps (at no load); [II] Minimum liquid flow rate = 95 gpm to scrubber and 75 gpm to fan	
CAM Text: Fan Motor Current: The monitoring device, ammeter, will be checked annually for accuracy by subjecting it to a known amperage. Liquid Flow Rate: The monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within the following: ± 2% of span; or ± 5% of design liquid flow rate.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: BP14	
Control Device ID No.: BP14	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: [I] Liquid flow rate; [II] Liquid pH; [III] Fan motor current	
Minimum Frequency: [I] once per 15 minutes; [II] once per 15 minutes; [III] once per 15 minutes	
Averaging Period: [I] 3 hours; [II] 3 hours; [III] 3 hours	
Deviation Limit: [I] Minimum liquid flow rate = 12 gpm to scrubber; [II] Minimum pH of liquid = 8.37; [III] Minimum current = 25.6 amps (at no load)	
Periodic Monitoring Text: [I] Measure and record the liquid flow rate. Establish a minimum liquid flow rate using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation. [II] Measure and record the pH of liquid flow. Establish a minimum pH using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation. [III] Measure and record the fan motor current. Establish a minimum current using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: BP15	
Control Device ID No.: BP15	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: [I] Liquid flow rate; [II] Liquid pH; [III] Fan motor current	
Minimum Frequency: [I] once per 15 minutes; [II] once per 15 minutes; [III] once per 15 minutes	
Averaging Period: [I] 3 hours; [II] 3 hours; [III] 3 hours	
Deviation Limit: [I] Minimum liquid flow rate = 71 gpm to scrubber; [II] Minimum pH of liquid = 8.6; [III] Minimum current = 18.5 amps (at no load)	
Periodic Monitoring Text: [I] Measure and record the liquid flow rate. Establish a minimum liquid flow rate using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation. [II] Measure and record the pH of liquid flow. Establish a minimum pH using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation. [III] Measure and record the fan motor current. Establish a minimum current using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: BP16	
Control Device ID No.: BP16	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: [I] Liquid flow rate; [II] Liquid pH; [III] Fan motor current	
Minimum Frequency: [I] once per 15 minutes; [II] once per 15 minutes; [III] once per 15 minutes	
Averaging Period: [I] 3 hours; [II] 3 hours; [III] 3 hours	
Deviation Limit: Treating Only A-Line Gases: [I] Minimum liquid flow rate = 996 gpm (sum of both bodies); [II] Minimum pH of liquid flow = 8.0; [III] Minimum Current = 22 amps (at no load) Treating A-Line and B-line Gases: [I] Minimum Liquid Flow Rate = 996 gpm (su	
Periodic Monitoring Text: [I] Measure and record the liquid flow rate. Establish a minimum liquid flow rate using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation. [II] Measure and record the pH of liquid flow. Establish a minimum pH using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation. [III] Measure and record the fan motor current. Establish a minimum current using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: CTRW-1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: N/A	
Deviation Limit: No visible emissions	
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, 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 30%, the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: EX7LAM1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: N/A	
Deviation Limit: No visible emissions	
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, 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 30%, the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: LK01	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: REG2-01
Pollutant: SO_2	Main Standard: § 112.9(a)
Monitoring Information	
Indicator: Sulfur content of fuel	
Minimum Frequency: Quarterly and within 24 hours of any fuel change	
Averaging Period: N/A	
Deviation Limit: Maximum Sulfur Dioxide Emission Concentration = 440 ppmv at actual stack conditions (3 hour average)	
Periodic Monitoring Text: Measure and record the sulfur content of the fuel with each new bulk shipment of fuel oil. Establish a maximum quantity of fuel oil allowed to be fired using the sulfur content of the fuel and the maximum allowable sulfur dioxide emission rate per §112.9(a) - 440 ppmv at stack conditions and averaged over a three hour period. The following equation is used to determine fuel oil firing rates: Fuel Oil (gpm) = AF (Mlb/hr) * 0.4965 (lb/hr S / Mlb/hr AF) 8.5 (lb/gal) * fraction S * (60 min/hr) where: AF (Mlb/hr) = Total measured air flow in thousands Constant = 0.4965 (lb/hr S/Mlb/hr AF) Density = 8.5 lb/gal Fraction S = wt% / 100 (from supplier) Any amount of fuel oil fired above the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: LK01	
Control Device ID No.: VS-2	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: Minimum pressure drop = 18 inches H2O	
Periodic Monitoring Text: Measure and record the pressure drop. The monitoring instrumentation shall be maintained and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the deviation limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: LK01	
Control Device ID No.: VS-2	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Liquid Flow Rate	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: Minimum liquid flow rate = 558 gpm	
Periodic Monitoring Text: Measure and record the liquid flow rate. The monitoring instrumentation shall be calibrated, maintained and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the deviation limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: LK02	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: REG2-01
Pollutant: SO_2	Main Standard: § 112.9(a)
Monitoring Information	
Indicator: Sulfur content of fuel	
Minimum Frequency: Quarterly and within 24 hours of any fuel change	
Averaging Period: N/A	
Deviation Limit: Maximum Sulfur Dioxide Emission Concentration = 440 ppmv at actual stack conditions (3 hour average)	
Periodic Monitoring Text: Measure and record the sulfur content of the fuel with each new bulk shipment of fuel oil. Establish a maximum quantity of fuel oil allowed to be fired using the sulfur content of the fuel and the maximum allowable sulfur dioxide emission rate per §112.9(a) - 440 ppmv at stack conditions and averaged over a three hour period. The following equation is used to determine fuel oil firing rates: Fuel Oil (gpm) = AF (Mlb/hr) * 0.4965 (lb/hr S / Mlb/hr AF) 8.5 (lb/gal) * fraction S * (60 min/hr) where: AF (Mlb/hr) = Total measured air flow in thousands Constant = 0.4965 (lb/hr S/Mlb/hr AF) Density = 8.5 lb/gal Fraction S = wt% / 100 (from supplier) Any amount of fuel oil fired above the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: LK02	
Control Device ID No.: 263009	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: Minimum Pressure Drop = 32 inches H2O	
Periodic Monitoring Text: Measure and record the pressure drop. The monitoring instrumentation shall be maintained and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the deviation limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: LK02	
Control Device ID No.: 263009	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Liquid Flow Rate	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: Minimum Liquid Flow Rate = 739 gpm	
Periodic Monitoring Text: Measure and record the liquid flow rate. The monitoring instrumentation shall be calibrated, maintained and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the deviation limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: PB01	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: REG2-01
Pollutant: SO_2	Main Standard: § 112.9(a)
Monitoring Information	
Indicator: Sulfur content of fuel	
Minimum Frequency: Quarterly and within 24 hours of any fuel change	
Averaging Period: N/A	
Deviation Limit: Maximum Sulfur Dioxide Emission Concentration = 440 ppmv at actual stack conditions (3 hour average)	
Periodic Monitoring Text: Measure and record the sulfur content of the fuel with each new bulk shipment of fuel oil. Establish a maximum quantity of fuel oil allowed to be fired using the sulfur content of the fuel and the maximum allowable sulfur dioxide emission rate per §112.9(a) - 440 ppmv at stack conditions and averaged over a three-hour period. The following equation is used to determine fuel oil firing rates: Fuel Oil (gpm) = AF (Mlb/hr) * 0.4965 (lb/hr S / Mlb/hr AF) 8.5 (lb/gal) * fraction S * (60 min/hr) where: AF (Mlb/hr) = Total measured air flow in thousands Constant = 0.4965 (lb/hr S/Mlb/hr AF) Density = 8.5 lb/gal Fraction S = wt% / 100 (from supplier) Any amount of fuel oil fired above the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: PB01	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: six times per minute	
Averaging Period: six minutes	
Deviation Limit: Maximum opacity = 30%	
Periodic Monitoring Text: Measure and record the opacity with a continuous opacity monitoring system (COMS). The COMS shall be operated in accordance with 40 CFR § 60.13. The maximum opacity is the applicable or corresponding opacity limit. If there is no applicable or corresponding opacity limit, a maximum opacity shall be established using the most recent performance test. Any opacity readings that are above the opacity limit from the underlying applicable requirement shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: PB01	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-02
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: N/A	
Deviation Limit: Maximum Opacity = 15%	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded once per calendar quarter. 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. 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.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: PB02	
Control Device ID No.: WS-2	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: Minimum Pressure Drop = 16 inches H2O	
Periodic Monitoring Text: Measure and record the pressure drop. The monitoring instrumentation shall be maintained and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the deviation limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: PB02	
Control Device ID No.: WS-2	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Liquid Flow Rate	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: Minimum Liquid Flow Rate = 3500 gpm	
Periodic Monitoring Text: Measure and record the liquid flow rate. The monitoring instrumentation shall be calibrated, maintained and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the deviation limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: RB01	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: REG2-01
Pollutant: SO_2	Main Standard: § 112.9(a)
Monitoring Information	
Indicator: SO2 concentration	
Minimum Frequency: four times per hour	
Averaging Period: 3 hours	
Deviation Limit: 440 ppmv at actual stack conditions	
Periodic Monitoring Text: Measure and record the concentration of SO2 in the exhaust stream of the control device with a continuous emission monitoring system (CEMS). In addition, measure and record the oxygen or carbon dioxide content of the flue gas with a CEMS. The CEMS shall be operated in accordance with 40 CFR § 60.13 and the Performance Specifications of 40 CFR Part 60, Appendix B. The maximum sulfur dioxide concentration (specified in units of the underlying applicable requirement) is the corresponding sulfur dioxide limit associated with the emission limitation in the underlying applicable requirement. Any monitoring data above the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: RB01A	
Control Device ID No.: EP-IN	Control Device Type: Wet or dry electrostatic precipitator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: six times per minute	
Averaging Period: six minutes	
Deviation Limit: Maximum opacity = 30%	
Periodic Monitoring Text: Measure and record the opacity with a continuous opacity monitoring system (COMS). The COMS shall be operated in accordance with 40 CFR § 60.13. The maximum opacity is the applicable or corresponding opacity limit. If there is no applicable or corresponding opacity limit, a maximum opacity shall be established using the most recent performance test. Any opacity readings that are above the opacity limit from the underlying applicable requirement shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: RB01B	
Control Device ID No.: EP-IS	Control Device Type: Wet or dry electrostatic precipitator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: six times per minute	
Averaging Period: six minutes	
Deviation Limit: Maximum opacity = 30%	
Periodic Monitoring Text: Measure and record the opacity with a continuous opacity monitoring system (COMS). The COMS shall be operated in accordance with 40 CFR § 60.13. The maximum opacity is the applicable or corresponding opacity limit. If there is no applicable or corresponding opacity limit, a maximum opacity shall be established using the most recent performance test. Any opacity readings that are above the opacity limit from the underlying applicable requirement shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: RB02	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: REG2-01
Pollutant: SO_2	Main Standard: § 112.9(a)
Monitoring Information	
Indicator: SO2 concentration	
Minimum Frequency: four times per hour	
Averaging Period: 3 hours	
Deviation Limit: 440 ppmv at actual stack conditions	
Periodic Monitoring Text: Measure and record the concentration of SO2 in the exhaust stream of the control device with a continuous emission monitoring system (CEMS). In addition, measure and record the oxygen or carbon dioxide content of the flue gas with a CEMS. The CEMS shall be operated in accordance with 40 CFR § 60.13 and the Performance Specifications of 40 CFR Part 60, Appendix B. The maximum sulfur dioxide concentration (specified in units of the underlying applicable requirement) is the corresponding sulfur dioxide limit associated with the emission limitation in the underlying applicable requirement. Any monitoring data above the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: SM01	
Control Device ID No.: SM01	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: [I] Fan motor current; [II] Liquid flow rate	
Minimum Frequency: [I] once per 15 minutes; [II] once per 15 minutes	
Averaging Period: [I] 3 hours; [II] 3 hours	
Deviation Limit: [I] Minimum current = 71 amps (no load); [II] Minimum liquid flow rate = 82 gpm to scrubber and 41 gpm to fan	
Periodic Monitoring Text: [I] Measure and record the fan motor current. Establish a minimum current using the most recent performance test data, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation. [II] Measure and record the liquid flow rate. Establish a minimum liquid flow rate using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: SM02	
Control Device ID No.: 401015	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: [I] Fan Motor Current; [II] Liquid flow rate	
Minimum Frequency: [I] once per 15 minutes; [II] once per 15 minutes	
Averaging Period: [I] 3 hours; [II] 3 hours	
Deviation Limit: [I] Minimum current = 29 amps (at no load); [II] Minimum liquid flow rate = 95 gpm to scrubber and 75 gpm to fan	
Periodic Monitoring Text: [I] Measure and record the fan motor current. Establish a minimum current using the most recent performance test data, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation. [II] Measure and record the liquid flow rate. Establish a minimum liquid flow rate using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: TNK0115	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: N/A	
Deviation Limit: No visible emissions	
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, 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 30%, the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: TNK0116	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: N/A	
Deviation Limit: No visible emissions	
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, 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 30%, the permit holder shall report a deviation.	

Permit Shield

Permit Shield 98

Permit Shield

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
BP0351	N/A	40 CFR Part 60, Subpart Kb	Tank storage capacity is less than 75 cubic meters.
BP0368	N/A	40 CFR Part 60, Subpart Kb	Tank storage capacity is less than 75 cubic meters.
DIESELLOAD	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Loading and unloading occurs in Cass County which is exempt from the requirements of 30 TAC Chapter 115, Subchapter C, Division 1.
DIG-16	N/A	30 TAC Chapter 112, Sulfur Compounds	Not a designated facility under 30 TAC Chapter 112 as the facility is subject to 40 CFR Part 60, Subpart BB.
FOT	N/A	40 CFR Part 60, Subpart Kb	Capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
GRP-BSW	AFBV1, BFBV1, BSW1A, BSW1B, BSW2A, BSW2B, BSW3A, BSW3B, TNK 0063, TNK 0064, TNK 0065, TNK 0167, TNK 0168, TNK 0169	40 CFR Part 60, Subpart BB	Construction or modification commenced before September 24, 1976.
GRP-CONC	CONC01, CONC02	30 TAC Chapter 112, Sulfur Compounds	Not a designated facility under 30 TAC Chapter 112 as the facility is subject to 40 CFR Part 60, Subpart BB.
GRP-CT	CTRW-1, CTRW-2, CTRW-6, CTRW-P1, CTRW-P3	40 CFR Part 63, Subpart Q	Chromium-based water treatment chemicals are not used.
GRP-DIGEST	DIG-1, DIG-10, DIG-11, DIG-12, DIG-13, DIG-14, DIG-15, DIG-2, DIG-3, DIG-4, DIG-5, DIG-6, DIG-7, DIG-8, DIG-9, TNK 0058, TNK 0059, TNK 0166, TNK 0362	40 CFR Part 60, Subpart BB	Construction or modification commenced before September 24, 1976.

Permit Shield

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
GRP-MEES	MEES01, MEES02	40 CFR Part 60, Subpart BB	Construction or modification commenced before September 24, 1976.
GRP-SMTANK	FIREDIES01, WPDIES01, WPGAS01, WPGAS02	40 CFR Part 60, Subpart Kb	Tank storage capacity is less than 75 cubic meters.
LK01	N/A	40 CFR Part 60, Subpart BB	Construction or modification commenced before September 24, 1976.
LK02	N/A	40 CFR Part 60, Subpart BB	Construction or modification commenced before September 24, 1976.
LKENG1	N/A	40 CFR Part 60, Subpart IIII	Engine is a stationary compression ignition internal combustion engine that commenced construction, modification or reconstruction before July 11, 2005.
LKENG2	N/A	40 CFR Part 60, Subpart IIII	Engine is a stationary compression ignition internal combustion engine that commenced construction, modification or reconstruction before July 11, 2005.
MVFD	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Motor vehicle fuel dispensing is exempt from 30 TAC Chapter 115, Loading and Unloading requirements.
PB01	N/A	40 CFR Part 60, Subpart D	Construction or modification commenced before August 17, 1971.
RB01	N/A	30 TAC Chapter 112, Sulfur Compounds	Not a designated facility under 30 TAC Chapter 112 as the facility is subject to 40 CFR Part 60, Subpart BB.
RB01	N/A	40 CFR Part 60, Subpart D	The unit maintains an annual fossil fuel capacity factor of less than or equal to 10%, therefore it is not subject to 40 CFR Part 60, Subpart D. This

Permit Shield

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			determination is based on EPA ADI control number NB01 issued June 15, 1990.
RB02	N/A	30 TAC Chapter 112, Sulfur Compounds	Not a designated facility under 30 TAC Chapter 112 as the facility is subject to 40 CFR Part 60, Subpart BB.
SM01	N/A	40 CFR Part 60, Subpart BB	Construction or modification commenced before September 24, 1976.
SM02	N/A	30 TAC Chapter 112, Sulfur Compounds	Not a designated facility under 30 TAC Chapter 112 as the facility is subject to 40 CFR Part 60, Subpart BB.
SST01	N/A	40 CFR Part 60, Subpart Kb	Product stored with a maximum true vapor pressure less than 0.5 psia.
SST02	N/A	40 CFR Part 60, Subpart K	The storage vessel does not store a petroleum liquid.
SVPTANK	N/A	40 CFR Part 60, Subpart Kb	Tank storage capacity is less than 75 cubic meters.
TURP01	N/A	40 CFR Part 60, Subpart Kb	Capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
TURPLD	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Loading and unloading occurs in Cass County which is exempt from the requirements of 30 TAC Chapter 115, Subchapter C, Division 1.
WPEMENG	N/A	40 CFR Part 60, Subpart IIII	Engine is a stationary compression ignition internal combustion engine that commenced construction, modification or reconstruction before July 11, 2005.

New Source Review Authorization References

New Source Review Authorization References 101

New Source Review Authorization References by Emission Unit 102

New Source Review Authorization References

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

Prevention of Significant Deterioration (PSD) Permits	
PSD Permit No.: PSDTX778M2	Issuance Date: 02/21/2023
Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 2975	Issuance Date: 02/21/2023
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 31	Version No./Date: 05/05/1976
Number: 46	Version No./Date: 05/08/1972
Number: 106.227	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 03/14/1997
Number: 106.261	Version No./Date: 12/24/1998
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 03/14/1997
Number: 106.262	Version No./Date: 12/24/1998
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.265	Version No./Date: 09/04/2000
Number: 106.321	Version No./Date: 09/04/2000
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.393	Version No./Date: 09/04/2000
Number: 106.412	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 11/01/2001
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.473	Version No./Date: 09/04/2000
Number: 106.476	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.512	Version No./Date: 06/13/2001
Number: 106.532	Version No./Date: 09/04/2000

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
AFBV1	BSW A FOAM TANK	2975, PSDTX778M2
BFBV1	BSW B FOAM TANK	2975, PSDTX778M2
BP0351	METHANOL STORAGE TANK	2975, PSDTX778M2
BP0368	HYDROGEN PEROXIDE TANK	106.262/11/01/2003 [86706, 164224, 168914]
BP14	B-LINE BLEACH PLANT SCRUBBER NORTH	2975, PSDTX778M2
BP15	B-LINE BLEACH PLANT SCRUBBER SOUTH	2975, PSDTX778M2
BP16	A-LINE BLEACH PLANT SCRUBBER	2975, PSDTX778M2
BSW1A	1A BROWN STOCK WASHER	2975, PSDTX778M2
BSW1B	1B BROWN STOCK WASHER	2975, PSDTX778M2
BSW2A	2A BROWN STOCK WASHER	2975, PSDTX778M2
BSW2B	2B BROWN STOCK WASHER	2975, PSDTX778M2
BSW3A	3A BROWN STOCK WASHER	2975, PSDTX778M2
BSW3B	3B BROWN STOCK WASHER	2975, PSDTX778M2
CONC01	NO. 1 CONCENTRATORS	2975, PSDTX778M2
CONC02	NO. 2 CONCENTRATORS	2975, PSDTX778M2
CTRW-1	NO. 1 COOLING TOWER	106.371/09/04/2000
CTRW-2	NO. 2 COOLING TOWER	106.371/09/04/2000
CTRW-6	NO. 6 CHILLER COOLING TOWER	106.371/09/04/2000
CTRW-P1	NO. 1 PAPER MACHINE COOLING TOWER	106.371/09/04/2000
CTRW-P3	NO. 3 PAPER MACHINE COOLING TOWER	106.371/09/04/2000
DIESELLOAD	DIESEL LOADING/UNLOADING	106.472/09/04/2000

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
DIG-1	NO. 1 BATCH DIGESTER	2975, PSDTX778M2
DIG-10	NO. 10 BATCH DIGESTER	2975, PSDTX778M2
DIG-11	NO. 11 BATCH DIGESTER	2975, PSDTX778M2
DIG-12	NO. 12 BATCH DIGESTER	2975, PSDTX778M2
DIG-13	NO. 13 BATCH DIGESTER	2975, PSDTX778M2
DIG-14	NO. 14 BATCH DIGESTER	2975, PSDTX778M2
DIG-15	NO. 15 BATCH DIGESTER	2975, PSDTX778M2
DIG-16	NO. 16 BATCH DIGESTER	2975, PSDTX778M2
DIG-2	NO. 2 BATCH DIGESTER	2975, PSDTX778M2
DIG-3	NO. 3 BATCH DIGESTER	2975, PSDTX778M2
DIG-4	NO. 4 BATCH DIGESTER	2975, PSDTX778M2
DIG-5	NO. 5 BATCH DIGESTER	2975, PSDTX778M2
DIG-6	NO. 6 BATCH DIGESTER	2975, PSDTX778M2
DIG-7	NO. 7 BATCH DIGESTER	2975, PSDTX778M2
DIG-8	NO. 8 BATCH DIGESTER	2975, PSDTX778M2
DIG-9	NO. 9 BATCH DIGESTER	2975, PSDTX778M2
EX5	NO. 5 EXTRUDER	2975, PSDTX778M2
EX7	NO. 7 EXTRUDER LAMINATOR STACK 1	2975, PSDTX778M2
EX7LAM1	NO. 7 EXTRUDER LAMINATOR STACK 1	2975, PSDTX778M2
FIREDIES01	FIRE PUMP DIESEL FUEL TANK	106.472/09/04/2000
FIREPMP4	FIREWATER PUMP #4 SOUTH	106.511/09/04/2000

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
FIREPMPNO	FIREWATER PUMP #1 NORTH	106.511/09/04/2000
FOT	NO. 1 FUEL OIL STORAGE TANK	2975, PSDTX778M2
LF-FUG	LANDFILL FUGITIVES	2975, PSDTX778M2
LK01	NO. 1 LIME KILN	2975, PSDTX778M2
LK02	NO. 2 LIME KILN	2975, PSDTX778M2
LKENG1	LIME KILN ENGINE NO. 1	106.512/06/13/2001
LKENG2	LIME KILN ENGINE NO. 2	106.512/06/13/2001
MEES01	NO. 1 EVAPORATOR SET	2975, PSDTX778M2
MEES02	NO. 2 EVAPORATOR SET	2975, PSDTX778M2
MVFD	MOTOR VEHICLE FUEL DISPENSING	106.412/09/04/2000
PB01	POWER BOILER NO. 1	2975, PSDTX778M2
PB02	POWER BOILER NO. 2	2975, PSDTX778M2
PRO-BLEACH	BLEACHING SYSTEM	2975, PSDTX778M2
PRO-FCOND	PULPING PROCESS CONDENSATE COLLECTION SYSTEM	2975, PSDTX778M2
PRO-HVLC	HIGH VOLUME LOW CONCENTRATION SYSTEM	2975, PSDTX778M2
PRO-LVHC	LOW VOLUME HIGH CONCENTRATION SYSTEM	2975, PSDTX778M2
RB01	NO. 1 RECOVERY FURNACE	2975, PSDTX778M2
RB01A	NO. 1 RECOVERY FURNACE NORTH STACK	2975, PSDTX778M2
RB01B	NO. 1 RECOVERY FURNACE SOUTH STACK	2975, PSDTX778M2
RB02	NO. 2 RECOVERY FURNACE	2975, PSDTX778M2
RB02A	NO. 2 RECOVERY FURNACE WEST STACK	2975, PSDTX778M2

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
RB02B	NO. 2 RECOVERY FURNACE EAST STACK	2975, PSDTX778M2
SM01	NO. 1 SMELT TANK	2975, PSDTX778M2
SM02	NO. 2 SMELT TANK	2975, PSDTX778M2
SST01	NO. 1 SOAP STORAGE TANK	106.472/09/04/2000
SST02	NO. 2 SOAP STORAGE TANK	2975, PSDTX778M2
SVPTANK	SINGLE-VESSEL PROCESS TANK	106.472/09/04/2000
TNK 0058	NO. 2 BLOW TANK	2975, PSDTX778M2
TNK 0059	NO. 1 BLOW TANK	2975, PSDTX778M2
TNK 0063	BSW SERVICE TANK 1A	2975, PSDTX778M2
TNK 0064	BSW SERVICE TANK 2A	2975, PSDTX778M2
TNK 0065	BSW SERVICE TANK 3A	2975, PSDTX778M2
TNK 0166	NO. 3 BLOW TANK	2975, PSDTX778M2
TNK 0167	BSW SERVICE TANK 1B	2975, PSDTX778M2
TNK 0168	BSW SERVICE TANK 2B	2975, PSDTX778M2
TNK 0169	BSW SERVICE TANK 3B	2975, PSDTX778M2
TNK 0362	BLOW HEAT ACCUMULATOR	2975, PSDTX778M2
TNK0115	STARCH SILO #1	2975, PSDTX778M2
TNK0116	STARCH SILO #2	2975, PSDTX778M2
TURP01	NO. 1 TURPENTINE STORAGE TANK	106.472/09/04/2000
TURPLD	MILL LOADING/UNLOADING	106.472/09/04/2000
WPDIES01	WATER PLANT DIESEL TANK	106.472/09/04/2000

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
WPEMENG	WATER PLANT EMERGENCY GENERATOR	106.511/09/04/2000
WPGAS01	NO. 1 WATER PLANT GASOLINE TANK	106.412/09/04/2000
WPGAS02	NO. 2 WATER PLANT GASOLINE TANK	106.412/09/04/2000

Alternative Requirement

Alternative Requirement..... 109

UNITED ATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

RECEIVED
MILL MGMT.
FEB 09 2001

TEXARKANA MILL
FEB 07 2001

MILL MANAGER'S O
TEXARKANA MI

	Rotate
Manager Operations	
Manager Finance	
Manager EHS	✓
Manager Hum. Res.	
Manager Fin. Prod.	
Manager Prl. Mfg.	
Manager Tech Svcs.	
Manager Maintenance	
Manager PS&D	
Mgr. Communications	
[illegible] File:	
File:	

Mr. Greg Wanta
Mill Manager
International Paper Company
P.O. Box 870
Texarkana, Texas 75504

Subject: Approval of an Alternative Monitoring Parameter for 40 CFR 63.45[illegible]

Dear Mr. Wanta:

This letter is in response to the several request letters received in this office, from International Paper Company (IPC) mills operating within the area of jurisdiction of EPA Region VI. Specifically, these three IPC bleached mills are located in: Texarkana, Texas; Pine Bluff, Arkansas; and Bastrop, Louisiana. We appreciate the efforts of Mr. Stephen Schaffer of the Texarkana, Texas mill in coordinating a conference call with all parties involved and a quick turn-around in forwarding this office with the requested information.

We have decided to respond to these IPC mills' letters in a consolidated fashion. The intended effect of this method of response is to expedite our technical review/response time and is not intended to be impersonal toward the other two bleached mills.

As you know, these mills are subject to the requirements of 40 CFR 63 Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry, also known as Cluster Rule. The IPC mills' letters are requesting our approval of use of an alternative monitoring parameter instead of the scrubber inlet gas flow prescribed in 40 CFR 63.453(c)(2) for their bleach plant operations at the above-mentioned facilities.

Per 40 CFR 63.453(m) a source or an operator may choose to adopt an alternative monitoring parameter to comply with the standards established in Subpart S; provided that a Continuous Monitoring System is in place and the source or operator establishes appropriate operating parameters to be monitored in such a way that it will demonstrate continuous compliance with the applicable control requirements to the satisfaction of the Administrator.

Per 40 CFR 63.458(b)(2) the authority for determination and use of an alternative monitoring parameter can not be transferred (delegated) to a State.

According to information provided in these letters and the follow up communications of IPC mills with Mr. Alan Shar of my staff, it is our understanding that:

a) the source shall conduct annual negative pressure checks to ensure that the bleach plant scrubber fan induces the desired negative pressure across the system,

b) the source shall conduct monthly visual inspection under the Leak Detection and Repair plan provisions for the scrubber fan and associated process,

c) the source shall conduct periodic preventive maintenance of the bleach plant scrubber fan to ensure safe and proper operation of the system,

d) the source shall respond immediately to any signs or indications of visible emissions from the scrubber stack, washer hoods, or towers at the bleach plant,

e) it is difficult to install a reliable/suitable in-stream meter to measure the inlet gas flow rate to the bleach plant scrubber due to the corrosive and halogen-rich nature of the scrubber inlet stream; and

f) the proposed alternative monitoring parameter does not relax or jeopardize the stringency of the existing requirements of Subpart S.

Additionally, the source will continuously record/monitor the fan motor amperage loading to ensure proper rotational fan speed and pressure drop for the bleach plant scrubber fan. A successful initial performance test will be conducted to determine an acceptable range of electrical current (amps) within which the fan needs to be operated in.

Furthermore, in case of future replacement of the fan blades or fan motor the source must demonstrate that gas flow rate to the scrubber has not increased as a result of changes to the fan or conduct another performance test to insure that the gas scrubber meets the emission limitations of the air permit. For Subpart S purposes, Region VI does not recognize mere monitoring of an "on/off" fan switch, by itself, as a viable alternative monitoring parameter to the 40 CFR 63.453(c)(2).

Based on the information you supplied us, the Cluster Rule Question and Answer (Q and A's) document of EPA Headquarters dating September 22, 1999, and the 40 CFR 63.453(m) provisions we are of the opinion that IPC mills may choose to adopt and implement the proposed alternative monitoring parameter as described in their correspondences with this office as an alternative monitoring parameter to the 40 CFR 63.453(c)(2).

Please be advised that this alternative monitoring determination shall by no means relieve the source or operator from complying with the applicable Recordkeeping and Reporting Requirements established in 40 CFR 63.454, and 40 CFR 63.455 of Subpart S.

We also recommend you to share a copy of this alternative monitoring parameter determination letter with the appropriate State or local Title V permitting authority for any pending or future air permitting activities relevant to your mill. Consequently, the permitting authority would be able to craft air permit conditions tailored specifically for your bleach plant operations.

Should you need any additional information regarding this determination, please contact me at (214) 665-7220 or Alan Shar of my staff at (214) 665-6691.

Sincerely Yours,

John R. Hepola
Chief
Air/Toxics and Inspection Coordination Branch

cc: Mr. Greg Van Voorhis, IPC (Bastrop)
Mr. Mark George, IPC (Pine Bluff)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

RECEIVED
MILL MGMT.
FEB 09 2001

TEXARKANA MILL FEB 07 2001

Mr. Greg Wanta
Mill Manager
International Paper Company
P.O. Box 870
Texarkana, Texas 75504

Subject: Approval of an Alternative Provisions/Language for Inspection and Monitoring of Closed Collection and Vent Systems in 40 CFR 63 Subpart S

Dear Mr. Wanta:

This letter is in response to the several request letters received in this office, from International Paper Company (IPC) mills operating within the area of jurisdiction of EPA Region VI. Specifically, these five IPC mills are located in: Texarkana, Texas, Pine Bluff, Arkansas, Mansfield, Louisiana, Bastrop, Louisiana, and Pineville, Louisiana. For brevity purposes, we have decided to respond to these IPC mills' letters in one consolidated letter. The intended effect of this method of response is to expedite our technical review/response time and is not intended to be impersonal toward any of the other four mills.

As you know, these mills are subject to the requirements of 40 CFR 63 Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry, also known as Cluster Rule. The IPC mills' letters are requesting our approval of alternative provisions/language for inspection and monitoring of closed collection and vent systems that are designated as unsafe or inaccessible for the Leak Detection and Repair (LDR) purposes of the Cluster Rule at the above-mentioned facilities.

40 CFR 63.453(k) describes the monitoring requirements for each enclosure and closed vent system that captures or transports streams containing Hazardous Air Pollutants (HAP). 40 CFR 63.453(l) describes the monitoring requirements for each HAP-containing pulping process condensates (generated, produced, or associated) with a closed collection system.

40 CFR 63.453(m) states that a source or an operator may choose to adopt an alternative monitoring parameter to comply with the standards established in Subpart S; provided that a Continuous Monitoring System is in place and the source or operator establishes appropriate operating parameters to be monitored in such a way that it will demonstrate continuous compliance with the applicable control requirements to the satisfaction of the Administrator.

40 CFR 63.148(g) and (h) exempt a closed vent system, vapor collection system, fixed roof, cover, or enclosure that is designated as unsafe to inspect from certain leak inspection provisions requirements [see 63.148(b)(1), (b)(2) or (b)(3)(i)].

The Occupational Safety and Health Administration (OSHA), Department of Labor, has set forth the requirements for employers to provide means of fall protection in 29 CFR 1926.501. Elevated pipe bridges, elevated pipes that run on the exterior of the building walls, pipes that run in the vicinity of pressurized or high temperature processes, pipes that run in areas with high potential for exposure to H_2S or chlorinated compounds, locations above 6 feet of OSHA approved catwalk, or work floor are examples of locations that are designated as unsafe or inaccessible, at these mills, for LDR inspection purposes.

According to information provided in these five letters and the follow up communications of IPC mills with Mr. Alan Shar of my staff, it is our understanding that:

a) the source or operator shall maintain and update a site specific LDR plan that will include all mills' locations that are deemed as unsafe or inaccessible to inspect with an explanation why a location is designated as unsafe to inspect,

b) the source or operator shall inspect these unsafe or inaccessible locations at least once every 5 year during the "safe-to-inspect" periods,

c) other mechanisms such as low volume high concentration gas collection systems, steam ejectors, and monitoring of steam valve positions are in place to strengthen the leak detection program in discovering leaks without performing visual inspections at locations designated as unsafe or inaccessible,

d) the mills operate on a rotational shift basis and the proposed alternative monitoring provision and inspection frequency language will provide the mill personnel with greater degree of operational flexibility while complying with the inspection and monitoring standards of the LDR and Cluster Rules, and

e) the proposed language for the alternative monitoring provision and inspection frequency do not relax or jeopardize the stringency of the existing requirements of Subpart S and Title V.

With regards to inspection of the unsafe/inaccessible locations and 40 CFR 63.148(g) and (h) provisions, in addition to other applicable requirements of your permit, the Title V permit for these mills shall contain the following alternate language:

"*closed vent systems, fixed roofs, covers, or enclosures are exempt from the 30-day and annual inspection requirements, provided that the source or operator determines: a) persons conducting the inspection would be exposed to an imminent or potential danger, or b) equipment could not be inspected without elevating the individual higher than 6 feet above or beyond the work platform, walkway, or catwalk*"

"the source or operator shall identify all exempted equipment and explain how the equipment will be inspected during safe-to-inspect periods. The inspection frequency shall be at least once every five calendar-years."

The inclusion of the two above conditions are based on our review of the information you supplied us, the 29 CFR 1926.501 Duty to fall protection, and the 40 CFR 63.453(m).

With regards to the frequency of inspections ["every 30-days" or "at least once every 30 days"] for the closed collections and vent systems in 40 CFR 63.453(k) and (l), in addition to other applicable requirements of your permit, the Title V permit for these mills shall contain the following alternate language:

"inspections shall be conducted once during each calendar-month, with any two consecutive inspections being at least 21 calendar-days apart"

The inclusion of the above condition is based on our review of the information you supplied us, and the 40 CFR 63.453(m).

Please be advised that these approved alternative languages and conditions shall by no means relieve the source or operator from complying with the applicable Recordkeeping of 40 CFR 63.454, Reporting Requirements of 40 CFR 63.455, and Leak inspection provisions of 40 CFR 63.148.

Obviously, we do recommend you to share a copy of this determination letter with the appropriate State or local Title V permitting authority within your area for pending or future air permitting activities relevant to your mill. As a result, the permitting authority would be able to craft air permit conditions tailored specifically for your mill.

Should you need any additional information regarding this determination, please contact me at (214) 665-7220 or Alan Shar of my staff at (214) 665-6691.

Sincerely Yours,

John R. Hepola

John R. Hepola
Chief
Air/Toxics and Inspection Coordination Branch

cc: Mr. Tommy S. Joseph, IPC (Mansfield)
Mr. Greg Van Voorhis, IPC (Bastrop)
Mr. Mark George, IPC (Pine Bluff)
Mr. Kirt J. Cuevas, IPC (Pineville)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
FIRST INTERNATIONAL BUILDING
1201 ELM STREET
DALLAS, TEXAS 75270

JUL 18 1977

Mr. P. F. Adams, Coordinator
Environmental Quality - Air
International Paper Company
P. O. Box 16807
Mobile, Alabama 36616

Dear Mr. Adams:

This is in response to your letter of May 10, 1977 requesting exemptions from the requirements to install and operate an opacity monitor and a continuous SO_2 monitor for the new 800 MMBtu/Hr combination bark boiler at Atlanta, Texas. We understand that your request is to continuously monitor the venturi scrubber operating parameters instead of using a transmissometer because of the moisture content of the emissions, and that you will certify the sulfur content of the oil on a regular basis instead of using a continuous SO_2 monitor.

In regards to the opacity monitor, the measurement of the operating parameters of the venturi scrubber monitors the operating conditions of the air pollution control equipment but does not monitor the operating conditions of the boiler which also affects the quantity of emissions. Hence we can grant your request if, in addition to continuous monitoring and recording of the liquid flowrate to the venturi and of the pressure drop across the venturi, performance tests for particulate matter are conducted on the facility every six months.

We understand that the sulfur content of oil will be about 0.7% (#6 oil) and that the fuel will consist of a mixture of about 70% oil and 30% bark. In accordance with Section 60.45(b), this office can grant your request if you submit to this office on a quarterly basis the documentation showing the analysis of the sulfur content of the oil used in the boiler which will result in SO_2 emissions complying with the New Source Performance Standards.

If the above mentioned conditions are not met, this office cannot grant your request for exemptions from installing and operating the opacity and SO_2 monitors.

7/20/77

cc: Mr. T. C. Payne
Mr. Walter Kiechel
Mr. John Turner
Mr. Jack Kilborn
Mr. Charles Ackel
JHG:rg

If you have any questions concerning this letter, you may contact me by letter to this office, or S. T. Hwang by telephone at (214) 749-7675.

Sincerely yours,

Carl E. Edlund
Chief, Air Compliance Branch
Enforcement Division

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

RECEIVED
MILL MGMT.
JUN 0 3 2003
TEXARKANA MILL

JUN 0 4 2003

Kirt J. Cuevas
Manager
International Paper Company
Texarkana Mill
P.O. Box 870
Texarkana, Texas 75504

RE: Request for Alternative Monitoring for Smelt Tank Scrubbers under 40 CFR §63.864(a)(2)

Dear Mr. Cuevas:

This is in response to your letter dated February 21, 2003, in which you requested approval for an alternative monitoring parameter for the smelt dissolving tank scrubbers, in lieu of the monitoring parameters identified in §63.864(a)(2) of the Pulp and Paper MACT. In your letter, you propose to monitor the fan amperage in lieu of differential pressure across the scrubber. Scrubbing liquid flow rate would also be continuously monitored at both the fan and lower zone spray nozzles.

You indicate in your letter that alternative monitoring provisions are needed because the particulate removal performance of dynamic scrubbers (such as the Ducon UW-4 scrubbers, installed on the No. 1 and No.2 smelt dissolving tanks at your facility) is not governed by pressure drop across the control device. The Ducon UW-4 scrubber operates near atmospheric pressure and relies on the impaction of exhaust gas particles on rotating fan blades, interception by water droplets and the centrifugal force generated by fan blades to separate particles from the gas stream. These dynamic scrubbers rely on fan speed and scrubber liquid flow to ensure optimal particulate matter removal as opposed to differential pressure. Therefore, monitoring of this parameter would not provide a meaningful demonstration of environmental performance.

You further state in your letter that relying on pressure drop as a key performance indicator for a low-pressure scrubber is not technically valid. In addition to being an inappropriate indicator of Ducon performance, the mandated accuracy requirement per § 63.864(a)(2)(i) for differential pressure monitors is +/- 2 inches of water gauge pressure.

Although it would be possible to measure at or below this accuracy requirements, operating differential pressure may deviate from the initial performance test range, but actual environmenta performance is unaffected. This would require corrective action for no valid reason. In support of your request, you have submitted a letter from DUCON Technologies Inc., manufacturer of th scrubber, which states that monitoring the fan amps would provide a suitable indication of the scrubber performance.

International Paper proposes to monitor fan amps for the Ducon UW-4 scrubber because scrubber performance is directly related to fan speed, according to the information from Ducon Technologies that was included in your request letter. You state that these control devices are equipped with constant speed fans that are engineered to generate the flow rate, turbulence and centrifugal force needed for optimal performance. Since these fans are not controlled by variable speed drives, fan speed does not vary and therefore a simple indication of the fan operation, coupled with scrubber liquid flow is all that is required to ensure proper operation. You have proposed that scrubber performance will be demonstrated in the initial performance test. Fan amps and scrubber liquid flow will be monitored at least once each successive 15-minute period and continuous compliance will be determined based on a 3-hour average, as required by the regulations.

Based upon the information that you have provided, EPA Region 6 concurs with International Paper's request to substitute fan amperage data and scrubbing liquid flow rates as alternative monitoring parameters to § 63.864(a)(2) monitoring requirements and accordingly approves this specific request. As a condition for using fan motor amperage and scrubbing liquid flow rate as alternative parameters, you are required to establish operating ranges for the monitoring parameters in the initial performance test. The monitoring of fan amperage applies only to the fans associated with the smelt dissolving tank UW-4 scrubbers. Furthermore, you are still required to satisfy all of the other applicable monitoring and recordkeeping requirements of § 63.864 through § 63.867.

If you have any questions regarding the above determination or require additional information, please feel free to contact Ms. Michelle Kelly, of my staff, at (214) 665-7580.

Sincerely yours,

William K. Honker, P.E.
Chief
Air Toxic and Inspection
Coordination Branch

cc: John Steib, TCEQ - Austin
Charles Murray, TCEQ - Tyler

Appendix A

Acronym List 120

Acronym List

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

ACFM ..... actual cubic feet per minute
AMOC ..... alternate means of control
ARP ..... Acid Rain Program
ASTM ..... American Society of Testing and Materials
B/PA ..... Beaumont/Port Arthur (nonattainment area)
CAM ..... Compliance Assurance Monitoring
CD ..... control device
CEMS ..... continuous emissions monitoring system
CFR ..... Code of Federal Regulations
COMS ..... continuous opacity monitoring system
CVS ..... closed vent system
D/FW ..... Dallas/Fort Worth (nonattainment area)
EP ..... emission point
EPA ..... U.S. Environmental Protection Agency
EU ..... emission unit
FCAA Amendments ..... Federal Clean Air Act Amendments
FOP ..... federal operating permit
gr/100 scf ..... grains per 100 standard cubic feet
HAP ..... hazardous air pollutant
H/G/B ..... Houston/Galveston/Brazoria (nonattainment area)
H_2S ..... hydrogen sulfide
ID No. ..... identification number
lb/hr ..... pound(s) per hour
MACT ..... Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr ..... Million British thermal units per hour
NA ..... nonattainment
N/A ..... not applicable
NADB ..... National Allowance Data Base
NESHAP ..... National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO_x ..... nitrogen oxides
NSPS ..... New Source Performance Standard (40 CFR Part 60)
NSR ..... New Source Review
ORIS ..... Office of Regulatory Information Systems
Pb ..... lead
PBR ..... Permit By Rule
PEMS ..... predictive emissions monitoring system
PM ..... particulate matter
ppmv ..... parts per million by volume
PRO ..... process unit
PSD ..... prevention of significant deterioration
psia ..... pounds per square inch absolute
SIP ..... state implementation plan
SO_2 ..... sulfur dioxide
TCEQ ..... Texas Commission on Environmental Quality
TSP ..... total suspended particulate
TVP ..... true vapor pressure
U.S.C. ..... United States Code
VOC ..... volatile organic compound

Appendix B

Major NSR Summary Table 122

Texas Commission on Environmental Quality
Pulp, Paper, or Paperboard Producing Processes Attributes
Form OP-UA61 (Page 1)
Federal Operating Permit Program

Table 1a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart S: National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry

Date: *02/2025*	**Permit No.:** *O1378*	**Regulated Entity No.:** *RN100543115*
Area Name: *Texarkana Mill*		**Customer Reference No.:** *CN601710460*

Process ID No.	SOP Index No.	Process	By-Pass Line	Flow Indicator	Alternative Monitoring	Construction Date
PRO-LVHC	*63S-1*	*KRAFT*	*YES*	*YES*	*NO*	*93-*
PRO-LVHC	*63S-2*	*KRAFT*	*YES*	*YES*	*NO*	*93-*
PRO-Bleach	*63S-1*	*KRAFT*	*NO*		*YES*	*93-*
PRO-FCond	*63S-1*	*KRAFT*	*NO*		*YES*	*93+*
PRO-HVLC	*63S-1*	*KRAFT*	*YES*	*YES*	*NO*	*93-*
PRO-HVLC	*63S-2*	*KRAFT*	*YES*	*YES*	*NO*	*93-*

Texas Commission on Environmental Quality
Pulp, Paper, or Paperboard Producing Processes Attributes
Form OP-UA61 (Page 2)
Federal Operating Permit Program

Table 1b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart S: National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry

Date: *02/2025*	**Permit No.:** *O1378*	**Regulated Entity No.:** *RN100543115*
Area Name: *Texarkana Mill*		**Customer Reference No.:** *CN601710460*

Process ID No.	SOP Index No.	Clean Condensate Alternative	Alternative ID No.	Control Device at a Kraft, Soda, or Semi-Chemical Process	Sulfite Pulping Process
PRO-LVHC	*63S-1*	*NO*		*VOL*	
PRO-LVHC	*63S-2*	*NO*		*BOIL*	
PRO-Bleach	*63S-1*	*NO*		*VOL*	
PRO-FCond	*63S-1*	*NO*		*VOL* was WEI	
PRO-HVLC	*63S-1*	*NO*		*BOIL44*	
PRO-HVLC	*63S-2*	*NO*		*BOIL*	

Texas Commission on Environmental Quality
Pulp, Paper, or Paperboard Producing Processes Attributes
Form OP-UA61 (Page 3)
Federal Operating Permit Program

Table1c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart S: National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry

Date: *02/2025*	**Permit No.:** *O1378*	**Regulated Entity No.:** *RN100543115*
Area Name: *Texarkana Mill*		**Customer Reference No.:** *CN601710460*

Process ID No.	SOP Index No.	Pulping Process Condensates	Condensate Segregation Method	Condensate Control Tank	Condensate Treatment	Mixed Pond	Daily Monitoring Procedures	Alternative Continuous Monitoring System
PRO-LVHC	*63S-1*	*NONE*						
PRO-LVHC	*63S-2*	*NONE*						
PRO-Bleach	*63S-1*	*NONE*						
PRO-FCond	*63S-1*	*CNTRL*	*NO* was blank	*YES*	*PREM-B*	*NO*	*453J2*	*NO* was blank
PRO-HVLC	*63S-1*	*NONE*						
PRO-HVLC	*63S-2*	*NONE*						

Texas Commission on Environmental Quality
Pulp, Paper, or Paperboard Producing Processes Attributes
Form OP-UA61 (Page 4)
Federal Operating Permit Program

Table 1d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart S: National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry

Date: *02/2025*	**Permit No.:** *O1378*	**Regulated Entity No.:** *RN100543115*
Area Name: *Texarkana Mill*		**Customer Reference No.:** *CN601710460*

Process ID No.	SOP Index No.	Bleaching System	Reduction of Chlorinated HAP Emissions	Monitoring Parameters	Bleaching Plant Provisions	Hypochlorite or Chlorine Bleaching	Method of Reducing Chloroform Air Emissions
PRO-LVHC	*63S-1*						
PRO-LVHC	*63S-2*						
PRO-Bleach	*63S-1*	*YES*	*VOL*	*CMS*	*2001*	*NO*	
PRO-FCond	*63S-1*						
PRO-HVLC	*63S-1*						
PRO-HVLC	*63S-2*						

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 1)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
03/11/2025	*O1378*	*RN100543115*

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

I.	**Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter**		
	A.	**Visible Emissions**	
♦	1.	The application area includes stationary vents constructed on or before January 31, 1972.	☒ Yes ☐ No
♦	2.	The application area includes stationary vents constructed after January 31, 1972. *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.*	☒ Yes ☐ 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.	☐ Yes ☒ No
♦	4.	All stationary vents are addressed on a unit specific basis.	☐ Yes ☒ 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.	☒ Yes ☐ No
♦	6.	The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).	☒ Yes ☐ 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).	☒ Yes ☐ No
♦	8.	Emissions from units in the application area include contributions from uncombined water.	☒ Yes ☐ 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).	☐ Yes ☒ No ☐ N/A

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 2)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
03/11/2025	*O1378*	*RN100543115*

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

I.	**Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)**			
	B.	**Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots**		
	1.	Items a - d determine applicability of any of these requirements based on geographical location.		
♦		a.	The application area is located within the city of El Paso.	☐ Yes ☒ No
♦		b.	The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.	☐ Yes ☒ No
♦		c.	The application area is located in the portion of Harris County inside the loop formed by Beltway 8.	☐ Yes ☒ 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.	☐ Yes ☒ No
		If there is any "Yes" response to Questions I.B.1.a - d, answer Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "No," go to Section I.C.		
	2.	Items a - d determine the specific applicability of these requirements.		
♦		a.	The application area is subject to 30 TAC § 111.143.	☐ Yes ☐ No
♦		b.	The application area is subject to 30 TAC § 111.145.	☐ Yes ☐ No
♦		c.	The application area is subject to 30 TAC § 111.147.	☐ Yes ☐ No
♦		d.	The application area is subject to 30 TAC § 111.149.	☐ Yes ☐ No
	C.	**Emissions Limits on Nonagricultural Processes**		
♦	1.	The application area includes a nonagricultural process subject to 30 TAC § 111.151.		☒ Yes ☐ No
	2.	The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements. *If the response to Question I.C.2 is "No," go to Question I.C.4.*		☒ Yes ☐ No
	3.	All vents from nonagricultural process in the application area are subject to additional monitoring requirements.		☐ Yes ☒ No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 3)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
03/11/2025	*O1378*	*RN100543115*

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

I.	**Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)**		
	C.	**Emissions Limits on Nonagricultural Processes (continued)**	
	4.	The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).	☐ Yes ☒ No
	5.	The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements. *If the response to Question I.C.5 is "No," go to Question I.C.7.*	☐ Yes ☒ No
	6.	All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.	☐ Yes ☐ No
	7.	The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).	☐ Yes ☒ No
	8.	The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements. *If the response to Question I.C.8 is "No," go to Section I.D.*	☐ Yes ☒ No
	9.	All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.	☐ Yes ☐ No
	D.	**Emissions Limits on Agricultural Processes**	
	1.	The application area includes agricultural processes subject to 30 TAC § 111.171.	☐ Yes ☒ No
	E.	**Outdoor Burning**	
♦	1.	Outdoor burning is conducted in the application area. *If the response to Question I.E.1 is "No," go to Section II.*	☒ Yes ☐ No
♦	2.	Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.	☒ Yes ☐ 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.	☒ Yes ☐ No
♦	4.	Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209.	☒ Yes ☐ No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 4)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
03/11/2025	*O1378*	*RN100543115*

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

I.	**Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)**		
	E.	**Outdoor Burning (continued)**	
♦	5.	Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211.	☐ Yes ☒ No
♦	6.	Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.	☐ Yes ☒ No
♦	7.	The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215.	☐ Yes ☒ No
II.	**Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds**		
	A.	**Temporary Fuel Shortage Plan Requirements**	
	1.	The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18.	☒ Yes ☐ No
III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds**		
	A.	**Applicability**	
♦	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. *See instructions for inclusive counties. If the response to Question III.A.1 is "No," go to Section IV.*	☒ Yes ☐ No
	B.	**Storage of Volatile Organic Compounds**	
♦	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.	☒ Yes ☐ No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 5)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
03/11/2025	*O1378*	*RN100543115*

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	C.	**Industrial Wastewater**	
	1.	The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140. *If the response to Question III.C.1 is "No" or "N/A," go to Section III.D.*	☐ Yes ☐ No ☒ N/A
	2.	The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area. *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.*	☐ Yes ☐ 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). *If the response to Question III.C.3 is "Yes," go to Section III.D.*	☐ Yes ☐ 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). *If the response to Question III.C.4 is "Yes," go to Section III.D.*	☐ Yes ☐ 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).	☐ Yes ☐ 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).	☐ Yes ☐ 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).	☐ Yes ☐ No
	D.	**Loading and Unloading of VOCs**	
♦	1.	The application area includes VOC loading operations.	☒ Yes ☐ No
♦	2.	The application area includes VOC transport vessel unloading operations. *For GOP applications, if the responses to Questions III.D.1 - D.2 are "No," go to Section III.E.*	☒ Yes ☐ No

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III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	D.	**Loading and Unloading of VOCs (continued)**	
♦	3.	Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.	☐ Yes ☒ No
	E.	**Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities**	
♦	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. *If the response to Question III.E.1 is "No," go to Section III.F.*	☒ YES ☐ 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.	☐ YES ☒ 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. *If the response to Question III.E.2 and/or E.3 is "Yes," go to Section III.F.*	☐ Yes ☒ No
♦	4.	The application area is located in a covered attainment county as defined in 30 TAC § 115.10. *If the response to Question III.E.4 is "No," go to Question III.E.9.*	☒ Yes ☐ No
♦	5.	Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	☐ Yes ☒ No
♦	6.	Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	☒ Yes ☐ No
♦	7.	At facilities located in a covered attainment county 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. *If the response to Question III.E.7 is "Yes," go to Section III.F.*	☒ Yes ☐ No

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III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	E.	**Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)**	
♦	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. *If the response to Question III.E.8 is "Yes," go to Section III.F.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
	F.	**Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)**	
♦	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.	☐ Yes ☐ No ☐ N/A

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III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	F.	**Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)**	
♦	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.	☐ Yes ☐ No ☐ 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.	☐ Yes ☐ No ☐ N/A
	G.	**Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities**	
♦	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. *If the response to Question III.G.1 is "No" or "N/A," go to Section III.H.*	☐ Yes ☐ No ☒ N/A
♦	2.	The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012.	☐ Yes ☐ No
♦	3.	The application area includes facilities that began construction prior to November 15, 1992. *If the responses to Questions III.G.2 and III.G.3 are both "No," go to Section III.H.*	☐ Yes ☐ No
♦	4.	The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline.	☐ Yes ☐ 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.	☐ Yes ☐ No ☐ N/A

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III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	H.	**Control of Reid Vapor Pressure (RVP) of Gasoline**	
♦	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. *If the response to Question III.H.1 is "No" or "N/A," go to Section III.I.*	☐ Yes ☐ No ☒ 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.	☐ Yes ☐ No
♦	3.	The application area includes a motor vehicle fuel dispensing facility.	☐ Yes ☐ No
♦	4.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.	☐ Yes ☐ No
	I.	**Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries**	
	1.	The application area is located at a petroleum refinery.	☐ Yes ☒ No
	J.	**Surface Coating Processes (Complete this section for GOP applications only.)**	
♦	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.	☐ Yes ☐ No ☐ 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. *If the response to Question III.K.1 is "N/A," go to Section III.L.*	☐ Yes ☐ No ☒ 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.	☐ Yes ☐ No ☐ N/A
	3.	Asphalt emulsion is used or produced within the application area.	☐ Yes ☐ No
	4.	The application area is using an alternate control requirement as specified in 30 TAC § 115.513. *If the response to Question III.K.4 is "No," go to Section III.L.*	☐ Yes ☐ 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).	☐ Yes ☐ No
	6.	The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.	☐ Yes ☐ No
	7.	The applicant using cutback asphalt is a state, municipal, or county agency.	☐ Yes ☐ 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. *If the response to Question III.L.1 is "No" or "N/A," go to Section III.M.*	☐ Yes ☐ No ☒ N/A
♦	2.	Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area. *If the response to Question III.L.2 is "Yes," go to Section III.M.*	☐ Yes ☐ No ☐ N/A

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III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	L.	**Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)**	
♦	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.	☐ Yes ☐ No ☐ 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.	☐ Yes ☐ No ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No ☐ 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 ≥ 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area.	☐ Yes ☐ No ☐ N/A
	M.	**Petroleum Dry Cleaning Systems**	
	1.	The application area contains one or more petroleum dry cleaning facilities that use petroleum-based solvents.	☐ Yes ☐ No ☒ N/A

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III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	N.	**Vent Gas Control (Highly Reactive Volatile Organic Compounds (HRVOC)**	
	1.	The application area includes one or more vent gas streams containing HRVOC.	☐ Yes ☐ No ☒ N/A
	2.	The application area includes one or more flares that emit or have the potential to emit HRVOC. *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.*	☐ Yes ☐ No ☒ 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.	☐ Yes ☐ 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. *If the responses to Questions III.N.3 and III.N.4 are both "Yes," go to Section III.O.*	☐ Yes ☐ No
	5.	The application area contains pressure relief valves that are not controlled by a flare.	☐ Yes ☐ No
	6.	The application area has at least one vent stream which has no potential to emit HRVOC.	☐ Yes ☐ No
	7.	The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).	☐ Yes ☐ No
	O.	**Cooling Tower Heat Exchange Systems (HRVOC)**	
	1.	The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC.	☐ Yes ☐ No ☒ 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. *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.*	☐ Yes ☒ No
	2.	The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln. *If the response to Question IV.A.2 is "Yes," go to Question IV.H.1.*	☐ Yes ☒ No
	3.	The application area includes a utility electric generator in an east or central Texas county. *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.*	☐ Yes ☒ 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. *If the response to Question IV.B.1 is "No," go to Question IV.C.1.*	☐ Yes ☐ No
	2.	The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.	☐ Yes ☐ 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. *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.*	☐ Yes ☐ NO
♦	2.	The application area is located at a site that was a major source of NO_X before November 15, 1992.	☐ Yes ☐ No ☐ N/A
♦	3.	The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.	☐ Yes ☐ No
	D.	**Adipic Acid Manufacturing**	
	1.	The application area is located at, or part of, an adipic acid production unit.	☐ Yes ☐ No ☐ N/A
	E.	**Nitric Acid Manufacturing - Ozone Nonattainment Areas**	
	1.	The application area is located at, or part of, a nitric acid production unit.	☐ Yes ☐ No ☐ 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_X in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County). *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.*	☐ Yes ☐ 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).	☐ Yes ☐ 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).	☐ Yes ☐ 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.	☐ Yes ☐ No
♦	5.	The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110.	☐ Yes ☐ 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. *If the response to Question IV.F.6 is "No," go to Section IV.G.*	☐ Yes ☐ No
	7.	An ACSS for carbon monoxide (CO) has been approved?	☐ Yes ☐ No
	8.	An ACSS for ammonia (NH_3) has been approved?	☐ Yes ☐ 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. *If the response to Question IV.G.1 is "No," go to Question IV.H.1.*	☐ Yes ☐ No
	2.	The application area is complying with the System Cap in 30 TAC § 117.3020.	☐ Yes ☐ 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. *If the response to question IV.H.1 is "No," go to Section V.*	☐ Yes ☒ No
	2.	All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.	☐ Yes ☐ 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 refinish coatings or coating components and sells or distributes these coatings or coating components in the United States.	☐ Yes ☒ No
2.	The application area imports automobile refinish coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States. *If the responses to Questions V.A.1 and V.A.2 are both "No," go to Section V.B.*	☐ Yes ☒ No
3.	All automobile refinish 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).	☐ Yes ☐ 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.	☐ Yes ☒ 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.	☐ Yes ☒ No
3.	The application area is a distributor of consumer products whose name appears on the label of one or more of the products. *If the responses to Questions V.B.1 - V.B.3 are all "No," go to Section V.C.*	☐ Yes ☒ 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).	☐ Yes ☐ 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 (continued)**		
	C.	**Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings**	
	1.	The application area manufactures or imports architectural coatings for sale or distribution in the United States.	☐ Yes ☒ No
	2.	The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. *If the responses to Questions V.C.1-2 are both "No," go to Section V.D.*	☐ Yes ☒ 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).	☐ Yes ☐ No
	D.	**Subpart E - National Volatile Organic Compound Emission Standards for Aerosol Coatings**	
	1.	The application area manufactures or imports aerosol coating products for sale or distribution in the United States.	☐ Yes ☒ No
	2.	The application area is a distributor of aerosol coatings for resale or distribution in the United States.	☐ Yes ☒ No
	E.	**Subpart F - Control of Evaporative Emissions from New and In-Use Portable Fuel Containers**	
	1.	The application area manufactures or imports portable fuel containers for sale or distribution in the United States. *If the response to Question V.E.1 is "No," go to Section VI.*	☐ Yes ☒ 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).	☐ Yes ☐ No
VI.	**Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards**		
	A.	**Applicability**	
♦	1.	The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts. *If the response to Question VI.A.1 is "No," go to Section VII.*	☒ Yes ☐ 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. *If the response to Question VI.B.1 is "No," go to Section VI.C.*	☐ Yes ☒ No
	2.	The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). *If the response to Question VI.B.2 is "No," go to Section VI.C.*	☐ Yes ☐ No
	3.	The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. *If the response to Question VI.B.3 is "Yes," go to Section VI.C.*	☐ Yes ☐ No
	4.	The plant contains an open storage pile, as defined in § 60.251, as an affected facility. *If the response to Question VI.B.4 is "No," go to Section VI.C.*	☐ Yes ☐ No
	5.	The open storage pile was constructed, reconstructed or modified after May 27, 2009.	☐ Yes ☐ 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. *If the response to Question VI.C.1 is "No" or "N/A," go to Section VI.E.*	☐ Yes ☐ No ☐ 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. *If the response to Question VI.C.2 is "No," go to Section VI.E.*	☐ Yes ☐ 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).	☐ Yes ☐ 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.	☐ Yes ☐ No

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VI.	**Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**		
	C.	**Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)**	
♦	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.	☐ Yes ☐ No
	D.	**Subpart XX - Standards of Performance for Bulk Gasoline Terminals**	
	1.	The application area includes bulk gasoline terminal loading racks. *If the response to Question VI.D.1 is "No," go to Section VI.E.*	☐ Yes ☒ No ☐ 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.	☐ Yes ☐ No
	E.	**Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO_2) Emissions**	
♦	1.	The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). *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 or "N/A," go to Section VI.H.*	☐ Yes ☒ No
♦	2.	The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011. *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.*	☐ Yes ☐ 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. *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.*	☐ Yes ☐ No

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

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_2) Emissions (continued)**	
♦	4.	Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD. *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.*	☐ Yes ☐ 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. *If the response to Question VI.F.1 is "No," go to Section VI.G.*	☐ Yes ☒ 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.	☐ Yes ☐ 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. *If the response to Question VI.G.1 is "No," go to Section VI.H.*	☐ Yes ☒ No
	2.	The application area includes storm water sewer systems.	☐ Yes ☐ No

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

VI.	**Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**		
	G.	**Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)**	
	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.	☐ Yes ☐ No
	4.	The application area includes non-contact cooling water systems.	☐ Yes ☐ No
	5.	The application area includes individual drain systems. *If the response to Question VI.G.5 is "No," go to Section VI.H.*	☐ Yes ☐ No
	6.	The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	☐ Yes ☐ No
	7.	The application area includes completely closed drain systems.	☐ Yes ☐ No
	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**	
♦	1.	The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. *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.*	☐ Yes ☒ No ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
♦	4.	The application area includes at least one air curtain incinerator. *If the response to Question VI.H.4 is "No," go to Section VI.I.*	☐ Yes ☒ No

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

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. *If the response to Question VI.H.5 is "No," go to Question VI.H.7.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *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.*	☐ Yes ☒ No ☐ 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.	☐ Yes ☐ No

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

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.	☐ Yes ☐ No
♦	4.	The application area includes at least one air curtain incinerator. *If the response to Question VI.I.4 is "No," go to Section VI.J.*	☐ Yes ☒ 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. *If the response to Question VI.I.5 is "No," go to VI.I.7.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No

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

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. *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.*	☐ Yes ☒ No ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
♦	4.	The application area includes at least one air curtain incinerator. *If the response to Question VI.J.4 is "No," go to Section VI.K.*	☐ Yes ☒ 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. *If the response to Question VI.J.5 is "No," go to Question VI.J.7.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No

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

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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☒ 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. *If the response to Question VII.A.1 is "No" or "N/A," go to Section VIII.*	☒ Yes ☐ No ☐ 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.	☐ Yes ☒ 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.	☐ Yes ☐ No ☐ 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). *If the response to Question VII.D.1 is "No," go to Section VII.E.*	☐ Yes ☒ No
	2.	The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b).	☐ Yes ☐ No
	3.	The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.	☐ Yes ☐ 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. *If the response to Question VII.E.1 is "No," go to Section VII.F.*	☒ Yes ☐ No
		Roadway Construction	
	2.	The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	☐ Yes ☒ No
		Manufacturing Commercial Asbestos	
	3.	The application area includes a manufacturing operation using commercial asbestos. *If the response to Question VII.E.3 is "No," go to Question VII.E.4.*	☐ Yes ☒ No
		a. Visible emissions are discharged to outside air from the manufacturing operation	☐ Yes ☐ No
		b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.	☐ Yes ☐ No

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

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)**	
		***Manufacturing Commercial Asbestos* (continued)**	
	c.	Asbestos-containing waste material is processed into non-friable forms.	☐ Yes ☐ No
	d.	Asbestos-containing waste material is adequately wetted.	☐ Yes ☐ No
	e.	Alternative filtering equipment is being used that has received EPA approval.	☐ Yes ☐ 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	☐ 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
		Asbestos Spray Application	
4.		The application area includes operations in which asbestos-containing materials are spray applied. *If the response to Question VII.E.4 is "No," go to Question VII.E.5.*	☐ Yes ☒ No
	a.	Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying. *If the response to Question VII.E.4.a is "Yes," go to Question VII.E.5.*	☐ Yes ☐ No
	b.	Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.	☐ Yes ☐ No
	c.	An alternative emission control and waste treatment method is being used that has received prior EPA approval.	☐ Yes ☐ No

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

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)**	
		Asbestos Spray Application **(continued)**	
	d.	Asbestos-containing waste material is processed into non-friable forms.	☐ Yes ☐ No
	e.	Asbestos-containing waste material is adequately wetted.	☐ Yes ☐ No
	f.	Alternative filtering equipment is being used that has received EPA approval.	☐ Yes ☐ No
	g.	A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles.	☐ Yes ☐ 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.	☐ Yes ☐ No
		Fabricating Commercial Asbestos	
5.		The application area includes a fabricating operation using commercial asbestos. *If the response to Question VII.E.5 is "No," go to Question VII.E.6.*	☐ Yes ☒ No
	a.	Visible emissions are discharged to outside air from the manufacturing operation.	☐ Yes ☐ No
	b.	An alternative emission control and waste treatment method is being used that has received prior EPA approval.	☐ Yes ☐ No
	c.	Asbestos-containing waste material is processed into non-friable forms.	☐ Yes ☐ No
	d.	Asbestos-containing waste material is adequately wetted.	☐ Yes ☐ No
	e.	Alternative filtering equipment is being used that has received EPA approval.	☐ Yes ☐ No

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

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

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.	☐ Yes ☐ No
4.	The application area includes benzene transfer operations at tank-truck loading racks.	☐ Yes ☐ 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.	☐ Yes ☒ 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). *If the responses to Questions VII.H.1 and VII.H.2 are both "No," go to Section VIII.*	☐ Yes ☒ No
3.	The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates. *If the response to Question VII.H.3 is "Yes," go to Section VIII.*	☐ Yes ☐ 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). *If the response to Question VII.H.4 is "Yes," go to Section VIII*	☐ Yes ☐ 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. *If the response to Question VII.H.5 is "Yes," go to Section VIII.*	☐ Yes ☐ 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.	☐ Yes ☐ No
7.	The application area has waste streams with flow-weighted annual average water content of 10% or greater.	☐ Yes ☐ 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).	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
11.	The application area transfers waste off-site for treatment by another facility.	☐ Yes ☐ No
12.	The application area is complying with 40 CFR § 61.342(d).	☐ Yes ☐ No
13.	The application area is complying with 40 CFR § 61.342(e). *If the response to Question VII.H.13 is "No," go to Question VII.H.15.*	☐ Yes ☐ No
14.	The application area has facility waste with a flow weighted annual average water content of less than 10%.	☐ Yes ☐ 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)**	
	Container Requirements	
15.	The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste. *If the response to Question VII.H.15 is "No," go to Question VII.H.18.*	☐ Yes ☐ No
16.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. *If the response to Question VII.H.16 is "Yes," go to Question VII.H.18.*	☐ Yes ☐ No
17.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	☐ Yes ☐ No
	Individual Drain Systems	
18.	The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste. *If the response to Question VII.H.18 is "No," go to Question VII.H.25.*	☐ Yes ☐ No
19.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. *If the response to Question VII.H.19 is "Yes," go to Question VII.H.25.*	☐ Yes ☐ No
20.	The application area has individual drain systems complying with 40 CFR § 61.346(a). *If the response to Question VII.H.20 is "No," go to Question VII.H.22.*	☐ Yes ☐ 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.	☐ Yes ☐ 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)**	
		***Individual Drain Systems* (continued)**	
	22.	The application area has individual drain systems complying with 40 CFR § 61.346(b). *If the response to Question VII.H.22 is "No," go to Question VII.H.25.*	☐ Yes ☐ 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.	☐ Yes ☐ No
	24.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	☐ Yes ☐ No
		Remediation Activities	
	25.	Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.	☐ Yes ☐ No
VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories**		
	A.	**Applicability**	
♦	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. *See instructions for 40 CFR Part 63 subparts made applicable only by reference.*	☒ Yes ☐ No
	B.	**Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry**	
	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). *If the response to Question VIII.B.1 is "No," go to Section VIII.D.*	☒ 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)**	
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). *If the response to Question VIII.B.2 is "No," go to Section VIII.D.*	☐ Yes ☒ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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 not 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. *If the response to Questions VIII.B.3, B.4 and B.5 are all "No," go to Section VIII.D.*	☐ 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)		
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. *If the response to Question VIII.C.1 is "No," go to Section VIII.D.*	☐ Yes ☐ No
2.	The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.	☐ Yes ☐ No
3.	The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148. *If the response to Question VIII.C.3 is "No," go to Question VIII.C.8.*	☐ Yes ☐ No
4.	The application area includes vapor collection systems or closed-vent systems that are constructed of hard piping.	☐ Yes ☐ 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. *If the response to Question VIII.C.5 is "No," go to Question VIII.C.8.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ 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)**	
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. *If the response to Question VIII.C.8 is "No," go to Question VIII.C.11.*	☐ Yes ☐ No
9.	The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater.	☐ 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. *If the response to Question VIII.C.12 is "No," go to Question VIII.C.34.*	☐ Yes ☐ No
13.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. *If the response to Question VIII.C.13 is "No," go to Question VIII.C.15.*	☐ Yes ☐ No
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. *If the response to Question VIII.C.15 is "No," go to Question VIII.C.17.*	☐ 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)		
	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).	☐ Yes ☐ No
17.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272. *If the response to Question VIII.C.17 is "No," go to Question VIII.C.20.*	☐ Yes ☐ No
18.	The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).	☐ Yes ☐ No
19.	The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii).	☐ Yes ☐ 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.	☐ Yes ☐ No
21.	The application area includes process wastewater streams, located at existing sources that are Group 2.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ 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)**	
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. *If the response to Question VIII.C.24 is "Yes," go to Question VIII.C.34.*	☐ Yes ☐ 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. *If the response to Question VIII.C.25 is "No," go to Question VIII.C.27.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
28.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.C.27 - VIII.C.28 are both "No," go to Question VIII.C.30.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ 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)**	
	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. *If the response to Question VIII.C.31 is "No," go to Question VIII.C.34.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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). *If the response to Question VIII.C.34 is "No," go to Question VIII.C.39.*	☐ Yes ☐ 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). *If the response to Question VIII.C.35 is "No," go to Question VIII.C.39.*	☐ Yes ☐ 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.	☐ 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)**	
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)**	
	***Drains* (continued)**	
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.	☐ Yes ☐ 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.	☐ Yes ☐ No
	Gas Streams	
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.	☐ Yes ☐ 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).	☐ Yes ☐ No
D.	**Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks**	
1.	The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations.	☐ 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)**	
E.	**Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities**	
1.	The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials. *If the response to Question VIII.E.1 is "No," go to Section VIII.F.*	☐ Yes ☒ No
2.	Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O. *If the response to Question VIII.E.2 is "No," go to Section VIII.F.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
F.	**Subpart Q - National Emission Standards for Industrial Process Cooling Towers**	
1.	The application area includes industrial process cooling towers. *If the response to Question VIII.F.1 is "No," go to Section VIII.G.*	☒ Yes ☐ No
2.	Chromium-based water treatment chemicals have been used on or after September 8, 1994.	☐ Yes ☒ No
G.	**Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)**	
1.	The application area includes a bulk gasoline terminal.	☐ Yes ☒ No
2.	The application area includes a pipeline breakout station. *If the responses to Questions VIII.G.1 and VIII.G.2 are both "No," go to Section VIII.H.*	☐ Yes ☒ 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. *If the response to Question VIII.G.3 is "Yes," go to Question VIII.G.10.*	☐ 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)**	
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. *If the response to Question VIII.G.4 is "Yes," go to Question VIII.G.10.*	☐ Yes ☐ No
5.	An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station. *If the response to Question VIII.G.5 is "No," go to Question VIII.G.10.*	☐ Yes ☐ 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). *If the response to Question VIII.G.6 is "No," go to Question VIII.G.10.*	☐ Yes ☐ No
7.	Emissions screening factor less than 0.5 (ET or EP < 0.5). *If the response to Question VIII.G.7 is "Yes," go to Section VIII.H.*	☐ Yes ☐ No
8.	Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0). *If the response to Question VIII.G.8 is "Yes," go to Section VIII.H.*	☐ Yes ☐ No
9.	Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0). *If the response to Question VIII.G.9 is "Yes," go to Question VIII.G.11.*	☐ Yes ☐ No
10.	The site at which the application area is located is a major source of HAP. *If the response to Question VIII.G.10 is "No," go to Section VIII.H.*	☐ Yes ☐ No
11.	The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).	☐ 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)**	
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. *If the response to Question VIII.H.1 is "No," go to Section VIII.I.*	☒ Yes ☐ No
2.	The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3). *If the response to Question VIII.H.2 is "No," go to Section VIII.I.*	☒ Yes ☐ No
3.	The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources. *If the response to Question VIII.H.3 is "No," go to Section VIII.I.*	☒ Yes ☐ No
4.	The application area includes one or more kraft pulping systems that are existing sources.	☒ Yes ☐ No
5.	The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.	☐ Yes ☒ 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. *If the response to Question VIII.H.6 is "No," go to Section VIII.I.*	☐ Yes ☒ No
7.	The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).	☐ Yes ☐ No
8.	The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).	☐ 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)**	
I.	**Subpart T - National Emission Standards for Halogenated Solvent Cleaning**	
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.	☐ Yes ☒ 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.	☐ Yes ☒ 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.	☐ Yes ☒ No
J.	**Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins**	
1.	The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units. *If the response to Question VIII.J.1 is "No," go to Section VIII.K.*	☐ Yes ☒ 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. *If the response to Question VIII.J.2 is "No," go to Section VIII.K.*	☐ Yes ☐ 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.	☐ Yes ☐ No
4.	The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.	☐ 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)**	
	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. *If the response to Question VIII.J.5 is "Yes," go to Question VIII.J.15.*	☐ Yes ☐ 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. *If the response to Question VIII.J.6 is "No," go to Question VIII.J.8.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
9.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.J.8 - VIII.J.9 are both "No," go to Question VIII.J.11.*	☐ Yes ☐ 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.	☐ 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)**	
J.	**Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)**	
	Containers	
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.	☐ Yes ☐ No
	Drains	
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. *If the response to Question VIII.J.12 is "No," go to Question VIII.J.15.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
15.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit. *If the response to Question VIII.J.15 is "No," go to Section VIII.K.*	☐ Yes ☐ 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). *If the response to Question VIII.J.16 is "No," go to Section VIII.K.*	☐ 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)**	
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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the response to Question VIII.K.1 is "No" or "N/A," go to Section VIII.L.*	☐ Yes ☒ No ☐ N/A
2.	The application area includes a BLR and/or WSR research and development facility.	☐ 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)**	
L.	**Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting**	
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. *If the response to Question VIII.L.1 is "No" or "N/A," go to Section VIII.M.*	☐ Yes ☒ No ☐ 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.	☐ Yes ☐ No
M.	**Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations**	
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.	☐ Yes ☒ No
N.	**Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries**	
	Applicability	
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). *If the response to Question VIII.N.1 is "No," go to Section VIII.O.*	☐ Yes ☒ 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). *If the response to Question VIII.N.2 is "Yes," go to Section VIII.O.*	☐ 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)**	
	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). *If the response to Question VIII.N.3 is "No," go to Section VIII.O.*	☐ Yes ☐ 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. *If the response to Question VIII.N.4 is "No," go to Section VIII.O.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the response to Question VIII.N.7 is "No," go to Question VIII.N.13.*	☐ Yes ☐ No
8.	The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).	☐ 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)**	
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). *If the response to Question VIII.N.9 is "No," go to Question VIII.N.13.*	☐ Yes ☐ No
10.	The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	☐ 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
13.	The application area includes Group 1 gasoline loading racks as specified in § 63.650(a).	☐ 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). *If the response to Question VIII.O.1 is "No" or "N/A," go to Section VIII.P*	☐ Yes ☒ No ☐ N/A
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).	☐ Yes ☐ 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."	☐ Yes ☐ No
6.	The predominant activity in the application area is the treatment of wastewater received from off-site.	☐ Yes ☐ 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).	☐ Yes ☐ 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.	☐ YES ☐ 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).	☐ Yes ☐ 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. *If the response to Question VIII.O.10 is "Yes," go to Section VIII.P.*	☐ 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)**	
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. *If the response to Question VIII.O.11 is "No," go to Question VIII.O.14.*	☐ Yes ☐ No
12.	VOHAP concentration is determined by direct measurement.	☐ Yes ☐ No
13.	VOHAP concentration is based on knowledge of the off-site material.	☐ Yes ☐ 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. *If the response to Question VIII.O.14 is "No," go to Question VIII.O.17.*	☐ Yes ☐ 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.	☐ Yes ☐ No
16.	An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.	☐ Yes ☐ No
17.	The application area includes containers that manage non-exempt off-site material.	☐ Yes ☐ No
18.	The application area includes individual drain systems that manage non-exempt off-site materials.	☐ 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)**		
	P.	**Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities**	
	1.	The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. *If the response to Question VIII.P.1 is "No" or "N/A," go to Section VIII.Q.*	☐ Yes ☒ No ☐ N/A
	2.	The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	☐ Yes ☐ No
	Q.	**Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.**	
♦	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.	☐ Yes ☒ 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. *For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.R.* *For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.Z.*	☐ Yes ☒ No
♦	3.	The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. *For SOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.R.* *For GOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.Z.*	☐ Yes ☐ No
♦	4.	The application area is located at a site that is a major source of HAP. *If the response to Question VIII.Q.4 is "No," go to Question VIII.Q.6.*	☐ 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)**		
	Q.	**Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)**	
♦	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^3) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day. *For SOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.R.* *For GOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.Z.* *For all applications, if the response to Question VIII.Q.5 is "No," go to Question VIII.Q.9.*	☐ Yes ☐ No
♦	6.	The application area includes a triethylene glycol (TEG) dehydration unit. *For SOP applications, f 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.*	☐ Yes ☐ No
♦	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.	☐ Yes ☐ No
♦	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.	☐ Yes ☐ No
♦	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).	☐ 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)		
R.	**Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)**	
1.	The application area includes shipbuilding or ship repair operations. *If the response to Question VIII.R.1 is "NO," go to Section VIII.S.*	☐ Yes ☒ No
2.	Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.	☐ Yes ☐ No
S.	**Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations**	
1.	The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations. *If the response to Question VIII.S.1 is "No" or "N/A," go to Section VIII.T.*	☐ Yes ☒ No ☐ N/A
2.	The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.	☐ Yes ☐ No
T.	**Subpart KK - National Emission Standards for the Printing and Publishing Industry**	
1.	The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.	☐ Yes ☒ No ☐ N/A
U.	**Subpart PP - National Emission Standards for Containers**	
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. *If the response to Question VIII.U.1 is "NO," go to Section VIII.V.*	☐ Yes ☒ No
2.	The application area includes containers using Container Level 1 controls.	☐ Yes ☐ No
3.	The application area includes containers using Container Level 2 controls.	☐ 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)**	
U.	**Subpart PP - National Emission Standards for Containers (continued)**	
4.	The application area includes containers using Container Level 3 controls.	☐ Yes ☐ No
V.	**Subpart RR - National Emission Standards for Individual Drain Systems**	
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.	☒ Yes ☐ No
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards**	
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.	☐ Yes ☒ 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. *If the responses to Questions VIII.W.1 and VIII.W.2 are both "No," go to Question VIII.W.20.*	☐ Yes ☒ 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).	☐ Yes ☐ 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).	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the response to Question VIII.W.6 is "No," go to Question VIII.W.8.*	☐ 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)**	
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**	
7.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐ Yes ☐ 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.	☐ Yes ☐ No
9.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.W.8 and W.9 are both "No," go to Question VIII.W.11.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the response to Question VIII.W.12 is "No," go to Question VIII.W.15.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ 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)**	
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. *If the response to Question VIII.W.15 is "No," go to Question VIII.W.20.*	☐ Yes ☐ 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). *If the response to Question VIII.W.16 is "No," go to Question VIII.W.20.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ 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)**	
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.	☐ Yes ☐ No
20.	The application area includes an ethylene production process unit.	☐ Yes ☒ No ☐ N/A
21.	The application area includes waste streams generated from an ethylene production process unit. *If the responses to Questions VIII.W.20 and VIII.W.21 are both "No" or "N/A," go to Question VIII.W.54.*	☐ Yes ☒ No ☐ 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). *If the response to Question VIII.W.22 is "No," go to Question VIII.W.54.*	☐ Yes ☐ No
23.	Waste stream(s) are transferred off-site for treatment. *If the response to Question VIII.W.23 is "No," go to Question VIII.W.25.*	☐ Yes ☐ No
24.	The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. *If the response to Question VIII.W.24 is "No," go to Question VIII.W.54.*	☐ 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)**	
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**	
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).	☐ Yes ☐ 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). *If the response to Question VIII.W.26 is "No," go to Question VIII.W.43.*	☐ Yes ☐ 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. *If the response to Question VIII.W.27 is "No," go to Question VIII.W.43.*	☐ Yes ☐ 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). *If the response to Question VIII.W.28 is "No," go to Question VIII.W.33.*	☐ Yes ☐ No
29.	The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	☐ Yes ☐ No
30.	The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. *If the response to Question VIII.W.30 is "No," go to Question VIII.W.43.*	☐ Yes ☐ 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.	☐ 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)**	
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. *If the response to Question VIII.W.32 is required, go to Question VIII.W.43.*	☐ Yes ☐ No
33.	The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream. *If the response to Question VIII.W.33 is "No," go to Question VIII.W.36.*	☐ Yes ☐ No
34.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. *If the response to Question VIII.W.34 is "Yes," go to Question VIII.W.36.*	☐ Yes ☐ No
35.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	☐ Yes ☐ 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. *If the response to Question VIII.W.36 is "No," go to Question VIII.W.43.*	☐ Yes ☐ No
37.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. *If the response to Question VIII.W.37 is "Yes," go to Question VIII.W.43.*	☐ Yes ☐ No

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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). *If the response to Question VIII.W.38 is "No," go to Question VIII.W.40.*	☐ Yes ☐ 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.	☐ Yes ☐ No
40.	The application area has individual drain systems complying with 40 CFR § 61.346(b). *If the response to Question VIII.W.40 is "No," go to Question VIII.W.43.*	☐ Yes ☐ 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.	☐ Yes ☐ No
42.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	☐ Yes ☐ No
43.	The application area has at least one waste stream that contains benzene. *If the response to Question VIII.W.43 is "No," go to Question VIII.W.54.*	☐ Yes ☐ No
44.	The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene. *If the response to Question VIII.W.44 is "No," go to Question VIII.W.47.*	☐ Yes ☐ No
45.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. *If the response to Question VIII.W.45 is "Yes," go to Question VIII.W.47.*	☐ Yes ☐ No

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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.	☐ Yes ☐ 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. *If the response to Question VIII.W.47 is "No," go to Question VIII.W.54.*	☐ Yes ☐ No
48.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. *If the response to Question VIII.W.48 is "Yes," go to Question VIII.W.54.*	☐ Yes ☐ No
49.	The application area has individual drain systems complying with 40 CFR § 61.346(a). *If the response to Question VIII.W.49 is "No," go to Question VIII.W.51.*	☐ Yes ☐ 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.	☐ Yes ☐ No
51.	The application area has individual drain systems complying with 40 CFR § 61.346(b). *If the response to Question VIII.W.51 is "No," go to Question VIII.W.54.*	☐ Yes ☐ 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.	☐ 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)		
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**	
53.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	☐ Yes ☐ No
54.	The application area contains a cyanide chemicals manufacturing process. *If the response to Question VIII.W.54 is "No," go to Section VIII.X.*	☐ Yes ☒ No
55.	The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	☐ Yes ☐ No
X.	**Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins**	
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 subje ct to 40 CFR Part 63, Subpart JJJ. *If the response to Question VIII.X.1 is "No," go to Section VIII.Y.*	☐ Yes ☒ 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. *If the response to Question VIII.X.2 is "No," go to Section VIII.Y.*	☐ Yes ☐ No
3.	All process wastewater streams generated or managed in the application area are from sources producing polystyrene. *If the response to Question VIII.X.3 is "Yes," go to Section VIII.Y.*	☐ Yes ☐ No
4.	All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. *If the response to Question VIII.X.4 is "Yes," go to Section VIII.Y.*	☐ 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)**	
	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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the response to Question VIII.X.8 is "Yes," go to Question VIII.X.18.*	☐ Yes ☐ 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. *If the response to Question VIII.X.9 is "No," go to Question VIII.X.11.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
12.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.X.11 - VIII.X.12 are both "No," go to Question VIII.X.14.*	☐ 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)**	
X.	**Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)**	
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.	☐ Yes ☐ No
	Containers	
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.	☐ Yes ☐ No
	Drains	
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. *If the response to Question VIII.X.15 is "No," go to Question VIII.X.18.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
18.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a thermoplastic product process unit. *If the response to Question VIII.X.18 is "No," go to Section VIII.Y.*	☐ 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)**	
	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). *If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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	☐ 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)**		
	Y.	**Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.**	
	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.	☐ Yes ☒ No
	Z.	**Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.**	
♦	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.	☐ Yes ☒ No
	AA.	**Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)**	
	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).	☐ Yes ☒ No
	2.	The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	☒ Yes ☐ 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. *If the response to Question VIII.AA.1, AA.2 or AA.3 is "No," go to Section VIII.BB.*	☐ Yes ☒ 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. *If the response to Question VIII.AA.4 is "No," go to Section VIII.BB.*	☐ 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)		
	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. *If the response to Question VIII.AA.5 is "No," go to Question VIII.AA.24.*	☐ Yes ☐ No
6.	The application area includes process wastewater streams, located at existing sources, 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 of 40 CFR Part 63, Subpart FFFF, as appropriate.	☐ Yes ☐ No
7.	The application area includes process wastewater streams, located at existing sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	☐ Yes ☐ No
8.	The application area includes process wastewater streams, located at new sources, 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 of 40 CFR Part 63, Subpart FFFF, as appropriate.	☐ Yes ☐ No
9.	The application area includes process wastewater streams, located at new sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	☐ Yes ☐ No
10.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. *If the response to Question VIII.AA.10 is "Yes," go to Question VIII.AA.24.*	☐ Yes ☐ No
11.	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. *If the response to Question VIII.AA.11 is "No," go to Question VIII.AA.13.*	☐ Yes ☐ No
12.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐ Yes ☐ No
13.	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.	☐ 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)**	
	AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
14.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.AA.13 and VIII.AA.14 are both "No," go to Question VIII.AA.20.*	☐ Yes ☐ No
15.	Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). *If the response to Question VIII.AA.15 is "No," go to Question VIII.AA.17.*	☐ Yes ☐ No
16.	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.	☐ Yes ☐ No
17.	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. *If the response to Question VIII.AA.17 is "No," go to Question VIII.AA.19.*	☐ Yes ☐ No
18.	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.	☐ Yes ☐ No
19.	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.	☐ Yes ☐ No
20.	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.	☐ Yes ☐ No
21.	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. *If the response to Question VIII.AA.21 is "No," go to Question VIII.AA.24.*	☐ Yes ☐ No
22.	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.	☐ 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)		
	AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
23.	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.	☐ Yes ☐ No
24.	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). *If the response to Question VIII.AA.24 is "No," go to Section VIII.BB.*	☐ Yes ☐ No
25.	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). *If the response to Question VIII.AA.25 is "No," go to Section VIII.BB.*	☐ Yes ☐ No
26.	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.	☐ Yes ☐ No
27.	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.	☐ Yes ☐ No
28.	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.	☐ 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)		
BB.	**Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.**	
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.	☐ Yes ☒ No
CC.	**Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation**	
1.	The application area includes a facility at which a site remediation is conducted. *If the answer to Question VIII.CC.1 is "No," go to Section VIII.DD.*	☐ Yes ☒ No
2.	The application area is located at a site that is a major source of HAP. *If the answer to Question VIII.CC.2 is "No," go to Section VIII.DD.*	☐ Yes ☐ No
3.	All site remediations qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). *If the answer to Question VIII.CC.3 is "Yes," go to Section VIII.DD.*	☐ Yes ☐ No
4.	All site remediation activities are complete, and the Administrator has been notified in writing. *If the answer to Question VIII.CC.4 is "Yes," go to Section VIII.DD.*	☐ Yes ☐ No
5.	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. *If the answer to Question VIII.CC.5 is "Yes," go to Section VIII.DD.*	☐ Yes ☐ No
6.	The site remediation will be completed within 30 consecutive calendar days.	☐ Yes ☐ No
7.	No site remediation will exceed 30 consecutive calendar days. *If the answer to Question VIII.CC.7 is "Yes," go to Section VIII.DD.*	☐ Yes ☐ No
8.	Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	☐ Yes ☐ No
9.	All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. *If the answer to Question VIII.CC.9 is "Yes," go to Section VIII.DD.*	☐ 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)**	
	CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)	
10.	The application area includes a remediation material management unit used for cleanup of radioactive mixed waste per § 63.7886(c).	☐ Yes ☐ No
11.	The application area includes a remediation material management unit or combination of units with a total annual quantity of HAP less than 1 Mg/yr that is being exempted from § 63.7886(b) per § 63.7886(d).	☐ Yes ☐ No
12.	The application area includes a remediation material management unit that has an average total VOHAP concentration of remediation material less than 500 ppmw and is complying with § 63.7886(b)(2). *If the response to Question VIII.CC.12 is "No," go to Question VIII.CC.14.*	☐ Yes ☐ No
13.	The application area includes a remediation material management unit that concentrates all or part of the material such that the material's VOHAP concentration could increase.	☐ Yes ☐ No
14.	The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. *If the response to Question VIII.CC.14 is "No," go to Question VIII.CC.21.*	☐ Yes ☐ No
15.	The application area includes containers that are also subject to and complying with another subpart under 40 CFR part 61 or part 63 per § 63.7886(b)(3).	☐ Yes ☐ No
16.	The application area includes containers that are complying with alternative work practice standards that have been approved by the EPA per § 63.7900(e).	☐ Yes ☐ No
17.	The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	☐ Yes ☐ No
18.	The application area includes containers with a capacity greater than 0.46 m^3 that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	☐ Yes ☐ No
19.	The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	☐ Yes ☐ No
20.	The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	☐ Yes ☐ No
21.	The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	☐ 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)**	
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. *If the response to Question VIII.DD.1 is "No," go to Section VIII.EE.*	☐ Yes ☒ No
2.	The EAF steelmaking facility is a research and development facility. *If the response to Question VIII.DD.2 is "Yes," go to Section VIII.EE.*	☐ Yes ☐ No
3.	Metallic scrap is utilized in the EAF.	☐ Yes ☐ No
4.	Scrap containing motor vehicle scrap is utilized in the EAF.	☐ Yes ☐ No
5.	Scrap not containing motor vehicle scrap is utilized in the EAF.	☐ Yes ☐ No
EE.	**Subpart BBBBBB - 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. *If the answer to Question EE.1 is "No," go to Section VIII.FF.*	☐ Yes ☒ No
2.	The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	☐ Yes ☐ No
3.	The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	☐ 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)**	
EE.	**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)**	
4.	The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. *If the answer to Question VIII.EE.4 is "No," go to Question VIII.EE.6.*	☐ Yes ☐ 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).	☐ Yes ☐ No
6.	The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC. *If the answer to Question VIII.EE.6 is "No," go to Section VIII.FF.*	☐ Yes ☐ No
7.	The bulk gasoline terminal has throughput of less than 250,000 gallons per day. *If the answer to Question VIII.EE.7 is "Yes," go to Section VIII.FF.*	☐ Yes ☐ No
8.	The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	☐ Yes ☐ No
9.	The bulk gasoline terminal loads gasoline into railcar cargo tanks. *If the answer to Question VIII.EE.9 is "No," go to Section VIII.FF.*	☐ Yes ☐ No
10.	The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	☐ 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)**		
	EE.	**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)**	
	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.	☐ Yes ☐ No
	FF.	**Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities**	
♦	1.	The application area is located at a site that is an area source of hazardous air pollutants. *If the answer to Question VIII.FF.1 is "No," go to Section VIII.GG.*	☐ Yes ☒ No
♦	2.	The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. *If the answer to Question VIII.FF.2 is "No," go to Section VIII.GG.*	☐ Yes ☐ No
♦	3.	The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	☐ Yes ☐ 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.	☐ Yes ☐ No
	GG.	**Recently Promulgated 40 CFR Part 63 Subparts**	
♦	1.	The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. *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.*	☒ Yes ☐ No
♦	2.	Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	
Subpart MM, Subpart JJJJ, Subpart ZZZZ, and Subpart DDDDD			

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

IX.	**Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions**		
	A.	**Applicability**	
♦	1.	The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.	☒ Yes ☐ No
	X.	**Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone**	
	A.	**Subpart A - Production and Consumption Controls**	
♦	1.	The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.	☐ Yes ☒ No ☐ N/A
	B.	**Subpart B - Servicing of Motor Vehicle Air Conditioners**	
♦	1.	Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.	☒ Yes ☐ NO
	C.	**Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances**	
♦	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.	☐ Yes ☒ No ☐ N/A
	D.	**Subpart D - Federal Procurement**	
♦	1.	The application area is owned/operated by a department, agency, or instrumentality of the United States.	☐ Yes ☒ No ☐ N/A
	E.	**Subpart E - The Labeling of Products Using Ozone Depleting Substances**	
♦	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.	☐ Yes ☒ No ☐ N/A
♦	2.	The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.	☐ Yes ☒ No ☐ 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.	☐ Yes ☒ No ☐ 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.

X.	**Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)**		
	F.	**Subpart F - Recycling and Emissions Reduction**	
♦	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.	☒ Yes ☐ No
♦	2.	Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.	☐ Yes ☒ No ☐ N/A
♦	3.	The application area manufactures appliances or refrigerant recycling and recovery equipment.	☐ Yes ☒ No ☐ N/A
	G.	**Subpart G - Significant New Alternatives Policy Program**	
♦	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. *If the response to Question X.G.1 is "No" or "N/A," go to Section X.H.*	☐ Yes ☒ No ☐ 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).	☐ Yes ☐ No ☐ N/A
	H.	**Subpart H -Halon Emissions Reduction**	
♦	1.	Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.	☒ Yes ☐ No ☐ N/A
♦	2.	Disposal of halons or manufacturing of halon blends is conducted in the application area.	☒ Yes ☐ No ☐ N/A
XI.	**Miscellaneous**		
	A.	**Requirements Reference Tables (RRT) and Flowcharts**	
	1.	The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart.	☒ Yes ☐ No

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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XI.	**Miscellaneous (continued)**		
	B.	**Forms**	
♦	1.	The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. *If the response to Question XI.B.1 is "No" or "N/A," go to Section XI.C.*	☒ Yes ☐ No ☐ 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.	
40 CFR 63 Subpart JJJJ, 40 CFR 63 Subpart DDDDD			
	C.	**Emission Limitation Certifications**	
♦	1.	The application area includes units for which federally enforceable emission limitations have been established by certification.	☐ Yes ☒ No
	D.	**Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements**	
	1.	The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	☐ Yes ☒ No
	2.	The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	☐ Yes ☒ 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. *If the response to Question XI.D.3 is "Yes," please include a copy of the approval document with the application.*	☒ Yes ☐ 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. *If the response to Question XI.D.4 is "Yes," please include a copy of the approval document with the application.*	☐ Yes ☒ No

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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XI.	Miscellaneous (continued)	
E.	**Title IV - Acid Rain Program**	
1.	The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program.	☐ Yes ☒ No
2.	The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.	☐ Yes ☒ No
3.	The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.	☐ Yes ☒ No
F.	**40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO_X Ozone Season Group 2 Trading Program**	
1.	The application area includes emission units subject to the requirements of the CSAPR NO_X Ozone Season Group 2 Trading Program. *If the response to Question XI.F.1 is "No," go to Question XI.F.7.*	☐ Yes ☒ No
2.	The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO_X and heat input.	☐ Yes ☐ 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_X, and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	☐ Yes ☐ 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_X, and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	☐ Yes ☐ 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_X and heat input.	☐ Yes ☐ 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_X and heat input.	☐ Yes ☐ No
7.	The application area includes emission units that qualify for the CSAPR NO_X Ozone Season Group 2 retired unit exemption.	☐ Yes ☒ No

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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XI.	Miscellaneous (continued)	
G.	**40 CFR Part 97, Subpart FFFFF - Texas SO_2 Trading Program**	
1.	The application area includes emission units complying with the requirements of the Texas SO_2 Trading Program. *If the response to Question XI.G.1 is "No," go to Question XI.G.6.*	☐ Yes ☒ No
2.	The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO_2 and 40 CFR Part 75, Subpart H for heat input.	☐ Yes ☐ 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_2 and heat input.	☐ Yes ☐ 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_2 and heat input.	☐ Yes ☐ 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_2 and heat input.	☐ Yes ☐ No
6.	The application area includes emission units that qualify for the Texas SO_2 Trading Program retired unit exemption.	☐ Yes ☒ No
H.	**Permit Shield (SOP Applicants Only)**	
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.	☒ Yes ☐ No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 82)
Federal Operating Permit Program
Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
	J.	**Title 30 TAC Chapter 101, Subchapter H**	
♦	1.	The application area is located in a nonattainment area. *If the response to Question XI.J.1 is "No," go to Question XI.J.3.*	☐ Yes ☒ No
♦	2.	The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	☐ Yes ☐ No ☐ N/A
♦	3.	The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	☐ Yes ☒ No ☐ 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.

XI.	**Miscellaneous (continued)**		
	J.	**Title 30 TAC Chapter 101, Subchapter H (continued)**	
♦	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_X. *If the response to Question XI.J.4 is "Yes," go to Question XI.J.6.*	☐ Yes ☒ No
♦	5.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities previously had a collective uncontrolled design capacity to emit 10 tpy or more of NO_X and is subject to 101.351(c).	☐ Yes ☒ No
	6.	The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	☐ Yes ☒ No
♦	7.	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.	☐ Yes ☒ No
♦	8.	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.	☐ Yes ☒ No
	K.	**Periodic Monitoring**	
♦	1.	The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application. *If the response to Question XI.K.1 is "Yes," go to Section XI.L.*	☐ Yes ☒ No
♦	2.	The permit currently contains at least one periodic monitoring requirement. *If the responses to Questions XI.K.1 and XI.K.2 are both "No," go to Section XI.L.*	☒ Yes ☐ No
♦	3.	All periodic monitoring requirements are being removed from the permit with this application.	☐ Yes ☒ No

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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

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. *If the response to Question XI.L.1 is "No," go to Section XI.M.*	☒ Yes ☐ No
♦	2.	The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. *If the response to Question XI.L.2 is "No," go to Section XI.M.*	☒ Yes ☐ No
♦	3.	The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	☒ Yes ☐ 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. *If the responses to Questions XI.L.3 and XI.L.4 are both "No," go to Section XI.M.*	☒ Yes ☐ 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.	☒ Yes ☐ 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.	
Revised EPN NCG01, LK01, SM01, SM02			
♦	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).	☒ Yes ☐ 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). *If the response to Question XI.L.8 is "Yes," go to Section XI.M.*	☒ Yes ☐ No

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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XI.	**Miscellaneous (continued)**		
	L.	**Compliance Assurance Monitoring (continued)**	
♦	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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
♦	12.	The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.	☐ Yes ☐ No
	M.	**Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times**	
♦	1.	The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004. *If the response to Question XI.M.1 is "No," or "N/A," go to Section XII.*	☐ Yes ☒ No ☐ 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.	☐ Yes ☐ No
XII.	**New Source Review (NSR) Authorizations**		
	A.	**Waste Permits with Air Addendum**	
♦	1.	The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. *If the response to XII.A.1 is "Yes," include the waste permit numbers and issuance date in Section XII.J.*	☐ Yes ☒ No

Date	Permit No.	Regulated Entity No.
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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XII.	**New Source Review (NSR) Authorizations (continued)**		
	B.	**Air Quality Standard Permits**	
♦	1.	The application area includes at least one Air Quality Standard Permit NSR authorization. *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.*	☒ Yes ☐ No
♦	2.	The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617.	☒ Yes ☐ No
♦	3.	The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.	☐ Yes ☒ 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.	☐ Yes ☒ 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.	☐ Yes ☒ No
♦	6.	The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.	☐ Yes ☒ 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.	☐ Yes ☒ No
	8.	The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ No
	9.	The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ No
	10.	The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ No

Date	Permit No.	Regulated Entity No.
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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XII.	**New Source Review (NSR) Authorizations (continued)**		
	B.	**Air Quality Standard Permits (continued)**	
♦	11.	The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ No
♦	12.	The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. *If the response to XII.B.12 is "No," go to Question XII.B.15.*	☐ Yes ☒ No
♦	13.	For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	☐ Yes ☐ No
♦	14.	For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	☐ Yes ☐ No
♦	15.	The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ No
♦	16.	The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ No
	C.	**Flexible Permits**	
	1.	The application area includes at least one Flexible Permit NSR authorization.	☐ Yes ☒ No
	D.	**Multiple Plant Permits**	
	1.	The application area includes at least one Multi-Plant Permit NSR authorization.	☐ Yes ☒ No

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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XII. NSR Authorizations (Attach additional sheets if necessary for sections XII.E-J.)

E. PSD Permits and PSD Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):
PSDTX778M2	*11/15/2022* 02/21/2023	*VOC, PM/PM¬10, SO2, NOX, CO, H2S, TRS, H2SO4*			

If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

F. Nonattainment (NA) Permits and NA Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):

If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

G. NSR Authorizations with FCAA § 112(g) Requirements

NSR Permit No.	Issuance Date	NSR Permit No.	Issuance Date	NSR Permit No	Issuance Date

Date	Permit No.	Regulated Entity No.
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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XII. NSR Authorizations (continued) - (Attach additional sheets if necessary for sections XII.E-J.)

♦ **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**

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
2975	*03/01/2018* 02/21/2023				
86706	*03/01/2018* X this is a PBR				

♦ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area**

A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
PBR No.: 106.227	09/04/2000	PBR No.: 106.265	09/04/2000	PBR No.: 106.476	09/04/2000
PBR No.: 106.261	03/14/1997	PBR No.: 106.321	09/04/2000	PBR No.: 106.511	09/04/2000
PBR No.: 106.261	12/24/1998	PBR No.: 106.371	09/04/2000	PBR No.: 106.512	06/13/2001
PBR No.: 106.261	11/01/2003	PBR No.: 106.393	09/04/2000	PBR No.: 106.532	09/04/2000
PBR No.: 106.262	03/14/1997	PBR No.: 106.412	09/04/2000	PBR No.: 031	05/05/1976
PBR No.: 106.262	12/24/1998	PBR No.: 106.454	11/01/2001	PBR No.: 046	05/08/1972
PBR No.: 106.262	11/01/2003	PBR No.: 106.472	09/04/2000		
PBR No.: 106.263	11/01/2001	PBR No.: 106.473	09/04/2000		

✓

♦ **J. Municipal Solid Waste and Industrial Hazardous Waste Permits with an Air Addendum**

Permit No.	Issuance Date	Permit No.	Issuance Date	Permit No.	Issuance Date

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

Date: ***02/01/2025***	
Permit No.: ***O1378***	
Regulated Entity No.: ***RN100543115***	
Company Name: ***Graphic Packaging International, LLC***	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA?	☒ YES ☐ NO
I. Application Type	
Indicate the type of application:	
☒ Renewal	
☐ Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
☐ Significant Revision	
☐ Revision Requesting Prior Approval	
☐ Administrative Revision	
☐ Response to Reopening	
II. Qualification Statement	
For SOP Revisions Only	☒ YES ☐ NO
For GOP Revisions Only	☐ YES ☒ 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_X	☒ SO_2	☒ PM_{10}	☒ 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: ***02/01/2025***
Permit No.: ***O1378***
Regulated Entity No.: ***RN100543115***
Company Name: ***Graphic Packaging International, LLC***

Using the table below, provide a description of the revision.

Revision No.	Revision Code	New Unit	Unit/Group ID No.	Process Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
1	MS-C	NO	FOT	OP-UA3	NSR Permit Nos. 2975 and PSDTX778M2	The Fuel Oil Tank (EPN FOT) is no longer used for fuel oil and has been repurposed as a spare liquor tank.
2	SIG-B	NO	GRP-CONC	OP-MON	N/A	Updating operating limit for GRP-CONC CAM to match the most recent performance testing data.
3	MS-C	YES	SVPTANK	OP-UA3	PBR 106.472	Installation of a new dump tank for the single-vessel process (SVP) chlorine dioxide generator.
4	MS-C	YES	SPG	OP-REQ2	PBR 106.183	Two new shock pulse generators installed on PB01 to reduce energy usage.
5	MS-C	YES	WPEMERGEN	OP-UA2	PBR 106.511	Emergency Water Treatment Plant Engine PBR
6	MS-A	NO	BP16	OP-UA15	NSR Permit No. 2975	Alteration to the existing NSR permit to change the packing size in the A-line Bleach Plant Scrubber (EPN BP16).
7	MS-A	NO	FIREPMPNO	OP-UA2	PBR 106.511	North Diesel fire pump engine replacement
8	MS-A	NO	FIREPMP4	OP-UA2	PBR 106.511	South Diesel fire pump engine replacement
9	MS-C	YES	BP0368	OP-UA3	PBR 106.262	New Hydrogen Peroxide Tank was installed with the associated piping to convey the H2O2 to the foul condensate line

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

Date: ***02/01/2025***		
Permit No.: ***O1378***		
Regulated Entity No.: ***RN100543115***		
Company Name: ***Graphic Packaging International, LLC***		
I.	**Significant Revision** *(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)*	
A.	Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	☐ YES ☒ NO
B.	Indicate the alternate language(s) in which public notice is required: ***Spanish***	
C.	Will, there be a change in air pollutant emissions as a result of the significant revision?	☐ YES ☒ NO

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

Using the table below, indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:

Pollutant	Description of the Change in Pollutant Emissions

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations
Texas Commission on Environmental Quality

General:

The purpose of this form is to document negative applicability from potentially applicable requirements or to document duplicative, redundant, and or contradicting requirements that have been superseded by a more stringent or equivalent requirement for units, groups, and processes when a permit shield is requested. Negative applicability or superseded requirement determinations when a permit shield is NOT requested may be documented on this form OR the appropriate OP-UA form.

A negative applicability determination is any regulatory citation that provides the basis whereby every operating condition of an emission unit is not subject to a regulation. For example; Title 40 Code of Federal Regulation § 60.110b(a) [40 CFR § 60.110b(a)] could be the regulatory basis for a negative applicability determination for a VOC storage tank of less than 75 cubic meters; therefore, the storage tank is completely exempt from 40 CFR Part 60, Subpart Kb.

Note: Numerous regulatory citations appear to authorize exemptions to qualifying units from those regulations. However, closer examination typically reveals that there are still some requirements which must still be met (such as monitoring and/or recordkeeping).

For certain emission units subject to certain 40 CFR Part 63 standards, other federal regulations may apply. In many instances one of the overlapping regulations may specify which rule supersedes the other. The regulation may state that the owner or operator only has to comply with a specific subpart after the compliance date or it may state that compliance with the subpart is deemed to be in or constitute compliance with other subparts. Although superseded rules do not qualify as negative applicability determinations, it has been determined that these instances can be documented on the Form OP-REQ2, if the applicant elects to comply only with the superseding requirement. For example; a Group 1 or Group 2 Storage Tank, subject to 40 CFR Part 63, Subpart G, may not be required to comply with 40 CFR Part 60, Subpart Kb due to rule overlap of 40 CFR Part 63, Subpart G. In this case, the permit applicant may request a permit shield from 40 CFR Part 60, Subpart Kb. In this case, the applicant must submit the superseding requirement citation, § 63.110(b), and a textual description of the superseding determination, if they elect to comply with only the superseding requirement.

When this form is used for an emission unit which has one or more potential applicable requirements, the applicant must list all the requirements for which negative applicability or superseded requirement determinations can be made. Once the negative applicability or superseded requirement determinations have been made, indicate the citation and reason for the non-applicability or superseded requirement in the appropriate columns. Indicate the determinations for all potentially applicable requirements for each emission unit before listing the next unit.

Negative applicability or superseded requirement determinations for potentially applicable requirements, confirmed by the TCEQ, may be approved as a permit shield (see instructions outlined in Area Wide Applicability Determinations, Form OP-REQ1, to request a permit shield). However, if a permit shield is requested, an OP-REQ2 is always required. For additional information relating to permit shields, refer to the TCEQ guidance document entitled "Permit Shield Guidance (www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/permit_shield.pdf)".

The Company Name and Area Name (from Form OP-1, Section I and X, respectively) must appear in the header block of each page for purposes of identification. The date of submittal must also be included, and should be consistent throughout the application *(MM/DD/YYYY).* Any subsequent submittals must show the date of revision. Also enter the Regulated Entity Number (RN*XXXXXXXXX*) and Permit Number (O*XXXX*), if assigned.

Specific:

Unit Action Indicator (AI):
Only complete this section for the permit revision/renewal. Enter "A" if the entry is a permit addition. Otherwise, enter "D" to indicate a deletion.

Revision No.:
Complete this section only for the permit revision/renewal. Enter the number identified on Form OP-2 (Application for Permit Revision). This number will link the specific negative applicable requirement determination to the appropriate revision.

Unit/Group/Process:

ID NO.:
Enter the identification number (ID No.) (maximum 10 characters) of the unit, group, or process as listed on Form OP-SUM (Individual Unit Summary).

Applicable Form:
Enter the number of the UA form which contains the specific information for the corresponding emission unit, emission point, or process (i.e., for flares enter "OP-UA7" entitled "Flares") if the unit/emission point, process has other applicable requirements. If negative applicability determinations are only being substantiated on this form by a textual description of the reason, and the emission unit, emission point, or process has no other positive applicability, enter "OP-REQ2." The Applicable Form entered on OP-REQ2 must match the applicable form entered on OP-SUM for the emission unit, emission point, or process.

Potentially Applicable Regulatory Name:
Enter the name of the potentially applicable requirement (maximum 25 characters) for which negative applicability or superseded requirement is being demonstrated.

Note: Permit shields cannot be granted for permit authorizations of any kind (i.e. - PSD, NSR permit, Acid Rain, etc.).

Negative Applicability or Superseded Requirement Citation:
Enter the citation of the paragraph of the rule that was used to determine negative applicability or superseded requirements. Provide the citation detail to the level of the paragraph allowing the exemption, exclusion, or non-applicability. If there is more than one citation for determining negative applicability or superseded requirements, select the most appropriate or the clearest (least likely to be misinterpreted). Negative applicability or superseded requirement determinations by the applicant are subject to auditing during the permit application review. The applicant must always indicate the negative applicability or superseded requirement citation on the OP-REQ2. For examples on the level of detail for citations, see table below (maximum 36 characters).

Example Applicable Regulatory Requirements*

Regulation	**Name** *(Input Format)*	**Citation** *(Input Format)*
30 TAC Chapters 111, 112, 113, 115 and 117	Chapter 111	§ 111.*XXX*(*x*)(*yy*)(*zz*)
	Chapter 112	§ 112.*XXX*(*x*)(*yy*)(*zz*)
	Chapter 113	§ 113.*XXX*(*x*)(*yy*)(*zz*)
	Chapter 115, Storage of VOCs	§ 115.*XXX*(*x*)(*yy*)(*zz*)
	Chapter 117, ICI	§ 117.*XXX*(*x*)(*yy*)(*zz*)
40 CFR Part 60, Subparts A-WWW, New Source Performance Standards (NSPS)**	NSPS *XXX*	§ 60.*XXX*(*x*)(*yy*)(*zz*)
40 CFR Part 61, Subparts A-FF National Emission Standards for Hazardous Air Pollutants (NESHAP)	NESHAP *XX*	§ 61.*XX*(*x*)(*yy*)(*zz*)
40 CFR Part 63, Subparts A-Y+, NESHAP by source category, including hazardous organic NESHAP (HON)	MACT *XX*	§ 63.*XXX*(*x*)(*yy*)(*zz*)

* This list is not intended to be exhaustive

** The inclusion of 40 CFR Part 60, Subpart A is only for those requirements contained in 40 CFR § 60.18

Negative Applicability/Superseded Requirement Reason:
Enter a textual description indicating the reason for the negative applicability or superseded requirement determination. If a permit shield is requested, the textual description provided will be recreated as the *Basis of Determination* for the permit shield in the permit. The description may include rule text, rule preamble, or other text resulting from a historical rule interpretation, EPA applicability determination Index (ADI), or case law. Use multiple lines if necessary (maximum 250 characters).

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
02/01/2025	*O1378*	*RN100543115*

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason	
		LKENG1	*OP-UA2*	*NSPS IIII*	*§60.4200(a)(2) and (3)*	*The Engine is a stationary compression ignition internal combustion engine that commenced construction before July 11, 2005 and has not been modified or reconstructed later than July 11, 2005.*	✓
		LKENG2	*OP-UA2*	*NSPS IIII*	*§60.4200(a)(2) and (3)*	*The Engine is a stationary compression ignition internal combustion engine that commenced construction before July 11, 2005 and has not been modified or reconstructed later than July 11, 2005.*	✓
		SST02	*OP-UA3*	*NSPS K*	*§60.110(a)*	*The storage vessel does not store liquid petroleum.*	✓
		SST02	*OP-UA3*	*NSPS Ka*	*§60.110a(a)*	*The storage vessel does not store liquid petroleum.*	X
		SST02	*OP-UA3*	*NSPS Kb*	*§60.110b(a)*	*The storage vessel does not meet the applicability of construction or modification after July 23, 1984.*	X
		GRP-SMTANK	*OP-UA3*	*NSPS Kb*	*§60.110b(a)*	*The storage vessel does not meet the applicability of a tank capacity greater than 75 m^3.*	✓

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
02/01/2025	*O1378*	*RN100543115*

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		BP0351	*OP-UA3*	*NSPS Kb*	*§60.110b(a)*	*The storage vessel does not meet the applicability of a tank capacity greater than 75 m^3.* ✓
		FOT	*OP-UA3*	*NSPS Kb*	*§60.110b(a)*	*The storage vessel does not meet the applicability of stored material with a maximum true vapor pressure less than 0.5 psia.* ✓
		SST01	*OP-UA3*	*NSPS Kb*	*§60.110b(a)*	*The storage vessel does not meet the applicability of stored material with a maximum true vapor pressure less than 0.5 psia.* ✓
		TURP01	*OP-UA3*	*NSPS Kb*	*§60.110b(b)*	*The storage vessel meets the exemption criteria of a storage vessel less than 151 m^3 with a maximum true vapor pressure less than 15 kPa.* ✓
		SVPTANK	*OP-UA3*	*NSPS Kb*	*§60.110b(a)*	*The storage vessel does not meet the applicability of a tank capacity greater than 75 m^3.* ✓
		BP0368	*OP-UA3*	*NSPS Kb*	*§60.110b(a)*	*The storage vessel does not meet the applicability of a tank capacity greater than 75 m^3.* ✓

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
02/01/2025	*O1378*	*RN100543115*

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		DIESELLOAD	*OP-UA4*	*Ch. 115*	*§115.217(b)(1)*	*Loading and unloading occurs in Cass County which is not listed as applicable and the maximum true vapor pressure is less than 0.5 psia.*
		MVFD	*OP-UA4*	*Ch. 115*	*§115.217(b)(5)*	*Motor vehicle fuel dispensing is exempt from Ch. 115 loading and unloading requirements.*
		TURPLD	*OP-UA4*	*Ch. 115*	*§115.217(b)(1)*	*Loading and unloading occurs in Cass County which is not listed as applicable.*
		PB01	*OP-UA6*	*NSPS D*	*§60.40(c)*	*Construction or modification did not commence after August 17, 1971.*
		RB01	*OP-UA6*	*NSPS D*	*EPA applicability determination issued June 15, 1990, "Applicability Clarification to Kraft Recovery Boilers"*	
		RB02	*OP-UA6*	*NSPS D*	*TCEQ Rule Interpretation 60D.004*	*The unit has a heat input greater than 73 MW (250 MMBtu/hr) and was constructed after June 19, 1986.*

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
02/01/2025	*O1378*	*RN100543115*

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason	
		PB01	*OP-UA6*	*NSPS Db*	*§60.40b(a)*	*Construction or modification was not commenced after June 19, 1984.*	✓
		PB02	*OP-UA6*	*NSPS Db*	*§60.40b(a)*	*Construction or modification was not commenced after June 19, 1984.*	X
		RB01	*OP-UA6*	*NSPS Db*	*§60.40b(a)*	*Construction or modification was not commenced after June 19, 1984.*	X
		PB01	*OP-UA6*	*NSPS Dc*	*§60.40c(a)*	*Construction or modification was not commenced after June 19, 1989.*	X
		PB02	*OP-UA6*	*NSPS Dc*	*§60.40c(a)*	*Construction or modification was not commenced after June 19, 1989.*	X
		RB01	*OP-UA6*	*NSPS Dc*	*§60.40c(a)*	*Construction or modification was not commenced after June 19, 1989.*	X
		RB02	*OP-UA6*	*NSPS Dc*	*§60.40c(a)*	*The maximum design heat capacity is greater than 29 MW (100 MMBtu/hr)*	
		SM01	*OP-UA30*	*NSPS BB*	*§60.280(b)*	*Construction or modification was not commenced after September 24, 1976.*	

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
02/01/2025	*O1378*	*RN100543115*

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		LK01	*OP-UA30*	*NSPS BB*	*§60.280(b)*	*Construction or modification was not commenced after September 24, 1976.*
		LK02	*OP-UA30*	*NSPS BB*	*§60.280(b)*	*Construction or modification was not commenced after September 24, 1976.*
		GRP-DIGEST	*OP-UA30*	*NSPS BB*	*§60.280(b)*	*Construction or modification was not commenced after September 24, 1976.*
		GRP-BSW	*OP-UA30*	*NSPS BB*	*§60.280(b)*	*Construction or modification was not commenced after September 24, 1976.*
		GRP-MEES	*OP-UA30*	*NSPS BB*	*§60.280(b)*	*Construction or modification was not commenced after September 24, 1976.*
		GRP-CT	*OP-UA13*	*MACT Q*	*§63.400(a)*	*Chromium based water treatment chemicals are not used.*
		DIG-16	*OP-REQ2*	*Ch. 112*	*N/A*	*Not a designated facility under 30 TAC Chapter 112 as the facility is subject to 40 CFR Part 60, Subpart BB.*

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
02/01/2025	*O1378*	*RN100543115*

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		RB01	*OP-REQ2*	*Ch. 112*	*N/A*	*Not a designated facility under 30 TAC Chapter 112 as the facility is subject to 40 CFR Part 60, Subpart BB.*
		RB02	*OP-REQ2*	*Ch. 112*	*N/A*	*Not a designated facility under 30 TAC Chapter 112 as the facility is subject to 40 CFR Part 60, Subpart BB.*
		SM02	*OP-REQ2*	*Ch. 112*	*N/A*	*Not a designated facility under 30 TAC Chapter 112 as the facility is subject to 40 CFR Part 60, Subpart BB.*
		GRP-CONC	*OP-REQ2*	*Ch. 112*	*N/A*	*Not a designated facility under 30 TAC Chapter 112 as the facility is subject to 40 CFR Part 60, Subpart BB.*
A		*SPG*	*OP-REQ2*	*NSPS D*	*§60.41*	*The unit is not a steam generating unit, boiler, or process heater by definition.*
A		*SPG*	*OP-REQ2*	*NESHAP DDDDD*	*§63.2*	*The unit is not a steam generating unit, boiler, or process heater by definition.*

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions

✓

I. Identifying Information		
Account No.: ***CG0010G***	RN No.: ***RN100543115***	CN: ***CN601710460***
Permit No.: ***O1378***	Project No.: ***TBA***	
Area Name: ***Texarkana Mill***		
Company Name: ***Graphic Packaging International, LLC***		
II. Unit/Emission Point/Group/Process Information		
Revision No.: ***2***		
Unit/EPN/Group/Process ID No.: ***GRP-CONC***		
Applicable Form: ***UA30***		
III. Applicable Regulatory Requirement		
Name: ***40 CFR Part 60, Subpart BB***		
SOP/GOP Index No.: ***60BB-01***		
Pollutant: ***OTH (TRS)***		
Main Standard: ***§ 60.283(a)(1)(iii)***		
Monitoring Type: ***CAM***		
Unit Size: ***SM***		
Deviation Limit: ***Minimum Combustion Chamber Temperature = 1450 degree F***		
IV. Control Device Information		
Control Device ID No.: ***NCG01***		
Device Type: ***DIRFLM***		
V. CAM Case-by-case		
Indicator: ***Temperature***		
Minimum Frequency:***1 minute***		
Averaging Period: ***3 Hours***		
QA/QC Procedures: ***The monitoring device, thermocouple probe, will be calibrated once per year injecting the proper millivolt signal to the thermocouple and calibrating the transmitter zero and span***		
Verification Procedures: ***Following manufacturer's requirements or recommendations for installation, calibration, and start-up operation of thermocouple probe***		
Representative Data: ***Thermocouple probe in the firebox or in the ductwork immediately downstream of the firebox and before any substantial heat exchange occurs***		
VI. Periodic Monitoring Case-by-case		
Indicator:	Minimum Frequency:	

I. Identifying Information
Averaging Period:
Periodic Monitoring Text:

Form OP-UA6 - Instructions
Boiler/Steam Generator/Steam Generating Unit Attributes
Texas Commission on Environmental Quality

General:

This form is used to provide a description and data pertaining to all combustion equipment used to produce steam including, but not limited to, boilers, steam generators, and steam generating units with potentially applicable requirements associated with a particular regulated entity number and application. Some data items must be completed for all boilers, steam generators, and steam generating units. Other items are only required to be completed for boilers, steam generators, and steam generating units meeting the specific criteria shown in the instructions below.

For each steam generating unit which is potentially applicable to a subpart of the D-Series, the applicant need only complete the table to which they are potentially subject. The other D-series tables need not be submitted; however, notes are included in the instructions which may give direction to other tables applicable to the unit if certain codes or instructions are given. The notes can be used as a road map to follow in deciding which tables must be filled out and which ones should be omitted.

Each table number, along with the possibility of a corresponding letter (i.e., Table 1a, Table 1b), corresponds to a certain state or federal rule. If the rule on the table is not potentially applicable to a combustion unit, then it should be left blank and need not be submitted with the application. The following boilers, steam generators, and steam generating units are considered off-permit sources and do not need to be listed:

A. In counties affected by Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), boilers and water heaters that do not fire liquid or solid fuel and have a maximum rated capacity less than 1.0 MMBtu/hr, unless the unit is placed in service after June 9, 1993, as a functionally identical replacement for existing units subject to the provisions 30 TAC Chapter 117, Subchapter B.

B. In counties not affected by 30 TAC Chapter 117, boilers, and water heaters with a heat input capacity less than 10 MMBtu/hr and do not fire liquid or solid fuel.

If the codes entered by the applicant show negative applicability to the rule or sections of the rule represented on the table, then the applicant need not complete the remainder of the table(s) that correspond to the rule. Further instruction as to which questions should be answered and which questions should not be answered are located in the “Specific” section of the instruction text. The following is included in this form:

Tables 1a - 1b:	**Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart D: Standards of Performance for Fossil Fuel-Fired Steam Generators**
Tables 2a - 2c:	**Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Da: Standards of Performance for Electric Utility Steam Generating Units**
Tables 3a - 3e:	**Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**
Tables 4a - 4b:	**Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Dc: Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units**
Tables 5a - 5c:	**Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter B: Combustion Control at Major Industrial. Commercial, and Institutional Sources in Ozone Nonattainment Areas**

Tables 6a - 6b:	**Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter C: Combustion Control at Major Utility Electric Generation Sources in Ozone Nonattainment Areas**
Table 7:	**Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 112), Subchapters A–D: Control of Air Pollution from Sulfur Compounds**
Tables 8a - 8c:	**Title 30 Texas Administrative Code Chapter 113 (30 TAC Chapter 113), Subchapter D: Hospital/Medical Infectious Waste Incinerators**
Tables 9a - 9b:	**Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter E: Division 1: Utility Electric Generation in East and Central Texas**
Tables 10a - 10b:	**Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart EEE: Hazardous Waste Combustors**
Table 11:	**Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111), Subchapter A: Division 2: Incineration**
Table 12:	**Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111), Subchapter A: Division 5: Emission Limits on Nonagricultural Sources**
Tables 13a - 13i:	**Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units**
Tables 14a - 14g:	**Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDDD: Industrial, Commercial, and Institutional Boilers**
Tables 15a – 15b	**Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart TTTT: Standards of Performance for Greenhouse Gas Emissions for Electric Utility Generating Units**

Note: Form OP-UA15 (Emission Point/Stationary Vent, Distillation Vent/VOC Process Vent Attributes) Emission Points, Table 1: Title 30 TAC Chapter 111 must also be completed for all combustion units operated to generate steam.

The Texas Commission on Environmental Quality (TCEQ) Regulated Entity Number (RNXXXXXXXXX) and the application area name from Form OP-1 (Site Information Summary) must appear in the header of each page for the purpose of identification for the initial submittal. The date of the initial form submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). **Leave the permit number blank for the initial form submittal.** If this form is included as part of the permit revision process, enter the permit number assigned by the TCEQ, the area name (from Form OP-1), the date of the revision submittal, and the regulated entity number.

Unit attribute questions that do not require a response from all applicants are preceded by qualification criteria in the instructions. If the unit does not meet the qualification criteria, a response to the question is not required. **Anytime a response is not required based on the qualification criteria, leave the space on the form blank.**

Notwithstanding any qualification criteria in the form instructions or information provided in other TCEQ guidance, the applicant may leave an attribute question blank (or indicate "N/A" for "Not Applicable") if the attribute is not needed for the applicable requirement determinations of a regulation for a unit.

In some situations, the applicant has the option of selecting alternate requirements, limitations, and/or practices for a unit. Note that these alternate requirements, limitations, and/or practices must have the required approval from the TCEQ Executive Director and/or the U.S. Environmental Protection Agency (EPA) Administrator before the federal operating permit application is submitted.

The Texas Commission on Environmental Quality (TCEQ) requires that a Core Data Form be submitted on all incoming registrations unless all of the following are met: The Regulated Entity and Customer Reference Numbers have been issued by the TCEQ and no core data information has changed. The Central Registry, a common record area of the TCEQ, maintains information about TCEQ customers and regulated activities, such as company names, addresses, and telephone numbers. This information is commonly referred to as "core data." The Central Registry provides the regulated community with a central access point within the agency to check core data and make changes when necessary. When core data about a facility is moved to the Central Registry, two new identification numbers are assigned: The Customer Reference (CN) number and the Regulated Entity (RN) number. The Core Data Form is required if facility records are not yet part of the Central Registry or if core data for a facility has changed. If this is the initial registration, permit, or license for a facility site, then the Core Data Form must be completed and submitted with application or registration forms. If amending, modifying, or otherwise updating an existing record for a facility site, the Core Data Form is not required, unless any core data information has changed. To review additional information regarding the Central Registry, go to the TCEQ website at www.tceq.texas.gov/permitting/central_registry/index.html.

Specific:

Table 1a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart D: Standards of Performance for Fossil Fuel-Fired Steam Generators

★ **Complete for site operating permit (SOP) applications only.**

Note: Per TCEQ Rule Interpretation Number 60D.004, steam generating units greater than 73 MW (250 MMBtu/hr) and constructed after June 19, 1986, are not subject to 40 CFR Part 60, Subpart D. Therefore, Tables 1a - 1b should not be completed for these units. However, these units are potentially subject to 40 CFR Part 60, Subpart Db. Tables 3a - 3d should be completed as necessary.

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Construction/Modification Date:
Select one of the following options that describe the date of commencement of the most recent construction, modification, or reconstruction. Enter the code on the form.

Code	Description
71-	On or before August 17, 1971
71-76	After August 17, 1971, and on or before December 22, 1976
76-78	After December 22, 1976, and on or before September 18, 1978
78+	After September 18, 1978

▼ **Continue only if "Construction/Modification Date" is "71-76," "76-78," or "78+."**

Covered Under Subpart Da or KKKK:
Enter "YES" if the steam generating unit is covered under 40 CFR Part 60, Subpart Da or 40 CFR Part 60, Subpart KKKK. Otherwise, enter "NO."

▼ **Continue only if "Covered Under Subpart Da or KKKK" is "NO." If "Covered under Subpart Da or KKKK" is "YES," complete Table 2a of this unit attribute form or Table 6a of Form OP-UA11, as applicable.**

Changes to Existing Affected Facility:
Enter "YES" if a change has been made to the existing fossil fuel-fired steam generating unit, which was not previously subject to Subpart D, to accommodate the use of combustible materials other than fossil fuels. Otherwise, enter "NO."

▼ **Continue only if "Changes to Existing Affected Facility" is "NO."**

Heat Input Rate:
Select one of the following options for the heat input rate. Enter the code on the form.

Code	Description
250-	Heat Input Rate is less than or equal to 250 MMBtu/hr (73 MW)
250+	Heat Input Rate is greater than 250 MMBtu/hr (73 MW)

★ **Complete Table 3a if "Construction/Modification Date" is "78+" and "Heat Input Rate" is "250-."**

▼ **Continue only if "Heat Input Rate" is "250+."**

Alternate 42C:
Enter "YES" if the facility is meeting § 60.42Da(a) [per § 60.42(c)] as an alternate to meeting the requirements of § 60.42(a) for PM. Otherwise, enter "NO."

PM CEMS:
Enter "YES" if the facility uses a CEMS to measure PM. Otherwise, enter "NO."

★ **Complete "Opacity Monitoring" only if "PM CEMS" is "NO."**

Opacity Monitoring:
Select one of the following options for complying with the opacity monitoring requirement. Enter the code on the form.

Code	Description
COMS	Continuous opacity monitoring system for measuring the opacity of emissions
BLDS	Bag leak detection system to monitor performance of a fabric filter (baghouse) according to requirements in § 60.48Da
ESPMOD	Electrostatic precipitator (ESP) predictive model to monitor performance of an ESP according to requirements in § 60.48Da
PMCPMS	Continuous parametric monitoring system for PM operated according to requirements in 40 CFR Part 63, Subpart UUUUU
OTHER	Facility meets exemption from COMS in § 60.45(b)(1) or (b)(6)
NONE	Opacity limit is not applicable

Gas/Liquid Fuel:
Enter "YES" if the facility burns only gaseous or liquid fossil fuel (excluding residual oil) with potential SO_2 emissions rates of 0.060 lb/MMBtu or less and does not use post combustion technology to reduce emissions of SO_2 or PM. Otherwise, enter "NO."

Fuels with 0.30 Percent or Less Sulfur:
Enter "YES" if the facility does not use post combustion technology (except a wet scrubber) for reducing PM, SO_2, or CO emissions, burns only gaseous fuels or fuel oils that contain less than or equal to 0.30 weight percent sulfur, and is operated such that emissions of CO are maintained at levels less than or equal to 0.15 lb/MMBtu on a boiler operating day average basis. Otherwise, enter "NO."

Specific Site:
Enter "YES" if the facility is Southwestern Public Service Company's Harrington Station #1 in Amarillo, TX. Otherwise, enter "NO." (Please note this question refers only to Unit #1 at Harrington Station. For additional steam generating facilities at Harrington Station, enter "NO.")

Table 1b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart D: Standards of Performance for Fossil Fuel-Fired Steam Generators

★ **Complete for SOP applications only.**

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

D-Series Fuel Type:
Select one or more of the following options for fuel type(s) used to fire the boiler, steam generator, or steam generating unit. Enter the code(s) on the form. In some cases, several fuel type code options could appropriately describe a single fuel being combusted (e.g., distillate oil). In these instances, select one fuel type code which best represents the fuel being combusted. Enter the code on the form.

Code	Description
WD	Wood-residue
LG	Lignite
CR25	Fossil fuel containing at least 25%, by weight, of coal refuse
LG25	Fossil fuel containing at least 25% of lignite mined in North Dakota, South Dakota, or Montana
GFF	Gaseous fossil fuel other than natural gas
SFF	Solid fossil fuel (fuel that is not lignite, at least 25% coal refuse, or at least 25% lignite mined in North Dakota, South Dakota, or Montana)
LFF	Liquid fossil fuel
NFF	Non-fossil fuel other than wood residue
NG	Natural gas

If a fuel-firing option consists of multiple fuel types being combusted simultaneously, enter the D-Series fuel type code for each fuel in a separate column on the same line, with a single SOP index number. If there are more than three fuels being combusted simultaneously, use multiple lines, and start each line with a different SOP index number. Start each additional fuel-firing option on a different line with a different SOP index number. If multiple fuels that use the same code are simultaneously combusted, then enter the code once for each fuel (see "Fuel-firing Option A" for an example of multiple gaseous fossil fuels combusted simultaneously).

Example:	SOP Index No.	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type
Fuel-firing Option A:	60D-1A	GFF	GFF	GFF
	60D-1B	GFF		
Fuel-firing Option B	60D-2	WD	LG25	
Fuel-firing Option C	60D-3	LG	SFF	NFF

▼ **Continue only if "D-Series Fuel Type" is not "WD," "NFF," or "WD," and "NFF" in combination.**

Alternate 43D:
Select one of the following options for alternate SO_2 requirements. Enter the code on the form.

Code	Description
43DAI3	Facility is meeting § 60.43Da(i)(3) [per § 60.43(d)] as an alternate to meeting the requirements of § 60.43(a) and (b) for SO_2
42BK4	Facility is meeting § 60.42b(k)(4) [per § 60.43(d)] as an alternate to meeting the requirements of § 60.43(a) and (b) for SO_2
NONE	No alternative requirement is used) for SO_2

Alternate 44E:
Enter "YES" if the facility is meeting § 60.44Da(e)(3) [per § 60.44(e)] as an alternate to meeting the requirements of § 60.44(a), (b), and (d) for NO_x. Otherwise, enter "NO."

Flue Gas Desulfurization:
Enter "YES" if the unit utilizes a flue gas desulfurization device. Otherwise, enter "NO."

SO_2 Monitoring:
Select one of the following options for monitoring of sulfur dioxide (SO_2) emissions. Enter the code on the form.

Code	Description
CEMS	Continuous emissions monitoring system
FLSAMP	Fuel sampling and analysis
FLREC	Fuel receipts
NONE	No monitoring is required for SO_2 emissions because there is no applicable SO_2 emission limit

Cyclone-Fired Unit:
Enter "YES" if the unit is a cyclone-fired unit. Otherwise, enter "NO."

NO_x Monitoring Type:
Enter "YES" if it was demonstrated during the performance test that emissions of NO_x are less than 70% of applicable standards in 40 CFR § 60.44. Otherwise, enter "NO."

Table 2a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Da: Standards of Performance for Electric Utility Steam Generating Units

★ **Complete this table for electric utility steam generating units and SOP applications only.**

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Construction/Modification Date:
Select one of the following options that describe the date of commencement of the most recent construction, modification, or reconstruction. Enter the code on the form.

Code	Description
78-	On or before September 18, 1978
78-97	After September 18, 1978, and on or before July 9, 1997
97-05C	Constructed after July 9, 1997, and on or before February 28, 2005
97-05R	Reconstructed after July 9, 1997, and on or before February 28, 2005
05-11C	Constructed after February 28, 2005
05-11R	Reconstructed after February 28, 2005, and on or before May 3, 2011
05-11M	Modified after February 28, 2005, and on or before May 3, 2011
11+C	Constructed on or after May 4, 2011
11+R	Reconstructed on or after May 4, 2011
11+M	Modified on or after May 4, 2011

▼ **Continue only if "Construction/Modification Date" is not "78-."**

Heat Input of Fossil Fuel:
Select one of the following options for the heat input of fossil fuel alone or in combination with any other fuel. Enter the code on the form.

Code	Description
250-	Heat input of fossil fuel is less than or equal to 250 MMBtu/hr (73 MW)
250+	Heat input of fossil fuel is greater than 250 MMBtu/hr (73 MW)

★ **Complete Table 3a if "Heat Input of Fossil Fuel" is "250-." Do not complete the remainder of Table 2.**

D-Series Fuel Type:
Select one or more of the following options for fuel type(s) used to fire the boiler, steam generator, or steam generating unit. Enter the code(s) on the form. In some cases, several fuel type code options could appropriately describe a single fuel being combusted (e.g., distillate oil). In these instances, select one fuel type code which best represents the fuel being combusted. Enter the code on the form.

Code	Description
NG	Natural gas
ACL	Anthracite coal
SRC	Solvent refined coal (SRC-I)
LCL	Liquefied coal
SFF	Solid fossil fuel
LFF	Liquid fossil fuel
GFF	Gaseous fossil fuel
SNFF	Solid non-fossil fuel
LNFF	Liquid non-fossil fuel
GNFF	Gaseous non-fossil fuel
SSDFF	Other solid fossil fuel derived from another solid fossil fuel
LSDFF	Other liquid fossil fuel derived from another solid fossil fuel
GSDFF	Other gaseous fossil fuel derived from another solid fossil fuel
SSDNFF	Solid fuel derived from a solid non-fossil fuel
LSDNFF	Liquid fuel derived from a solid non-fossil fuel
GSDNFF	Gaseous fuel derived from a solid non-fossil fuel

If a fuel-firing option consists of multiple fuel types being combusted simultaneously, enter the D-Series fuel type code for each fuel in a separate column on the same line, with a single SOP index number. If there are more than three fuels being combusted simultaneously, use multiple lines, and start each line with a different SOP index number. Start each additional fuel-firing option on a different line with a different SOP index number. If multiple fuels that use the same code are simultaneously combusted, then enter the code once for each fuel (See Fuel-firing Option A: for an example of multiple gaseous fossil fuels derived from a solid non-fossil fuel combusted simultaneously).

Example:	**SOP Index No.**	**D-Series Fuel Type**	**D-Series Fuel Type**	**D-Series Fuel Type**
Fuel-firing Option A:	60DA-1A	GSDNFF	GSDNFF	GSDNFF
	60DA-1B	GSDNFF		
Fuel-firing Option B	60DA-2	NG	ACL	
Fuel-firing Option C	60DA-3	LCL	SSDFF	LSDFF

Changes to Existing Affected Facility:
Select one of the following changes to an existing affected facility. Enter the code on the form.

Code	Description
COFF	A change has been made to the existing fossil fuel-fired steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Da, to accommodate the use of combustible materials other than fossil fuels
CFNF	A change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Da and was originally designed to fire gaseous or liquid fossil fuels, to accommodate the use of any other fuel (fossil or non-fossil)
NO	No change as described in COFF and CFNF

▼ **Continue only if "Changes to Existing Affected Facility" is "NO."**

★ **Complete "Percent (%) Coal Refuse" only if "Construction/Modification Date" is "05-11C," 05-11R," 05-11M," "11+C," "11+R," or "11+M."**

Percent (%) Coal Refuse:
Enter "YES" if the facility burns 75% or more coal refuse on a 12-month rolling average basis. Otherwise, enter "NO."

Combined Cycle Type:
Select one of the following combined cycle type options. Enter the code on the form.

Code	Description
IGCC	Integrated gasification combined cycle gas turbine electric utility steam generating unit
COMCYC	Combined cycle gas turbine (other than an IGCC) that is not subject to NSPS KKKK
KKKK	Combined cycle gas turbine (other than an IGCC) that is subject to NSPS KKKK
EB/CCCC	Municipal/commercial/industrial solid waste unit that is subject to NSPS Eb or CCCC
OTHER	Not a combined cycle gas turbine or a unit subject to NSPS Eb or CCCC

▼ **Do not continue if "Combined Cycle Type" is "EB/CCCC" or "KKKK."**

▼ **Do not continue if "Combined Cycle Type" is "IGCC" and "Construction/Modification Date" is "78-97," "97-05C," or "97-05R."**

PM Commercial Demonstration Permit:
Select one of the following exemptions to the particulate matter emission limits. Enter the code on the form.

Code	Description
CDP	The facility is operating under a PM commercial demonstration permit issued by the Administrator according to the provisions of § 60.47Da
EXEMPTF1	Affected facility meets the exemption in 60.42Da(f)(1)
NONE	The facility does not meet the PM exemptions in § 60.42Da(f)(1) or (2)

★ **Complete "PM Standard Basis" only if "PM Commercial Demonstration Permit" is "NONE" and "Construction/Modification Date" is "05-11C," "05-11R," "05-11M," "11+M," "11+C,' or "11+R."**

PM Standard Basis:
Select one of the following PM standards. Enter the code on the form.

For facilities with "Construction/Modification Date" of "05-11C," "05-11R," "05-11M," or "11+M"

Code	Description
ALT-D	§ 60.42Da(d) alternative to § 60.42Da(c)(1) or (2)
PMGEO	Gross energy based output standard
PMHIN	Heat input-based standard

For facilities with "Construction/Modification Date" of "11+C" or "11+R"

Code	Description
PMGEO	Gross energy based output standard
PMNEO	Net energy based output standard

Table 2b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Da: Standards of Performance for Electric Utility Steam Generating Units

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete "NO_x Standard" only if "Combined Cycle Type" is "IGCC."**

NO_x IGCC Standard:
Select one of the following options for NO_x Standard applicable to the IGCC. Enter the code on the form.

Code	Description
LIQ+50	The facility burns liquid fuel exclusively or in combination with solid-derived fuel such that liquid fuel contributes 50% or more of the total heat input
LIQVAR	The facility, during a 30-day rolling average compliance period, burns liquid fuel in combination with solid-derived fuel such the liquid fuel contributes 50% or more of the total heat input for only a portion of the clock hours in the 30-day period
LIQ-50	Neither of the above (liquid fuel is less than 50% of the total heat input)

★ **Complete "MACT Applicability" only if "Construction/Modification Date" is "11+C," "11+R," or "11+M."**

MACT Applicability:
Select one of the following for options compliance with MACT work practice standards. Enter the code on the form.

Code	Description
63UUUUU	Unit is also subject to 40 CFR Part 63, Subpart UUUUU and complies with those work practice standards during startup/shutdown
63DDDDD	Unit is also subject to 40 CFR Part 63, Subpart DDDDD and complies with those work practice standards during startup/shutdown
NONE	Unit is not subject to 40 CFR Part 63, Subpart DDDDD or UUUUU

Unit Type:
Select one of the following unit type options. Enter the code on the form.

Code	Description
RESREC	Resource recovery unit
OTHER	Other unit type

Monitoring Type:
Designate the monitoring option for each pollutant. Select only the type(s) of monitoring applicable under 40 CFR Part 60, Subpart Da. If no monitoring is required for a specified pollutant, leave the column blank.

PM Monitoring Type:
Select one of the following monitoring options for particulate matter. Enter the code on the form.

Note: PM Monitoring type need not be completed if "PM Exemptions" is "CDP," or "EXEMPTF1."

Code	Description
PMCEMS	Continuous emission monitoring system (CEMS) per § 60.49Da(v)
EP-PMOD	An electrostatic precipitator is used for PM control and PM monitored using a predictive model per § 60.48Da(o)(3)
BH-LDET	A baghouse is used for PM control and PM monitored using a leak detection per § 60.48Da(o)(4)
EPBH-COMS	An electrostatic precipitator or a baghouse is used for PM control and PM monitored using COMS per § 60.48Da(o)(2)
PMCPMS	Continuous parameter monitoring system (CPMS) per 40 CFR Part 63, Subpart UUUUU per 60.49Da(a)(4)(ii)
OTHERPM	Other than above options

Opacity Monitoring Type:
Select one of the following monitoring options for opacity. Enter the code on the form.

Note: "Opacity Monitoring Type" need not be completed if "PM Exemptions" is "CDP," or "EXEMPTF1."

Code	Description
CMS	Continuous monitoring system for opacity (COMS)
ALT-A2I	The facility uses a fabric filter with a leak detection system installed per § 60.49Da(a)(2)(i) to meet § 60.42Da and elects to monitor opacity per § 60.49Da(a)(3)
ALT-A2II	The facility does not use a post-combustion technology for SO_2 or PM and burns gaseous or liquid fuels meeting specifications in § 60.49Da(a)(2)(ii) and elects to monitor opacity per § 60.49Da(a)(3)
ALT-A2III	The facility does not use a post-combustion technology (except a wet scrubber) for PM, SO_2 or CO and burns gaseous fuels or fuel oils meeting specifications in § 60.49Da(a)(2)(iii)(A)-(C) and elects to monitor opacity per § 60.49Da(a)(3)
ALT-A2IV	The facility uses an ESP and uses an ESP predictive model to monitor the performance of the ESP developed in accordance and operated according to the most current requirements in section §60.48Da of this part) (use if PM monitoring is EP-PMOD)
ALT-A4I	The affected facility combusts only gaseous and/or liquid fuels (excluding residue oil) where the potential SO2 emissions rate of each fuel is no greater than 26 ng/J (0.060 lb/MMBtu), and the unit operates according to a written site-specific monitoring plan approved by the permitting authority
ALT-A4II	The affected facility uses a particulate matter continuous parametric monitoring system (PM CPMS) according to the requirements specified in subpart UUUUU of part 63
NONE	No monitoring for opacity (use if PM monitoring is "PMCEMS")

SO_2 Monitoring Type:
Select one of the following monitoring options for sulfur dioxide (SO_2). Enter the code on the form.

Code	Description
ASFRD-C	As-fired sampling and using continuous emission monitoring system [§ 60.49Da(b)(3)]
ASFRD-C75	As-fired sampling and using continuous emission monitoring system installed to meet the requirements of Part 75 [§ 60.49Da(b)(3)]
CEM	Continuous emission monitoring system [§ 60.49Da(b)(1) or (b)(2)]
CEMS75	Continuous emission monitoring system installed to meet the requirements of Part 75 [§ 60.49Da(b)(4)]
NONE	Only gaseous and/or liquid fuels (excluding residual oil) where the potential SO2 emissions rate of each fuel is 26 ng/J (0.060 lb/MMBtu) or less are combusted as specified in 60.49Da(b)

NO_x Monitoring Type:
Select one of the following monitoring options for nitrogen oxides (NO_x). Enter the code on the form.

Code	Description
CEMS	Continuous emission monitoring system
CEMS75	Continuous emission monitoring system installed to meet the requirements of Part 75
PERF	Performance test method per § 60.48Da(j)(1) or (k)(1)

SO2 Commercial Demonstration Permit:
Enter "YES" if the facility is operating under an SO2 commercial demonstration permit issued by the Administrator according to the provisions of § 60.47Da. Otherwise, enter "NO."

★ **Do not complete "SO_2 Emission Rate" if "D-Series Fuel Type" is only "ACL" or "SRC;" or if "Construction/Modification Date" is "05-11C," 05-11R," 05-11M," "11+C," "11+R," or "11+M."**

SO_2 Emission Rate:
Select one of the following options for the SO_2 emission rate. Enter the code on the form for each fuel firing option. Do not select a heat input option if complying with lb/MWh limit in 60.43Da(a)(3) that is in lb/MWh heat output. Select the energy input option if complying with lb/MWh limit in 60.43Da(a) that is in lb/MWh heat input.

Code	Description
65-	SO_2 emission rate is less than 0.15 lb/MMBtu (65 ng/J) heat input
65-86	SO_2 emission rate is greater than 0.15 lb/MMBtu, but less than 0.20 lb/MMBtu (86 ng/J) heat input
86-260	SO_2 emission rate is greater than or equal to 0.20 lb/MMBtu (86 ng/J) heat input but less than or equal to 0.60 lb/MMBtu (260 ng/J) heat input
260+	SO_2 emission rate is greater than 0.60 lb/MMBtu (260 ng/J) heat input
180-	SO_2 emission rate is less than 1.4 lb/MWh (180 ng/J) gross energy output

FGD:
Enter "YES" if the affected facility has a flue gas desulfurization system. Otherwise, enter "NO."

Table 2c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Da: Standards of Performance for Electric Utility Steam Generating Units

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).
SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete "SO_2 Standard Basis" only if "Construction/Modification Date" is "05-11C," 05-11R," 05-11M," "11+C," "11+R," or "11+M."**

SO_2 Standard Basis:
Select one of the following SO_2 standards. Enter the code on the form.

Code	Description
SO2GEO	The facility meets a standard that is gross energy output-based
SO2NEO	The facility meets a standard that is net energy output-based
SO2HIN	The facility meets a standard that is heat input-based
NEITHER	The facility meets a standard other than output- or input-based (i.e. percent reduction)

NOx Commercial Demonstration Permit:
Enter "YES" if the facility is operating under a NOx commercial demonstration permit issued by the Administrator according to the provisions of § 60.47Da. Otherwise, enter "NO."

▼ **Do not continue if "NOx Commercial Demonstration Permit" is "YES."**

★ **Complete "Alternative Standard for Combined NOx and CO" only if "Construction/Modification Date" is "11+C," "11+R," or "11+M."**

Alternative Standards for Combined NOx and CO:
Select one of the following options for the alternative standards for combined NOx + CO. Enter the code on the form

Code	Description
NOXGEO	The facility is electing to meet the applicable standard for combined NOX and CO standard that is gross energy output-based
NOXNEO	The facility is electing to meet the applicable standard for combined NOX and CO standard that is net energy output-based
NONE	The facility is not electing to meet the applicable standard for combined NOX and CO

★ **Complete "NO_x Standard Basis" only if "Construction/Modification Date" is "05-11R," 05-11M," "11+C," or "11+R" and "Combined Cycle Type" is not "IGCC."**

NO_x Standard Basis:
Select one of the following NOx standards. Enter the code on the form.

For facilities constructed, reconstructed, or modified on or after May 4, 2011

Code	Description
NOXGEO	The facility meets a standard that is gross energy output-based
NOXNEO	The facility meets a standard that is net energy output-based

For facilities reconstructed after February 28, 2005, and on or before May 3, 2011

Code	Description
NOXGEO	The facility meets a standard that is gross energy output-based
NOXHIN	The facility meets a standard that is heat input-based

★ **Complete "Duct Burner" only if "Construction/Modification Date" is "78-97" and if only one "D-Series Fuel Type" was entered; or if "Construction/Modification Date" is "97-05C;" or if "Construction/Modification Date" is "05-11C" and "Combined Cycle Type" is not "IGCC."**

Duct Burner:
Enter "YES" if the unit is a duct burner. Otherwise, enter "NO."

★ **Complete "PM Flow Monitoring System" only if "PM Standard" is "PMGEO" or "PMNEO."**

PM Flow Monitoring System:
Select one of the following options to describe the flow monitoring system required for facility complying with an output-based standard under § 60.42Da. Enter the code on the form.

Code	Description
DA	Continuous flow monitoring system meeting the requirements of Performance Specification 6 of 40 CFR Part 60 Subpart Da: Appendix B and Procedure 1 of Appendix F [in accordance with 40 CFR § 60.49Da(l)]
CFMS75	Continuous flow monitoring system certified according to the requirements of 40 CFR § 75.20, meeting the applicable quality control and quality assurance requirements of 40 CFR § 75.21, and validated according to 40 CFR § 75.23 [in accordance with 40 CFR § 60.49Da(m)]
75D	Fuel flow monitoring system certified and operated according to the requirements of 40 CFR Part 75, Appendix D (gas-fired or oil-fired units only) [in accordance with 40 CFR § 60.49Da(n)]

★ **Complete "SO_2 Flow Monitoring" only if "SO_2 Standard Basis" is "SO2GEO" or "SO2NEO."**

SO_2 Flow Monitoring System:
Select one of the following options to describe the flow monitoring system required for facility complying with an output-based standard under § 60.43Da. Enter the code on the form.

Code	Description
DA	Continuous flow monitoring system meeting the requirements of Performance Specification 6 of 40 CFR Part 60 Subpart Da: Appendix B and Procedure 1 of Appendix F [in accordance with 40 CFR § 60.49Da(l)]
CFMS75	Continuous flow monitoring system certified according to the requirements of 40 CFR § 75.20, meeting the applicable quality control and quality assurance requirements of 40 CFR § 75.21, and validated according to 40 CFR § 75.23 [in accordance with 40 CFR § 60.49Da(m)]
75D	Fuel flow monitoring system certified and operated according to the requirements of 40 CFR Part 75, Appendix D (gas-fired or oil-fired units only) [in accordance with 40 CFR § 60.49Da(n)]

★ **Complete "NO_x Flow Monitoring" only if "Construction/Modification Date" is "97-05C," "97-05R," or "05+11C;" or if "Combined Cycle Type" is "IGCC;" or if "NO_x Standard Basis" is "NOXGEO" or "NOXNEO."**

NO_x Flow Monitoring System:
Select one of the following options to describe the flow monitoring system required for facility complying with an output-based standard under § 60.44Da. Enter the code on the form.

Code	Description
DA	Continuous flow monitoring system meeting the requirements of Performance Specification 6 of 40 CFR Part 60 Subpart Da, Appendix B and Procedure 1 of Appendix F [in accordance with 40 CFR § 60.49Da(l)]
CFMS75	Continuous flow monitoring system certified according to the requirements of 40 CFR § 75.20, meeting the applicable quality control and quality assurance requirements of 40 CFR § 75.21, and validated according to 40 CFR § 75.23 [in accordance with 40 CFR § 60.49Da(m)]
75D	Fuel flow monitoring system certified and operated according to the requirements of 40 CFR Part 75, Appendix D (gas-fired or oil-fired units only) [in accordance with 40 CFR § 60.49Da(n)]

Table 3a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating

★ **For units in GOP applications that were constructed, modified, or reconstructed after June 9, 1989, do not complete Table 3. Complete Table 4 as directed.**

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Construction/Modification Date:
Select one of the following options that describe the date of commencement of the most recent construction, modification, or reconstruction. Enter the code on the form.

For units in GOP applications:

Code	Description
G89-	On or before June 9, 1989

For units in SOP applications:

Code	Description
84-	On or before June 19, 1984
84-86	After June 19, 1984, and on or before June 19, 1986
86-86	After June 19, 1986, and before November 25, 1986
86-97	On or after November 25, 1986, and on or before July 9, 1997
97-05CR	Constructed or reconstructed after July 9, 1997, and on or before February 28, 2005
97-05M	Modified after July 9, 1997, and on or before February 28, 2005
05+CR	Constructed or reconstructed after February 28, 2005
05+M	Modified after February 28, 2005

▼ **Continue only if "Construction/Modification Date" is "84-86," "86-86," "86-97," "97-05CR," "97-05M," "05+CR," "05+M," or "G89-."**

Heat Input Capacity:
Select one of the following options for the heat input capacity or the maximum design heat input capacity. Enter the code on the form.

For units in GOP applications:

Code	Description
NA	Not applicable

For units in SOP applications:

Code	Description
100-	Heat input capacity is less than or equal to 100 MMBtu/hr (29 MW)
100-250	Heat input capacity is greater than 100 MMBtu/hr (29 MW) but less than or equal to 250 MMBtu/hr (73 MW)
250+	Heat input capacity is greater than 250 MMBtu/hr (73 MW)

▼ **Continue only if "Heat Input Capacity" is "100-250," or "250+."**

★ **If "Heat Input Capacity" is "100-," complete Table 4 as directed. If application type is GOP, go to Table 3b and complete "D-Series Fuel Type." Do not complete the rest of Table 3.**

Subpart Da:
Enter "YES" if the affected facility meets applicability requirements of 40 CFR Part 60, Subpart Da. Otherwise, enter "NO."

▼ **Continue only if "Subpart Da" is "NO."**

Changes to Existing Affected Facility:
Enter "YES" if a change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281. Otherwise, enter "NO."

▼ **Continue only if "Changes to Existing Affected Facility" is "NO."**

Subpart Ea, Eb or AAAA:
Enter "YES" if the affected facility meets applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA. Otherwise, enter "NO."

▼ **Continue only if "Subpart Ea, Eb or AAAA" is "NO."**

Subpart KKKK:
Enter "YES" if the affected facility is a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK. Otherwise, enter "NO."

▼ **Continue only if "Subpart KKKK" is "NO."**

Subpart Cb or BBBB:
Enter "YES" if the affected facility is covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines. Otherwise, enter "NO."

▼ **Continue only if "Subpart Cb or BBBB" is "NO."**

Table 3b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating

★ **Complete only if "Heat Input Capacity" is "100-250," "250+," or "NA."**

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

D-Series Fuel Type:
Select one or more of the following options for fuel type(s) used to fire the boiler, steam generator, or steam generating unit. Enter the code(s) on the form. In some cases, several fuel type code options could appropriately describe a single fuel being combusted (e.g., distillate oil). In these instances, select one fuel type code which represents the fuel being combusted. Enter the code on the form.

Gas Series (Fossil)

Code	Description
NG	Natural gas (GOP applicants may only fire natural gas)
CDSFNG	Coal-derived synthetic fuel meeting the definition of natural gas
GFF	Other gaseous fossil fuel

Oil Series (Fossil)

Code	Description
PET	Petroleum, crude oil, or liquid fuel derived from crude oil or petroleum other than distillate or residual oil (and not a very low sulfur oil)
PETLSO3	Petroleum, crude oil, or liquid fuel derived from crude oil or petroleum other than distillate or residual oil and that contains no more than 0.3 weight percent sulfur or has a SO_2 emission rate less than 140 ng/J (0.32 lb/MMBtu) heat input (VLS oil post 02/28/05 units)
PETLSO5	Petroleum, crude oil, or liquid fuel derived from crude oil or petroleum other than distillate or residual oil and that contains no more than 0.5 weight percent sulfur or has a SO_2 emission rate less than 215 ng/J (0.5 lb/MMBtu) heat input (VLS oil 02/28/05 or earlier units)
DOIL	Distillate oil (not a very low sulfur oil)
DOILLSO3	Distillate oil that contains no more than 0.3 weight percent sulfur or has a SO_2 emission rate less than 140 ng/J (0.32 lb/MMBtu) heat input (VLS oil post 02/28/05 units)
DOILLSO5	Distillate oil that contains no more than 0.5 weight percent sulfur or has a SO_2 emission rate less than 215 ng/J (0.5 lb/MMBtu) heat input (VLS oil 02/28/05 or earlier units)
ROIL	Residual oil with a nitrogen content less than or equal to 0.30% by weight (and not a very low sulfur oil)
ROILLSO3	Residual oil with a nitrogen content less than or equal to 0.30% by weight and that contains no more than 0.3 weight percent sulfur or has a SO_2 emission rate less than 140 ng/J (0.32 lb/MMBtu) heat input (VLS oil post 02/28/05 units)
ROILLSO5	Residual oil with a nitrogen content less than or equal to 0.30% by weight and that contains no more than 0.5 weight percent sulfur or has a SO_2 emission rate less than 215 ng/J (0.5 lb/MMBtu) heat input (VLS oil 02/28/05 or earlier units)
RO30+	Residual oil with a nitrogen content greater than 0.30% by weight (and not a very low sulfur oil)
RO30+LSO3	Residual oil with a nitrogen content greater than 0.30% by weight and that contains no more than 0.3 weight percent sulfur or has a SO_2 emission rate less than 140 ng/J (0.32 lb/MMBtu) heat input (VLS oil post 02/28/05 units)
RO30+LSO5	Residual oil with a nitrogen content greater than 0.30% by weight and that contains no more than 0.5 weight percent sulfur or has a SO_2 emission rate less than 215 ng/J (0.5 lb/MMBtu) heat input (VLS oil 02/28/05 or earlier units)

Coal Series

Code	Description
COAL	Coal
LG	Lignite mined in North Dakota, South Dakota, or Montana
OLG	Lignite mined in states other than North Dakota, South Dakota, or Montana
CLR	Coal refuses
CDSF	Coal-derived synthetic fuel not meeting the definition of natural gas
PULV	Pulverized coal
COG	Coke oven gas

Other Fuels

Code	Description
MSW	Municipal-type solid waste
WD	Wood
BPW	Byproduct/waste
HZW	Hazardous waste
SFF	Other solid fossil fuel
SNFF	Other solid non fossil fuel
NSNFF	Other non-solid non fossil fuel
LFF	Other liquid fossil fuel

If a fuel-firing option consists of multiple fuel types being combusted simultaneously, enter the D-Series fuel type code for each fuel in a separate column on the same line, with a single SOP index number. If there are more than three fuels being combusted simultaneously, use multiple lines, and start each line with a different SOP index number. Start each additional fuel-firing option on a different line with a different SOP index number. If multiple fuels that use the same code are simultaneously combusted, then enter the code once for each fuel (See Fuel-firing Option A: for an example of multiple petroleum fuels fired simultaneously).

Example:

SOP Index No.	D-Series Fuel Type	D-Series Fuel Type	ACF Option		
			SO_2	PM	NO_X
60DB-1A	COAL	PET	PET	F30-CO		
60DB-1B	NG					
60DB-2	WD				F30-WD	
60DB-3	NG	DOIL	ROIL			F10-NG

▼ **Continue only for SOP Applications.**

★ **Complete "Subpart D" only if "Construction/Modification Date" is "84-86."**

Subpart D:
Enter "YES" if the affected facility meets the applicability requirements of 40 CFR Part 60, Subpart D. Otherwise, enter "NO."

★ **Do not complete "Subpart J" if "Subpart D" is "YES."**

Subpart J:
Enter "YES" if the affected facility meets applicability requirements of 40 CFR Part 60, Subpart J. Otherwise, enter "NO."

★ **Do not complete "Subpart E" if "Subpart D" or "Subpart J" is "YES."**

Subpart E:
Enter "YES" if the affected facility meets applicability requirements of 40 CFR Part 60, Subpart E. Otherwise, enter "NO."

ACF Option:
Select one of the following annual capacity factor (ACF) options. Enter the code on the form in the space next to the "D-Series Fuel Type" code (FE = Federally Enforceable).

SO_2	Code	Description	Citation
	F30-C	Coal and oil ACF less than or equal to 30% (FE)	[60.42b(d)(1)]
	F10-OIL	Oil ACF less than or equal to 10% (FE)	[60.42b(f)(1)]
	OTHR	Other ACF or no ACF	

PM	Code	Description	Citation
	10-OTH	Coal with other fuels and other fuels ACF is less than or equal to 10%	[60.43b(a)(1)(ii)]
	F10+OTH	Coal with other fuels and other fuels ACF is greater than 10% (FE)	[60.43b(a)(2)]
	F30-CLO	Coal or coal and other solid fuels ACF less than or equal to 30% (FE)	[60.43b(a)(3)(iii)]
	30+WD	Wood ACF greater than 30%	[60.43b(c)(1)]
	F30-WD	Wood ACF less than or equal to 30% (FE)	[60.43b(c)(2)(i) and (ii)]
	10-OMW	Municipal-type solid waste with other fuels and other fuels ACF is less than or equal to 10%	[60.43b(d)(1)(ii)]
	F30-MSW	Municipal-type solid waste ACF less than or equal to 30% (FE)	[60.43b(d)(2)(i) and (iii)]
	F30-OMW	Municipal-type solid waste and other fuels ACF less than or equal to 30% (FE)	[60.43b(d)(2)(i) and (iii)]
	OTHR	Other ACF or no ACF	

NO_x	Code	Description	Citation
	F10-MIX	Coal or oil, or mixture of these fuels with natural gas ACF less than or equal to 10% (FE)	[60.44b(c)]
	F10-NGSL	Natural gas with wood, municipal-type solid waste, or other solid fuel (except coal) and natural gas ACF is less than or equal to 10% (FE)	[60.44b(d)]
	F10-MLT	Coal, oil, or natural gas with byproduct/waste and coal, oil, and natural gas ACF is less than or equal to 10% (FE)	[60.44b(e)]
	F10-NG	Natural gas, distillate oil, and residual oil with a nitrogen content less than or equal to 0.30% combined ACF less than or equal to 10% (FE)	[60.44b(j)(2) and (3)]
	10+RO	Residual oil with a nitrogen content of .30 weight percent or less natural gas, distillate oil, or any mixture of these fuels with an ACF greater than 10%	[60.48b(g)]
	OTHR	Other ACF or no ACF	

Table 3c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete "60.42b(k)(2) Low Sulfur Exemption" only if "Construction/Modification Date" is "05+CR" or "05+M," and the affected facility fires low sulfur oil and/or gaseous fuel, or mixtures that include very low sulfur oil and/or gaseous fuel.**

60.42b(k)(2) Low Sulfur Exemption:
Enter "YES" if 60.42b(k)(2) exemption applies. Otherwise, enter "NO."

★ **Complete "60.42b(k)(4) Alternative" only if "Construction/Modification Date" is "05+CR" or "05+M," and the affected facility fires coal, as defined in 40 CFR § 60.41b, alone or in combination with other fuels.**

60.42b(k)(4) Alternative:
Enter "YES" if 60.42b(k)(4) is chosen as an alternative requirement to 60.42b(k)(1). Otherwise, enter "NO."

★ **Complete "Post-combustion Control" only if "D-series Fuel Type" is "COG" alone or in combination with other fuels.**

Post-Combustion Control:
Enter "YES" if the affected facility uses a post-combustion technology, other than a wet scrubber, to reduce emissions of particulate matter or sulfur dioxide. Otherwise, enter "NO."

★ **Complete "60.43b(h)(2) Alternative" only if "Construction/Modification Date" is "05+M."**

60.43b(h)(2) Alternative:
Enter "YES" if the facility is electing to use the alternative requirements of 60.43b(h)(2) for PM. Otherwise, enter "NO."

★ **Complete "Electrical or Mechanical Output" only if "Construction/Modification Date" is "97-05CR" or "05+CR."**

Electrical or Mechanical Output:
Enter "YES" if more than 10% of the annual output is electrical or mechanical. Otherwise, enter "NO."

★ **Complete "Output Based Limit" only if "Electrical or Mechanical Output" is "YES."**

Output Based Limit:
Enter "YES" if the facility is electing to comply with the output-based limit in 60.44b(l)(3). Otherwise, enter "NO."

★ **Complete "Steam with Electricity" only if "Output Based Limit" is "YES."**

Steam with Electricity:
Enter "YES" if the facility generates process steam in combination with electricity. Otherwise, enter "NO."

★ **Complete "Electricity Only" only if "Steam with Electricity" is "NO."**

Enter "YES" if the facility generates electricity only. Otherwise, enter "NO."

60.49Da(n) Alternative:
Enter "YES" if the facility is gas- or oil-fired and is using the 60.49Da(n) alternative. Otherwise, enter "NO."

★ **Complete "60.49Da(m) Alternative" only if "60.49Da(n) Alternative" is "NO."**

60.49Da(m) Alternative:
Enter "YES" if the facility is using the 60.49Da(m) alternative. Otherwise, enter "NO."

Table 3d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete "Residual Oil Sampling" only if "D-Series Fuel Type" is "ROIL," "ROILLSO3," "ROILLSO5," "RO30+," "RO30+LSO3" or "RO30+LSO5."**

Residual Oil Sampling:
Enter "YES" if the residual oil is sampled and analyzed for nitrogen content as specified in 40 CFR § 60.49b(e). Otherwise, enter "NO."

Monitoring Type:
Designate the monitoring options for each pollutant. Select only the type(s) of monitoring applicable under 40 CFR Part 60, Subpart Db.

PM:
Select one of the following monitoring options for PM. Enter the code on the form.

Code	Description
CEM	Continuous emission monitoring system and the facility is not subject to a federally enforceable PM limit of 0.030 lb/MMBtu or less
CEM030	Continuous emission monitoring system and the facility is subject to a federally enforceable PM limit of 0.030 lb/MMBtu or less
NONE	No particulate monitoring
FLCRT	Fuel certification (maintaining receipts per § 60.49b(r)(1) – use for § 60.43b(h)(5) exemption only)
FLSMP	Fuel certification (based on fuel analysis per § 60.49b(r)(2) – use for § 60.43b(h)(5) exemption only)

Opacity:
Select one of the following monitoring options for opacity. Enter the code on the form.

Code	Description
CMS	Continuous opacity monitoring systems (COMS)
CCEM	Continuous emissions monitoring system for carbon monoxide (CO) installed and operated per 40 CFR § 60.48b(j)(4)
NONE	No particulate monitoring

NO_x:
Select one of the following monitoring options for nitrogen oxides (NO_x). Enter the code on the form.

Code	Description
CEM	Continuous emission monitoring system
CEM75	Continuous emission monitoring system used to comply with 40 CFR Part 75
PEM	Predictive emission monitoring system
NONE	No NO_x monitoring

SO_2:
Select one of the following monitoring options for SO_2. Enter the code on the form.

Code	Description
ASFRD	As-fired sampling
MTH6B	Method 6B sampling
FLCRT	Fuel certification (maintaining receipts per § 60.49b(r)(1))
FLSMP	Fuel certification (based on fuel analysis per § 60.49b(r)(2))
CEM	Continuous emission monitoring system
NONE	No SO_2 monitoring (not applicable if the low sulfur exemption applies)

Technology Type:
Select one of the following technology type options. Enter the code on the form.

Code	Description
FLDBD	Fluidized bed combustion (conventional technology)
DESLF	Flue gas desulfurization service (conventional technology)
EMRG+	Emerging technology with fuel pretreatment
EMRG-	Emerging technology without fuel pretreatment
CONV	Other conventional technology
NONE	No emerging or conventional technology is used to reduce or control SO2 emissions

Unit Type:
Select one of the following unit type options. Enter the code on the form.

Code	Description
FDSTK	Mass feed stoker
SPDSTK	Spreader stoker
DCTBRN1	Duct burner as part of combined cycle system (compliance with NO_x limitations is determined by conducting a performance test)
DCTBRN2	Duct burner as part of combined cycle system (compliance on a 30-day rolling average basis determined by using a continuous emission monitoring system)
SLGTP	Slag tap furnace
OTHER	Other unit type

★ **Complete "Heat Release Rate" only if "Unit Type" is "FDSTK," SPDSTK," "SLGTP," or "OTHER" and "D series Fuel Type" is, alone or in combination, "NG," "DOIL," "DOILLSO3," "DOILLSO5," "ROIL," "ROILLSO3," "ROILLSO5," "RO30+," "RO30+LSO3," or "RO30+LSO5."**

Heat Release Rate:
Select one of the following options for heat release rate. Enter the code on the form for each fuel-firing option.

Code	Description
NGLOW	Natural gas with a heat release rate less than or equal to 70 MBtu/hr/ft^3
NGHIGH	Natural gas with a heat release rate greater than 70 MBtu/hr/ft^3
ROLOW	Residual oil with a heat release rate less than or equal to 70 Mbtu/hr/ft^3
ROHIGH	Residual oil with a heat release rate greater than 70 MBtu/hr/ft^3
DOLOW	Distillate oil with a heat release rate less than or equal to 70 Mbtu/hr/ft^3
DOHIGH	Distillate oil with a heat release rate greater than 70 MBtu/hr/ft^3

★ **Complete "Heat Input Gas/Oil" only if "Construction/Modification Date" is "97-05CR" or "05+CR." and "Heat Release Rate" is "NGLOW" or "DOLOW."**

Heat Input Gas/Oil:
Enter "YES" if the facility combusts natural gas or distillate oil in excess of 30 % of the heat input from the combustion of all fuels. Otherwise, enter "NO."

★ **Complete "Heat Input Wood" only if "Construction/Modification Date" is "05+M."**

Heat Input Wood:
Enter "YES" if the facility combusts over 30% wood by heat input. Otherwise, enter "NO."

★ **Complete "Fuel Heat Input" only if "Unit Type" is "DCTBRN1" or "DCTBRN2" and combusting coal or oil.**

Fuel Heat Input:
Enter "YES" if the heat input is less than or equal to 30% from combustion of coal and oil in the duct burner and heat input is greater than or equal to 70% of the steam generating unit and is from the exhaust gases entering the duct burner. Otherwise, enter "NO."

Table 3e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete "Alternate Emission Limit" only if "D-Series Fuel Type" is "BPW."**

Alternate Emission Limit (AEL):
Enter "YES" if the facility combusts byproduct/waste with either natural gas or oil and petitioned the EPA Administrator to establish a NO_x emission limit that applies specifically when the byproduct/waste is combusted. Otherwise, enter "NO."

AEL ID No.:
If an alternate emission limit has been approved, then enter the corresponding AEL identification number (ID No.) for each unit or process (maximum 10 characters). If the AEL identification number is unavailable, then enter the date of the approval letter. The identification number and/or the date of the approval letter is contained in the compliance file under the appropriate regulated entity number. Otherwise, leave this column blank.

▼ **Continue only if "Subpart J" is "YES."**

Facility Type:
Enter "YES" if the affected facility includes a fuel gas combustion device. Otherwise, enter "NO."

▼ **Continue only if "Facility Type" is "YES."**

Monitoring Device:
Enter "YES" if an instrument is in place for continuous monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device. Otherwise, enter "NO."

Common Fuel Source:
Enter "YES" if the fuel gas combustion device has a common fuel source with other fuel gas combustion devices. Otherwise, enter "NO."

Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Dc: Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Construction/Modification Date:
Select one of the following options that describe the date of commencement of the most recent construction, modification, or reconstruction. Enter the code on the form.

Code	Description
89-	On or before June 9, 1989
89-05	After June 9, 1989, but on or before February 28, 2005
05+	After February 28, 2005

▼ **Continue only if "Construction/Modification Date" is "89-05" or "05+."**

Maximum Design Heat Input Capacity:
Select one of the following options for the maximum design heat input capacity. Enter the code on the form.

Code	Description
10-	Maximum design heat input capacity is less than 10 MMBtu/hr (2.9 MW)
10-100	Maximum design heat input capacity is greater than or equal to 10 MMBtu/hr (2.9 MW) but less than or equal to 100 MMBtu (29 MW)
100+	Maximum design heat input capacity is greater than 100 MMBtu/hr (29 MW) (for SOP applications only)

▼ **Continue only if "Maximum Design Heat Input Capacity" is "10-100."**

Applicability:
Select one of the following options for the applicability of other 40 CFR Part 60 Subparts. Enter the code on the form.

Code	Description
KKKK	A heat recovery steam generator associated with a stationary combustion turbine that meets the applicability requirements of 40 CFR Part 60, Subpart KKKK.
AAAA	Steam generating unit that meets the applicability requirements of and is subject to 40 CFR Part 60, Subpart AAAA.
CCCC	Steam generating unit that meets the applicability requirements of and is subject to 40 CFR Part 60, Subpart CCCC
BBBB	Steam generating unit that meets the applicability requirements of and is subject to an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, subpart BBBB.
J/JA	A boiler or steam generating unit located at a refinery that meets the applicability requirements of and is subject to 40 CFR Part 60, Subpart J or Ja.
TEMP	The unit is a temporary boiler.
NONE	Unit is not subject to other 40 CFR Part 60 subparts.

▼ **Continue only if "Applicability" is "NONE" or "J/JA."**

Heat Input Capacity:
Select one of the following options for the heat input capacity. Enter the code on the form.

For units in GOP applications:

Code	Description
NA	Not applicable

For units in SOP applications:

Code	Description
10-	Heat input capacity is less than or equal to 10 MMBtu/hr (2.9 MW)
10-30	Heat input capacity is greater than 10 MMBtu/hr (2.9 MW) but less than 30 MMBtu/hr (8.7 MW)
30-75	Heat input capacity is greater than or equal to 30 MMBtu/hr (8.7 MW) but less than or equal to 75 MMBtu/hr (22 MW)
75-100	Heat input capacity is greater than 75 MMBtu/hr (22 MW)

D-Series Fuel Type:
Select one or more of the following options for the fuel type(s) used to fire the boiler, steam generator, or steam generating unit. Enter the code(s) on the form. In some cases, several fuel type code options could appropriately describe a single fuel being combusted (e.g., distillate oil). In these instances, select one fuel type code which best represents the fuel being combusted. Enter the code on the form.

Code	Description
NG	Natural gas (GOP applicants may only fire natural gas)
DOIL	Distillate oil
ROIL	Residual oil
WD	Wood
OIL	Crude oil, petroleum, or liquid fuel derived from crude oil or petroleum other than distillate or residual oil
COAL	Coal, lignite, petroleum coke, or synthetic fuels derived from coal
OTHER	Other fuel
CLR	Coal Refuse

If a fuel-firing option consists of multiple fuel types being combusted simultaneously, enter the D-Series fuel type code for each fuel in a separate column on the same line, with a single SOP index number. If there are more than three fuels being combusted simultaneously, use multiple lines, and start each line with a different SOP index number. Start each additional fuel-firing option on a different line with a different SOP index number. If multiple fuels that use the same code are simultaneously combusted, then enter the code once for each fuel (See Fuel-firing Option A: for an example of multiple types of coal fired simultaneously).

Example:	**SOP Index No.**	**D-Series Fuel Type**	**D-Series Fuel Type**	**D-Series Fuel Type**	**ACF Option**	
					$S0_2$	**PM**
Fuel-firing Option A	60DC-1A	COAL	COAL	COAL	55-CL	
	60DC-1B	COAL				
Fuel-firing Option B	60DC-2	WD				30+WD
Fuel-firing Option C	60DC-3	COAL	OIL			10-OTH

▼ **Continue only for SOP Applications.**

ACF Option:
Select one of the following ACF options. Enter the code on the form in the space next to the "D-Series Fuel Type" code (FE = Federally Enforceable).

	Code	**Description**	**Citation**
SO_2	F55-CL	Coal ACF less than or equal to 55% (FE)	[60.42c(c)(2)]
	55+CL	Coal ACF greater than 55%	[60.42c(e)(1)(iii)]
	OTHR	Other ACF or no ACF	

	Code	**Description**	**Citation**
PM	10-OTH	Coal with other fuels and other fuels ACF is less than or equal to 10%	[60.43c(a)(1)]
	F10+OTH	Coal with other fuels and other fuels ACF is greater than 10% (FE)	[60.43c(a)(2)]
	30+WD	Wood ACF greater than 30%	[60.43c(b)(1)]
	F30-WD	Wood ACF less than or equal to 30% (FE)	[60.43c(b)(2)]
	OTHR	Other ACF or no ACF	

30% Coal Duct Burner:
Enter YES" if the facility combusts coal in a duct burner as part of a combined cycle system where 30% or less of the heat is from combustion of coal and 70% or more is from exhaust gases entering the duct burner. Otherwise, enter "NO."

Table 4b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart Dc: Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units

★ **Complete only if "Construction Date" is "89-05 or 05+" and "Maximum Design Heat Input Capacity" is "10-100." For SOP applications only.**

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Monitoring Type:
Designate the monitoring options for each pollutant. Select only the type(s) of monitoring applicable under 40 CFR Part 60, Subpart Dc.

PM:
Select one of the following monitoring options for particulate matter (PM). Enter the code on the form.

Code	Description
CEMS	Continuous monitoring system for PM and the facility is not subject to a federally enforceable PM limit of 0.030 lb/MMBtu or less
CEMS30	Continuous monitoring system for PM and the facility is subject to a federally enforceable PM limit of 0.030 lb/MMBtu or less
MTH+	Method 5, 5B or 17 sampling
NONE	No particulate monitoring because there is no applicable PM emission limit.

SO_2 Inlet:
Select one of the following monitoring options for SO_2 at the control device inlet or outlet of the steam generating unit if no SO_2 control device is used. Enter the code on the form.

Code	Description
ASFRD	Daily as-fired sampling
FLTNK	Shipment fuel sampling
MTH6B	Method 6B sampling
FLCRT	Fuel certification (or maintaining receipts)
CEM	Continuous emission monitoring system
NONE	No SO_2 monitoring because there is no applicable SO_2 emission limit

SO_2 Outlet:
Select one of the following monitoring options for SO_2 at the control device outlet. Enter the code on the form.

Code	Description
CEM	Continuous emission monitoring system
MTH6B	Method 6B sampling
NONE	No SO_2 monitoring because there is no applicable SO_2 emission limit

Technology Type:
Select one of the following technology type options. Enter the code on the form.

Code	Description
FLDBD	Fluidized bed combustion (conventional technology)
DESLF	Flue gas desulfurization service (conventional technology)
EMRG	Emerging technology
NONE	No emerging or conventional technology is used to reduce or control SO2 emissions
CONV	Other conventional technology

★ **Complete "43CE-Option" only if "Construction/Modification Date" is "05+" and "Heat Input Capacity" is "30-75" or "75-100" and "D-Series Fuel Type" includes "DOIL," "ROIL," "WD," "OIL," "COAL" or "CLR."**

43CE-Option:
Select one of the following § 60.43c(e) PM emission options. Enter the code on the form.

Code	Description
43CE-4	Exemption § 60.43c(e)(4) for a facility that combusts only oil that contains no more than 0.50% by weight sulfur or a mixture of 0.50% by weight sulfur oil with other fuels not subject to a PM standard under § 60.43c and not using a post-combustion technology (except a wet scrubber)
43CE-3	§ 60.43c(e)(3) for a facility that has a heat input capacity of 30 MMBtu/hr or greater and that combusts over 30% wood (by heat input) on an annual basis
43CE-1	§ 60.43c(e)(1) for a facility that combusts coal, oil, wood, a mixture of these fuels, or a mixture of these fuels with any other fuels and has a heat input capacity of 30 MMBtu/hr or greater
43CE-2	§ 60.43c(e)(2) as an alternative § 60.43c(e)(1)

★ **Do not complete "47C-Option" if any of the following conditions are met: "Monitoring Type – PM" is "CEMS30"; "D-Series Fuel Type" is "NG" and/or "OTHER"; or "Heat Input Capacity" is "10-" or "10-30."**

47C-Option:
Select one of the following § 60.47c PM (Opacity) options. Enter the code on the form.

Code	Description
47C-AB	§ 60.4c(a) and (b) COMS requirements for a facility combusting coal, oil, or wood that is subject to the opacity standards under § 60.43c
47C-C	COMS exemption § 60.47c(c) for a facility that burns only distillate oil that contains no more than 0.5 weight percent sulfur and/or liquid or gaseous fuels with potential sulfur dioxide emission rates of 26 ng/J (0.060 lb/MMBtu) heat input or less and that do not use a post combustion technology
47C-D	§ 60.47c(d) for a facility that complies with the PM emission limit by using a PM CEMS.
47C-E	COMS exemption § 60.47c(e) for a facility that does not use post-combustion technology (except a wet scrubber), burns only gaseous fuels or fuel oils that contain less than or equal to 0.5 weight percent sulfur, and operated such that emissions of CO discharged are maintained at levels less than or equal to 0.15 lb/MMBtu on a boiler operating day average basis
47C-F	COMS exemption § 60.47c(f) for a facility that uses a bag leak detection system to monitor the performance of a fabric filter (baghouse) according to the most recent requirements in section § 60.48Da
47C-G	COMS exemption § 60.47c(f) for a facility that burns only gaseous fuels or fuel oils that contain less than or equal to 0.5 weight percent sulfur and operates according to a written site-specific monitoring plan approved by the permitting authority

Table 5a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas

★ **Complete only for units located at industrial, commercial, and institutional (ICI) major sources of NO_x as defined in 30 TAC § 117.10, and located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur or Dallas/Fort Worth Eight-Hour ozone nonattainment areas.**

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Unit Type:
Select one of the following options for the type of service. Enter the code on the form.

Code	Description
ICIB-X	Industrial, commercial, or institutional boiler regulated as an existing facility by the EPA at 40 CFR Part 266, Subpart H, as was in effect on June 9, 1993
SULF	Sulfur plant reaction boiler
FCCUB	Fluid catalytic cracking unit boiler (including CO boilers) (Beaumont/Port Arthur ozone nonattainment area only)
CBCOGEN	A cogeneration boiler utilizing heat or fuel from carbon black reactors (Beaumont/Port Arthur ozone nonattainment area)
ICIB	Any other industrial, commercial, or institutional boiler

▼ **Do not continue if "Unit Type" is "SULF," or "ICIB-X" or if located in the Beaumont/Port Arthur ozone nonattainment area and "Unit Type" is "CBCOGEN."**

MRC:
Select one of the following options for the maximum rated capacity (MRC), as defined in 30 TAC Chapter 117. Enter the code on the form.

For units in GOP applications:

Code	Description
G2-	MRC is less than or equal to 2 MMBtu/hr
G2-40	MRC is greater than 2 MMBtu/hr but less than 40 MMBtu/hr
G40-100	MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr

For units in SOP applications:
For boilers located in the Beaumont/Port Arthur ozone nonattainment area:

Code	Description
40-	MRC is less than 40 MMBtu/hr
40-100	MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr
100-200	MRC is greater than or equal to 100 MMBtu/hr but less than 200 MMBtu/hr
200-250	MRC is greater than or equal to 200 MMBtu/hr but less than 250 MMBtu/hr
250+	MRC is greater than or equal to 250 MMBtu/hr

For boilers located in the Houston/Galveston/Brazoria ozone or the Dallas/Fort Worth Eight-Hour nonattainment areas:

Code	Description
2-	MRC is less than or equal to 2 MMBtu/hr
2-40	MRC is greater than 2 MMBtu/hr but less than 40 MMBtu/hr
40-100	MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr
100-200	MRC is greater than or equal to 100 MMBtu/hr but less than 200 MMBtu/hr
200-250	MRC is greater than or equal to 200 MMBtu/hr but less than 250 MMBtu/hr
250+	MRC is greater than or equal to 250 MMBtu/hr

▼ **Do not continue if located in the Beaumont/Port Arthur ozone nonattainment area and "MRC" is "G2-" or "G2-40" for GOP applications; or "40-" for SOP applications.**

▼ **Do not continue if located in the Houston/Galveston/Brazoria or the Dallas/Fort Worth Eight-Hour ozone nonattainment areas and "MRC" is "G2-" for GOP applications; or "2-" for SOP applications.**

★ **Complete "RACT Date Placed in Service" only if located in the Beaumont/Port Arthur ozone nonattainment area.**

RACT Date Placed in Service:
Select one of the following options for the date the unit was placed in service. Enter the code on the form.

Code	Description
92-	On or before November 15, 1992
92-93	After November 15, 1992, and on or before June 9, 1993
93-FCD	After June 9, 1993, and before the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020
FCD+	On or after the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020

★ **Complete "Functionally Identical Replacement" only if "RACT Date Placed in Service" is "93-FCD."**

Functionally Identical Replacement:
Select one of the following options to identify if the unit is a functionally identical replacement for a unit or group of units that were in service on or before November 15, 1992. Enter the code on the form.

Code	Description
YES	Unit is a functionally identical replacement
NO	Unit is not a functionally identical replacement

▼ **Do not continue if located in the Beaumont/Port Arthur ozone nonattainment area and "RACT Date Placed in Service" is "92-93" or "FCD+"; or "RACT Date Placed in Service" is "93-FCD" and "Functionally Identical Replacement" is "NO."**

Fuel Type:
Select one of the following options for fuel type. Enter the code on the form.

Code	Description
NG	Natural Gas (GOP applicants for GOPs 511, 512, 513 and 514 must select this option, other applicants may select this option)
GS	Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases (refinery gas or mixtures, etc.)
LFG	Landfill Gas
ORG	Renewable non-fossil fuel gas other than landfill gas
LQD	Liquid
WD	Wood
COKE	Coke (Houston/Galveston/Brazoria ozone Eight-Hour nonattainment areas only)
RICE	Rice Hull (Houston/Galveston/Brazoria ozone Eight-Hour nonattainment areas only)

If a fuel-firing option consists of multiple fuel types being combusted simultaneously, enter the fuel type code for each fuel in a separate column on the same line, with a single SOP index number. If there are more than three fuels being combusted simultaneously, use multiple lines, and start each line with a different SOP index number. Start each additional fuel-firing option on a different line with a different SOP index number. If multiple fuels that use the same code are simultaneously combusted, then enter the code once for each fuel (See Fuel-firing Option C: for an example of multiple types of liquid fuel fired simultaneously).

Example:	**SOP Index No.**	**Fuel Type**	**Fuel Type**	**Fuel Type**
	R7ICI-I	GS	LQD	WD
Fuel-firing Option A	R7ICI-2A	GS	LQD	WD
Fuel-firing Option B	R7ICI-2B	H50-A		
Fuel-firing Option C	R7ICI-3	LQD	LQD	

★ **Complete "Annual Heat Input" only if application type is SOP.**

Annual Heat Input:
Select one of the following options for the annual heat input. Enter the code on the form.

For units with a "MRC" designation of "40-100:"

Code	**Description**
28-	Annual Heat Input is less than or equal to 2.8 (10^{11}) Btu/yr, based on rolling 12-month average (Low annual capacity factor boilers)
28+	Annual Heat Input is greater than 2.8 (10^{11}) Btu/yr, based on rolling 12-month average

For units with a "MRC" designation of "100-200," "200-250," or "250+:"

Code	**Description**
22-	Annual Heat Input is less than or equal to 2.2 (10^{11}) Btu/yr, based on rolling 12-month average (Low annual capacity factor boilers)
22+	Annual Heat Input is greater than 2.2 (10^{11}) Btu/yr, based on rolling 12-month average

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Table 5b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas

▼ **Continue only if one of the following conditions is met:**

- "Unit Type" is "ICIB-X" or "FCCUB," and the unit is located in the Beaumont/Port Arthur ozone nonattainment area and the unit is to be included in the Alternative Plant-wide Emission Specifications or Source Cap as an Opt-in Unit, or the "Unit Type" is "ICIB" and the unit is located in the Beaumont/Port Arthur or Dallas/Fort Worth Eight-Hour ozone nonattainment areas
- Unit is located in the Houston/Galveston/Brazoria

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

NO_x Emission Limitation:
Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable emission specifications. Select one of the following options. Enter the code on the form.

For GOP applications

Code	Description
X03B	Title 30 TAC §§ 117.103(b)(1) or 117.303(b)(1) exemption (for all GOP boilers potentially subject to RACT)
103A	Title 30 TAC § 117.103(a)(2) exemption (use for boilers located in the Beaumont/Port Arthur ozone nonattainment area and rated less than 40 MMBtu/hr, may be used for exemption from both RACT and ESAD requirements)
103C	Title 30 TAC § 117.103(c) exemption (use for boilers located in the Beaumont/Port Arthur ozone nonattainment area rated greater than 40 MMBtu/hr and qualifies as a low annual capacity boiler under 30 TAC § 117.103(b)(2), use for exemption from ESAD requirements)
110A	Title 30 TAC § 117.110(a)(1) (use for boilers located in the Beaumont/Port Arthur ozone nonattainment area and rated greater than 40 MMBtu/hr and does not qualify as a low annual capacity boiler, for ESAD applicability.)
310A	Title 30 TAC § 117.310(a) (use for boilers located in the Houston/Galveston/Brazoria ozone nonattainment area)
410A	Title 30 TAC § 117.410(a) (use for boilers located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area)

For SOP applications

For boilers located in the Beaumont/Port Arthur ozone nonattainment area:

Code	Description
105	Title 30 TAC § 117.105 (relating to Emission Specifications for Reasonably Available Control Technology)
110A	Title 30 TAC § 117.110(a) (use for boilers located in the Beaumont/Port Arthur ozone nonattainment area and rated greater than 40 MMBtu/hr and does not qualify as a low annual capacity unit.)
APES	Unit is complying with an Alternative Plant-wide Emissions Specification under Title 30 TAC § 117.115
ACSS	Unit is complying with an Alternative Case-specific Specification under Title 30 TAC § 117.125
SC	Unit is complying with a Source Cap under Title 30 TAC § 117.123

For boilers located in the Houston/Galveston/Brazoria ozone nonattainment area:

Code	Description
310D	Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in Chapter 101, Subchapter H: Division 3 and Emission Specifications for Attainment Demonstration]
ACF	Boiler is complying with an annual capacity factor specification under Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(17)

For boilers located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area:

Code	Description
410A	Title 30 TAC § 117.410(a) (use for boilers located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area)
ACF	Boiler is complying with an annual capacity factor specification under Title 30 TAC § 117.410(a)(14)
SC	Unit is complying with a Source Cap under Title 30 TAC § 117.423
405A	Title 30 TAC § 117.405(a) (use for wood-fired boilers located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area

▼ **Continue only if application type is SOP.**

★ **Complete "Opt-in Unit" only if the site is located in the Beaumont-Port Arthur ozone nonattainment area and "Emission Limitation" is "APES" or "SC."**

Opt-In Unit:
Enter "YES" if the unit is an opt-in unit listed in 30 TAC § 117.115(f) that the owner or operator has chosen to include into the Plant-wide emission or Source Cap to comply with § 117.105 or § 117.110 (for FCCU Unit Type only). Otherwise, enter "NO."

★ **Complete "23C-Option" only if "NO_x Emission Limitation" is "SC."**

23C-Option:
Select one of the following § 117.123(c)(1) or 423(c)(1) options for monitoring. Enter the code on the form.

Code	Description
23C-A	NO_x, CO, O_2 (or CO_2) CEMS and a totalizing fuel flow meter per § 117.123(c)(1)(A) or § 117.423(c)(1)(A).
23C-B	PEMS and a totalizing fuel flow meter per § 117.123(c)(1)(B) or § 117.423(c)(1)(B).
23C-C	Rate measured by hourly emission rate testing per § 117.123(c)(1)(C) or § 117.423(c)(1)(C).

★ **Complete "30 TAC Chapter 116 Permit Limit" only if "NO_x Emission Limitation" is "105."**

30 TAC Chapter 116 Permit Limit:
Select one of the following options for 30 TAC Chapter 116 permit limit. Enter the code on the form.

For units with a 30 TAC Chapter 116 permit in effect on June 9, 1993:

Code	Description
93Y	NO_x emission limit in 30 TAC § 117.105 is greater than the NO_x emission limit in a 30 TAC Chapter 116 permit
93N	NO_x emission limit in 30 TAC § 117.105 is not greater than the NO_x emission limit in a 30 TAC Chapter 116 permit

For units placed in service after June 9, 1993, and prior to the final compliance date of 30 TAC § 117.9000 as a functionally identical replacement for an existing unit or group of units and limited to the cumulative MRC of the units replaced:

Code	Description
95Y	Emission limit in 30 TAC § 117.105 is greater than the NO_x emission limit in any 30 TAC Chapter 116 permit issued after June 9, 1993
95N	Emission limit in 30 TAC § 117.105 is not greater than the NO_x emission limit in any 30 TAC Chapter 116 permit issued after June 9, 1993

For existing units without a 30 TAC Chapter 116 permit in effect on June 9, 1993, or for units placed in service after the final compliance date of 30 TAC § 117.9000 as a functionally identical replacement for an existing unit or group of units and limited to the cumulative MRC of the units replaced:

Code	Description
N/A	NO_x emission limit in 30 TAC § 117.105 applies for purposes of 30 TAC Chapter 117

★ **Complete "EGF System Cap Unit" only if located in the Houston/Galveston/Brazoria ozone nonattainment area.**

EGF System Cap Unit:
Enter "YES" if the unit is used as an electric generating facility to generate electricity for sale to the electric grid. Otherwise, enter "NO."
Units with electric output entirely dedicated to industrial customers or that generate electricity primarily for internal use are not considered as electric generating facilities generating electricity for sale to the electric grid and are not subject to the system cap requirements of 30 TAC § 117.320. "Entirely dedicated" may include up to two weeks per year of service to the electric grid when the industrial customer's load sources are not operating. Units generating electricity primarily for internal use are those that have previously or will transfer generated electricity to a utility power distribution system at a rate less than 3.85% of actual electrical generation.

NO_x Emission Limit Average:
Select one of the following options for the NO_x emission limit. Enter the code on the form.

Code	Description
30DAY	Comply with the applicable emission limit in pounds/MMBtu on a rolling 30-day average
30/24	Emission limit in pounds/MMBtu on a rolling 30-day and 24-hour average
BLK1-LB	Comply with the applicable emission limit using block one-hour average
PPMV	Emission limit in parts per million by volume (ppmv)
OTHER	Other emission limit basis

NO_x Reduction:
Select one of the following NO_x reduction options. Enter the code on the form.

Code	Description
FRCFG	Forced flue gas recirculation
INDFG	Induced flue gas recirculation
WATER	Water or steam injection
POST1	Post combustion control technique with ammonia or urea injection
POST2	Post combustion control technique with chemical reagent injection other than ammonia or urea
OTHER	Other NOx reduction method
NONE	No NO_x reduction

★ **Complete "Common Stack Combined" only if the unit is located in the Beaumont/Port Arthur ozone nonattainment area**

Common Stack Combined:

Enter "YES" if the unit is vented through a common stack; the total rated heat input from combined units is greater than or equal to 250 MMBtu/hr and the annual combined heat input is greater than 2.2 (10^{11}) Btu/yr. Otherwise, enter "NO."

Table 5c: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete "Fuel Type Heat Input" only if "NO_x Emission Limitation" is "APES."**

Fuel Type Heat Input:
Select one of the following options for the annual heat input. Enter the code on the form.

Code	Description
GAS50	Boiler is fired with gaseous and liquid fuel, and derives more than 50% annual heat input from gaseous fuel
LIQ50	Boiler is fired with gaseous and liquid fuel, and derives more than 50% annual heat input from liquid fuel
SOLID	Boiler is fired with a combination of gaseous (or liquid) and solid fuels
NONE	Boiler is fired with none of the above combinations

Note: Boilers that derive exactly 50% annual heat input from gaseous fuel and 50% from liquid fuel may choose either GAS50 or LIQ50.

NO_x Monitoring System:
Select one of the following monitoring system options. Enter the code on the form.

Code	Description
75ARC	Acid rain affected unit subject to continuous emissions monitoring requirements of 40 CFR Part 75
75ARP	Acid rain affected unit subject to predictive emissions monitoring requirements of 40 CFR Part 75
CEMS	Continuous emissions monitoring system
PEMS	Predictive emissions monitoring system
MERT	Maximum emissions rate testing

Fuel Flow Monitoring:
Select one of the following options to indicate how fuel flow is monitored. Enter the code on the form.

Code	Description
X40A	Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a)
X40A2-A	Unit operates with a NO_x and diluent CEMS and monitors stack exhaust flow per 30 TAC §§ 117.140(a)(2)(A), 117.340(a) (2)(A) or 117.440(a) (2)(A)
X40A2-B	Unit vents to a common stack with a NO_x and diluent CEMS and uses a single totalizing fuel flow meter per 30 TAC §§ 117.140(a)(2)(B), 117.340(a) (2)(B) or 117.440(a) (2)(B)

▼ **Do not continue if "Opt-in Unit" is "YES."**

CO Emission Limitation:
Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable CO emission specifications of 30 TAC Chapter 117, Subchapter B. Select one of the following options. Enter the code on the form.

For boilers located in the Beaumont/Port Arthur ozone nonattainment area:

Code	Description
105F	Title 30 TAC § 117.105(f) [relating to Emissions Specifications for Reasonably Available Control Technology (use for unit's subject to RACT in the Beaumont/Port Arthur ozone nonattainment area.)
110C	Title 30 TAC § 117.110(c)(1) [relating to Emission Specifications for Attainment Demonstration] (use for unit's subject to ESAD requirements in the Beaumont/Port Arthur ozone nonattainment area)
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC § 17.125(a)

For boilers located in the Houston/Galveston/Brazoria ozone nonattainment area:

Code	Description
310C	Title 30 TAC § 117.310(c)(1) 400 ppmv option
310CPPMV	Title 30 TAC § 117.310(c)(1) 775 ppmv option for wood-fuel-fired boilers
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC § 117.325(a)

For boilers located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area:

Code	Description
410C	Title 30 TAC § 117.410(c)(1) [relating to Emission Specifications for Attainment Demonstration] (use for unit's subject to ESAD requirements in the Dallas/Fort Worth Eight-Hour ozone nonattainment area.)
405D	Title 30 TAC § 117.405(d)(1) [use for wood fired units subject to Reasonably Available Control Technology (RACT) requirements]
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC § 117.425(a)

CO Monitoring System:
Select one of the following options to indicate how the unit is monitored for CO exhaust emissions. Enter the code on the form.

Code	Description
CEMS	Continuous emissions monitoring system
PEMS	Predictive emissions monitoring system
OTHER	Other than CEMS or PEMS

▼ **Continue only if "NO_x Reduction" is "POST1."**

NH_3 Emission Limitation:
Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable NH_3 emission specifications of 30 TAC Chapter 117. Select one of the following options. Enter the code on the form.

For boilers located in the Beaumont/Port Arthur ozone nonattainment area:

Code	Description
105G	Title 30 TAC § 117.105(g) [relating to Emission Specifications for Reasonably Available Control Technology]
110C	Title 30 TAC § 117.110(c)(2) [relating to Emission Specifications for Attainment Demonstration]
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC § 117.125(a)

For boilers located in the Houston/Galveston/Brazoria ozone nonattainment area:

Code	Description
310C	Title 30 TAC § 117.310(c)(2) [relating to Emission Specifications for Attainment Demonstration]
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC § 117.325(a)

For boilers located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area:

Code	Description
410C	Title 30 TAC § 117.410(c)(2) [relating to Emission Specifications for Attainment Demonstration]
405D	Title 30 TAC § 117.405(d)(2) [use for wood fired units subject to Reasonably Available Control Technology (RACT) requirements]
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC § 117.425.

Note: If using some other alternative, such as an alternate reasonably available control technology, alternate means of control, or emission reduction credit, the type of alternate used will need to be explained in a cover letter or some other attachment to the permit application.

NH_3 Monitoring:
Select one of the following options to indicate how the unit is monitored for NH_3 emissions. Enter the code on the form.

Code	Description
CEMS	Continuous emissions monitoring system
PEMS	Predictive emissions monitoring system
MBAL	Mass balance
OXY	Oxidation of ammonia to nitric oxide (NO)
STUBE	Stain tube

Table 6a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter C: Combustion Control at Major Utility Electric Generation Sources in Ozone Nonattainment Areas

★ **Complete Tables 6a and 6b only for utility boilers or auxiliary steam boilers that are:**
- **included in an SOP application;**
- **used in an electric power generating system owned or operated by an electric cooperative, municipality, river authority, public utility, or a Public Utility Commission (PUC) of Texas regulated utility or any of their successors; and**
- **located within the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour ozone nonattainment areas.**

The Dallas/Fort Worth Eight-Hour ozone nonattainment area consists of Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, and Tarrant counties.

Sites located in Parker County have applicability under both 30 TAC Chapter 117, Subchapter C: Division 4 and under 30 TAC Chapter 117, Subchapter E: Division 1: Utility Electric Generation in East and Central Texas and should complete both Tables 6a - 6b and Tables 9a - 9c to determine requirements.

Independent power producers in Parker County are subject only to the requirements of 30 TAC Chapter 117, Subchapter E: Division 1: Utility Electric Generation in East and Central Texas and should complete only Tables 9a - 9c.

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Date Placed in Service:
Select one of the following options for the date the unit was placed in service. Enter the code on the form.

Code	Description
92-	On or before November 15, 1992
92-93	After November 15, 1992, and on or before June 9, 1993
93-FCD	After June 9, 1993, and before the final compliance date in 30 TAC §§ 117.9100 or 117.9120
FCD+	On or after the final compliance date in 30 TAC §§ 117.9100 or 117.9120

★ **Complete "Functionally Identical Replacement" only if "Date Placed in Service" is "92-93," or "93-FCD," or "FCD+" and located in Beaumont/Port Arthur ozone nonattainment area.**

Functionally Identical Replacement:
Select one of the following codes to identify if the unit is a functionally identical replacement for a unit or group of units. Enter the code on the form.

Code	Description
YES	Unit is a functionally identical replacement
NO	Unit is not a functionally identical replacement

Annual Heat Input:
Select one of the following options for the annual heat input. Enter the code on the form.

Code	Description
22-	Annual heat input is less than or equal to 2.2 (10^{11}) Btu/yr
22+	Annual heat input is greater than 2.2 (10^{11}) Btu/yr

Service Type:
Select one of the following options for the type of service. Enter the code on the form.

Code	Description
UTIL	Utility boiler (other than peaking service)
AUX-D	Auxiliary boiler that is an affected facility under 40 CFR Part 60, Subpart D, Db, or Dc
AUX	Auxiliary boiler that is not an affected facility under 40 CFR Part 60, Subpart D, Db, or Dc

▼ **Continue if "Annual Heat Input" is "22+," and "Date Placed in Service" is "92-"; or "Date Placed in Service" is "93-FCD" and "Functionally Identical Replacement" is "YES."**

Fuel Type:
Select one of the following options for fuel type. Enter the code on the form.

Code	Description
NG	Natural gas (gaseous)
CL	Coal
FO	Fuel oil (liquid)
WST	Waste oil (liquid)

If a fuel-firing option consists of multiple fuel types being combusted simultaneously, enter the 30 TAC Chapter 117 fuel type code for each fuel in a separate column on the same line, with a single SOP index number. If there are more than three fuels being combusted simultaneously, use multiple lines, and start each line with a different SOP index number. Start each additional fuel-firing option on a different line with a different SOP index number. If multiple fuels that use the same code are simultaneously combusted, then enter the code once for each fuel (See Fuel-firing Option C: for an example of multiple types of fuel oil fired simultaneously).

Example:	**SOP Index No.**	**Fuel Type**	**Fuel Type**	**Fuel Type**
Fuel-firing Option A	R7UT-1	NG	CL	
Fuel-firing Option B	R7UT-2A	NG	CL	FO
Fuel-firing Option C	R7UT-3	NG	FO	FO

★ **Complete "RACT NO_x Emission Limitation" only if the site is located in the Beaumont/Port Arthur ozone nonattainment area and "Service Type" is "AUX" or "AUX-D."**

RACT NO_x Emission Limitation:
Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable NO_x limitation standards listed in 30 TAC § 117.1005. Select one of the following options. Enter the code on the form.

Code	**Description**
X05	Title 30 TAC § 117.1005 [relating to Emission Specifications for Reasonably Available Control Technology]
ACSS	Title 30 TAC § 117.1025, [relating to Alternative Case Specific Specifications]

Note: If using some other alternative, such as an alternate reasonably available control technology, alternate means of control, or emission reduction credit, the type of alternate used will need to be explained in a cover letter or some other attachment to the permit application.

★ **Complete "ESAD NO_x Emission Limitation" only if "RACT NO_x Emission Limitation" was NOT completed.**

ESAD NO_x Emission Limitation:
Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable NO_x limitation standards listed in 30 TAC §§ 117.1010, 117.1210, or 117.1310. Select one of the following options. Enter the code on the form.

Code	**Description**
X10	Title 30 TAC §§ 117.1010 or 117.1310 [relating to Emission Specifications for Attainment Demonstration]
SC	Title 30 TAC § 117.1020 [relating to System Cap]
1201-	Unit complying with any applicable permit limit in a permit issued before January 2, 2001, in lb/MMBtu heat input as specified in § 117.1220 [relating to System Cap] and 30 TAC Chapter 101, Subchapter H: Division 3
1201+	Unit complying with any applicable permit limit in a permit issued on or after January 2, 2001, that the owner or operator submitted an application determined to be administratively complete by the E.D. before January 2, 2001, in lb/MMBtu heat input as specified in § 117.1220 [relating to System Cap] and 30 TAC Chapter 101, Subchapter H: Division 3
12PBR	Unit complying with any applicable permit limit in a permit by rule under which construction commenced by January 2, 2001, that the owner or operator submitted an application determined to be administratively complete by the E.D. before January 2, 2001, in lb/MMBtu heat input as specified in § 117.1220 [relating to System Cap] and 30 TAC Chapter 101, Subchapter H: Division 3
1210	Title 30 TAC § 117.1210 [relating to Emission Specifications for Attainment Demonstration] (not complying with any above emission specifications)

★ **Complete "EGF" only if located in the Houston/Galveston/Brazoria ozone nonattainment area.**

EGF:
Enter "YES" if the unit meets the definition of an electric generating facility (EGF). Otherwise, enter "NO."

Table 6b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter C: Combustion Control at Major Utility Electric Generation Sources in Ozone Non-Attainment Areas

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete "Fuel Firing Option" only if the site is located in the Houston/Galveston/Brazoria ozone nonattainment area and "ESAD NO_x Emission Limitation" is "1210" and "Service Type" is "UTIL."**

Fuel Firing Option:
Title 30 TAC Chapter 117 provides two methods to be in compliance with the applicable NO_x limitation standards listed in 30 TAC § 117.1210(a)(1)(B). Select one of the following options. Enter the code on the form.

Code	Description
WALL	Wall-fired
TANG	Tangential fired

★ **Complete "ESAD NO_x Emission Limitation for DFW 8-Hour" only if the site is located in the Dallas/Fort Worth Eight Hour ozone nonattainment area and "ESAD NO_x Emission Limitation" is "X10" and "Service Type" is "UTIL."**

ESAD NO_x Emission Limitation for DFW 8-Hour:
Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable NO_x limitation standards listed in 30 TAC § 117.1310. Select one of the following options. Enter the code on the form.

Code	Description
SMALL	Unit part of a small utility system as defined in § 117.10
ANNUAL	Unit calculating emissions on an annual average basis lb/MW-hr
LRG-SW	Unit part of a large utility system calculating emissions on a system-wide heat input weighted average basis
LRG	Unit part of a large utility system not calculating emissions on a system-wide heat input weighted average basis

NO_x Monitoring System:
Select one of the following monitoring system options. Enter the code on the form.

Code	Description
75-E	Monitoring operating parameters in accordance with 40 CFR Part 75, Appendix E
CEMS	Continuous emission monitoring system
PEMS	Predictive emission monitoring system in accordance with 30 TAC §§ 117.1040(f), 117.1240(g) or 117.1340(g)
1HR	Monitoring operating parameters using the maximum block 1-hour emission rate as measured by the 30-day test
NONE	Not using any of the above options

★ **Complete "Title 30 TAC Chapter 116 Permit Limit" only if in the Beaumont/Port Arthur ozone nonattainment area, "RACT NO Emission Limitation" is "X05" and the unit is an auxiliary steam boiler.**

Title 30 TAC Chapter 116 Permit Limit:
Select one of the following descriptions of the 30 TAC Chapter 116 permit limit. Enter the code on the form.

Code	Description
82Y	Emission limit in a 30 TAC Chapter 116 permit issued after March 3, 1982, is equal to 0.12-pound NO_x per MMBtu heat input

For units having a 30 TAC Chapter 116 permit in effect on June 9, 1993:

Code	Description
93Y	NO_x emission limit in 30 TAC § 117.1005 is greater than the NO_x emission limit in a 30 TAC Chapter 116 permit
93N	NOx emission limit in 30 TAC § 117.1005 is not greater than the NO_x emission limit in a 30 TAC Chapter 116 permit

For units placed into service after June 9, 1993, and prior to the final compliance date in 30 TAC § 117.9100, as functionally identical replacement for an existing unit or group of units and limited to the cumulative maximum rated capacity of the units replaced:

Code	Description
95Y	Emission limit in 30 TAC § 117.1005 is greater than the NO_x emission limit in any 30 TAC Chapter 116 permit issued after June 9, 1993
95N	Emission limit in 30 TAC § 117.1005 is not greater than the NO_x emission limit in any 30 TAC Chapter 116 permit issued after June 9, 1993

CO Emission Limitation:
Title 30 TAC Chapter 117 provides options to be in compliance with the applicable CO emission specifications of 30 TAC Chapter 117, Subchapter C. Select one of the following options. Enter the code on the form.

Code	Description
1005	Title 30 TAC § 117.1005(h) [relating to Emission Specifications for Reasonably Available Control Technology] (use for boilers located in the Beaumont/Port Arthur ozone nonattainment area)
1010	Title 30 TAC § 117.1010(b)(1) [relating to Emission Specifications for Attainment Demonstration] (use for boilers located in the Beaumont/Port Arthur ozone nonattainment area)
1210	Title 30 TAC § 117.1210(b)(1) [relating to Emission Specifications for Attainment Demonstration] (use for boilers located in the Houston/Galveston/Brazoria ozone nonattainment area)
1310	Title 30 TAC § 117.1310(b)(1)(A) [relating to Emission Specifications for Eight-Hour Attainment Demonstration] (use for boilers located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area)
ACSS	Unit is complying with an Alternative Case Specific Specifications under 30 TAC §§ 117.1025, 117.1225 or 117.1325

CO Monitoring System:
Select one of the following monitoring system options. Enter the code on the form.

Code	Description
CEMS	Continuous emission monitoring system
PEMS	Predictive emission monitoring system in accordance with 30 TAC §§ 117.1040(f), 117.1240(g) or 117.1340(g)
NONE	Not using CEMS or PEMS

Ammonia Use:
Enter "YES" if urea or ammonia injection is used to control NO_x emissions. Otherwise, enter "NO."

▼ **Continue only if "Ammonia Use" is "YES."**

NH_3 Emission Limitation:
Title 30 TAC Chapter 117 provides two methods to be in compliance with the applicable NH_3 limitation standards listed in 30 TAC Chapter 117, Subchapter C. Select one of the following options. Enter the code on the form.

Code	Description
1005	Title 30 TAC § 117.1005(j) [relating to Emission Specifications for Reasonably Available Control Technology] (use for boilers located in the Beaumont/Port Arthur ozone nonattainment area)
1010	Title 30 TAC § 117.1010(b)(2) [relating to Emission Specifications for Attainment Demonstration] (use for boilers located in the Beaumont/Port Arthur ozone nonattainment area)
1210	Title 30 TAC § 117.1210(b)(2) [relating to Emission Specifications for Attainment Demonstration] (use for boilers located in the Houston/Galveston/Brazoria ozone nonattainment area)
1310	Title 30 TAC § 117.1310(b)(2) [relating to Emission Specifications for Eight-Hour Attainment Demonstration] (use for boilers located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area)
ACSS	Unit is complying with an Alternative Case Specific Specification under 30 TAC §§ 117.1025, 117.1225 or 117.1325

NH_3 Monitoring System:
Select one of the following monitoring system options. Enter the code on the form.

Code	Description
CEMS	Continuous emission monitoring system
PEMS	Predictive emission monitoring system in accordance with 30 TAC §§ 117.1040(f), 117.1240(g) or 117.1340(g)
NONE	Not using CEMS or PEMS

Table 7: Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 112), Subchapters A–D: Control of Air Pollution from Sulfur Compounds

★ **Complete only for units combusting liquid fuel or solid fossil fuel. Complete only for SOP applications.**

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Fuel Type:
Select one of the following options for the fuel type as it pertains to 30 TAC Chapter 112. Enter the code on the form.

For units located in Harris or Jefferson County:

Code	Description
SLD-HJ	Solid fossil fuel
LQD+3	Liquid fuel with a sulfur content greater than 0.3% by weight
LQD-3	Liquid fuel with a sulfur content less than or equal to 0.3% by weight

For units located in other counties:

Code	Description
SLD	Solid fossil fuel
LQD	Liquid fuel

★ **Complete "Date of Operation" only for units located in Milam County and with "Fuel Type" designation of "SLD."**

Date of Operation:
Select one of the following options for the date of operation. Enter the code on the form.

Code	Description
55-	Began operation before January 1, 1955
55+	Began operation on or after January 1, 1955

Heat Input:
Select one of the following options for the design heat input. Enter the code on the form.

For units with "Fuel Type" designation of "SLD" or "SLD-HJ:"

Code	Description
250S-	Design heat input is less than or equal to 250 MMBtu/hr
25-15H	Design heat input is greater than 250 MMBtu/hr but less than or equal to 1500 MMBtu/hr
15H+	Design heat input is greater than 1500 MMBtu/hr

For units with "Fuel Type" designation of "LQD," "LQD+3," or "LQD-3:"

Code	Description
250L-	Design heat input is less than or equal to 250 MMBtu/hr
250+	Design heat input is greater than 250 MMBtu/hr

★ **Complete "Control Equipment" only if "Heat Input" is "25-15H," "15H+," or "250+."**

Control Equipment:
Select one of the following options for SO_2 control equipment. Enter the code on the form.

Code	Description
SO_2	Unit equipped with SO_2 control equipment
NONE	Unit not equipped with SO_2 control equipment

★ **Complete "FCAA § 412(c)" only if "Control Equipment" is "SO_2."**

FCAA § 412(c):
Enter "YES" if the unit is subject to the Federal Clean Air Act § 412(c) [FCAA § 412(c)] as amended in 1990. Otherwise, enter "NO."

★ **Complete "Stack Height" only if "Fuel Type" is "LQD," "LQD+3," or "LQD-3."**

Stack Height:
Enter "YES" if the effective stack height is less than the standard effective stack height for each stack to which the unit routes emissions. Otherwise, enter "NO."

Table 8a: Title 30 Texas Administrative Code Chapter 113 (30 TAC Chapter 113), Subchapter D: Hospital/Medical/Infectious Waste Incinerators

★ **Complete this table only for an existing hospital/medical/infectious waste incinerator (HMIWI) as defined in 30 TAC § 113.2070.**

Unit ID No.:
Enter the identification number (ID No.) for the boiler (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information, relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Construction Date:
Select one of the following options that describe the date of commencement of the most recent construction. Enter the code on the form.

Code	Description
-96	On or before June 20, 1996
+96	After June 20, 1996

▼ **Continue only if "Construction Date" is "-96."**

Combustor Type:
Enter "YES" if the HMIWI unit meets one of the combustor types specified in Table 1 of 30 TAC § 113.2070. Otherwise, enter "NO.

★ **Complete "Type of Waste" and "Co-Fired Combustor" only if "Combustor Type" is "YES."**

Type of Waste:
Enter "YES" if the boiler is burning only pathological waste, low-level radioactive waste, and/or chemotherapeutic waste. Otherwise, enter "NO."

CO-Fired Combustor:
Enter "YES" if the boiler is a co-fired combustor as defined in 30 TAC § 113.2070. Otherwise, enter "NO."

▼ **Continue only if "Combustor Type" is "NO."**

HMIWI Size:
Enter "YES" if the incinerator is a small remote HMIWI as defined in 30 TAC § 113.2070. Otherwise, enter "NO."

▼ **Continue only if "HMIWI SIZE" is "YES."**

Control Device:
Enter "YES" if the boiler is equipped with a dry scrubber followed by a fabric filter, a wet scrubber, or a dry scrubber followed by both a fabric filter and a wet scrubber. Otherwise, enter "NO."

PM CEMS:
Enter "YES" if the incinerator uses a continuous emissions monitoring system (CEMS) to demonstrate compliance with the PM emission limit. Otherwise, enter "NO."

Opacity Monitoring:
Select one of the following options that describe the method used to demonstrate compliance with the opacity emission limit. Enter the code on the form.

Code	Description
COMS	Continuous opacity monitoring system
EQUIV	Equivalent opacity monitor approved by the EPA Administrator
NONE	No opacity monitoring system

Approved Equivalent ID No.:
If an equivalent opacity monitor has been approved, then enter the corresponding equivalent opacity monitor unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the equivalent opacity monitor approval letter. The unique identifier and/or the date of the approval letter is contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

Table 8b: Title 30 Texas Administrative Code Chapter 113 (30 TAC Chapter 113), Subchapter D: Hospital/Medical/Infectious Waste Incinerators

Unit ID No.:
Enter the identification number (ID No.) for the incinerator (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Commercial Unit:
Enter "YES" if the unit has a commercial medical waste incinerator, or if it burns more than 200 lbs/hr of hospital waste or medical/infectious waste. Otherwise, enter "NO."

CO Monitoring:
Select one of the following options that describe the method used to demonstrate compliance with the CO emission limit. Enter the code on the form.

Code	Description
CEMS	Continuous emission monitoring system (CEMS)
EQUIV	Equivalent CO monitor approved by the EPA Administrator
NONE	No CO monitoring system

Approved Equivalent ID No.:
If an equivalent CO monitor has been approved, then enter the corresponding equivalent CO monitor unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the equivalent CO monitor approval letter. The unique identifier and/or the date of the approval letter is contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

Dioxins/Furans CEMS:
Enter "YES" if the incinerator uses a continuous emissions monitoring system (CEMS) to demonstrate compliance with the dioxins/furans emission limit. Otherwise, enter "NO."

Toxic Equivalent Method:
Enter "YES" if the toxic equivalent quantity method as described in 30 TAC § 113.2075(a)(1)(F) is used to determine compliance with the dioxins/furans emission limit. Otherwise, enter "NO."

HCL CEMS:
Enter "YES" if the incinerator uses a continuous emissions monitoring system (CEMS) to demonstrate compliance with the HCL emission limit. Otherwise, enter "NO."

HCL Percentage Reduction Method:
Enter "YES" if the percentage reduction method as described in 30 TAC § 113.2075(a)(1)(G) is used to determine compliance with the HCL emission limit. Otherwise, enter "NO."

Table 8c: Title 30 Texas Administrative Code Chapter 113 (30 TAC Chapter 113), Subchapter D: Hospital/Medical/Infectious Waste Incinerators

Unit ID No.:
Enter the identification number (ID No.) for the incinerator (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Pb CEMS:
Enter "YES" if the incinerator uses a continuous emissions monitoring system (CEMS) to demonstrate compliance with the Pb emission limit. Otherwise, enter "NO."

Pb Percentage Reduction Method:
Enter "YES" if the percentage reduction method as described in 30 TAC § 113.2075(a)(1)(G) is used to determine compliance with the Pb emission limit. Otherwise, enter "NO."

Cd CEMS:
Enter "YES" if the incinerator uses a continuous emissions monitoring system (CEMS) to demonstrate compliance with the Cd emission limit. Otherwise, enter "NO."

Cd Percentage Reduction Method:
Enter "YES" if the percentage reduction method as described in 30 TAC § 113.2075(a)(1)(G) is used to determine compliance with the Cd emission limit. Otherwise, enter "NO."

Hg CEMS:
Enter "YES" if the incinerator uses a continuous emissions monitoring system (CEMS) to demonstrate compliance with the Hg emission limit. Otherwise, enter "NO."

Hg Percentage Reduction Method:
Enter "YES" if the percentage reduction method as described in 30 TAC § 113.2075(a)(1)(G) is used to determine compliance with the Hg emission limit. Otherwise, enter "NO."

Table 9a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter E: Division 1: Utility Electric Generation in East and Central Texas

★ **Complete tables 9a through 9c only for utility electric power boilers and steam generating units generating electric energy for compensation used in an electric power generating system owned or operated by an electric cooperative, independent power producer, municipality, river authority, or public utility, or any of its successors.**

★ **Complete tables 9a through 9c only for facilities located in Atascosa, Bastrop, Bexar, Brazos, Calhoun, Cherokee, Fannin, Fayette, Freestone, Goliad, Gregg, Grimes, Harrison, Henderson, Hood, Hunt, Lamar, Limestone, Marion, McLennan, Milam, Morris, Nueces, Parker, Palo Pinto, Red River, Robertson, Rusk, Titus, Travis, Victoria, or Wharton County.**

Sites owned or operated by an electric cooperative, municipality, river authority, or public utility located in Parker County have applicability under both 30 TAC Chapter 117, Subchapter C: Division 4: Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area Utility Electric Generation Sources and under 30 TAC Chapter 117, Subchapter E, Division 1: Utility Electric Generation in East and Central Texas and should complete both Tables 9a - 9c and Tables 6a - 6b to determine requirements.

Independent power producers in Parker County are subject only to the requirements of 30 TAC Chapter 117, Subchapter E: Division 1: Utility Electric Generation in East and Central Texas and should complete only Tables 9a - 9c.

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Date Placed in Service:
Select one of the following options for the date the unit was placed in service. Enter the code on the form.

Code	Description
95-	Before December 31, 1995
95+	On or after December 31, 1995

▼ **Continue only if "Date Placed in Service" is "95-."**

Unit Exempt:
Select one of the following options that describes the unit. Enter the code on the form.

Code	Description
INTUSE	The unit generates electric energy primarily for internal use but averaged over the three most recent calendar years, has sold less than one third of its potential electrical output capacity to a utility power distribution system
HEATIN	The unit has an annual heat input of 2.2 (10^{11}) Btu/yr or less, averaged over the three most recent calendar years
NONE	The unit does not qualify for any exemptions under the rule

▼ **Continue only if "Unit Exempt" is "NONE."**

Location:
Enter "YES" if the unit is a gas-fired steam generator located in Palo Pinto County as specified in 30 TAC § 117.3005(a). Otherwise, enter "NO."

★ **Complete Table 9b if "Location" is "NO." Do not complete the rest of Table 9a**.

Capacity:
Select one of the following options that describe the capacity of the gas-fired steam generating unit. Enter the code on the form.

Code	Description
6-	The unit has the capacity to generate less than 600,000 lb/hr of steam continuously
6-11	The unit has the capacity to generate more than 600,000 lb/hr but less than 1,100,000 lb/hr of steam continuously
11+	The unit has the capacity to generate more than 1,100,000 lb/hr of steam continuously

▼ **Do not continue if "Capacity" is "6-."**

★ **Complete"30% of the Max" only if "Capacity" is "6-11."**

30% of the Maximum:
Enter "YES" if the total steam generated from the unit is less than or equal to 30% of the maximum continuous steam capacity times the number of hours in a year. Otherwise, enter "NO."

★ **Do not complete "Firing Method" if "30% of Max." is "YES."**

Firing Method:
Select the option that describes the firing method for the unit. Enter the code on the form.

Code	Description
OFG	The unit is an opposed-fire steam generating unit
FFG	The unit is a front-fired steam generating unit
TFG	The unit is a tangential-fired steam generating unit

Table 9b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter E: Division 1: Utility Electric Generation in East and Central Texas

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Do not continue if "Location" is "YES."

NO_x Emission Limitation:
Title 30 TAC Chapter 117 provides two methods to be in compliance with the applicable NO_x limitation standards listed in 30 TAC § 117.3010(1). Select one of the following options. Enter the code on the form.

Code	Description
3010	Title 30 TAC § 117.3010(1) [relating to Emission Specifications
SC	Unit is complying with the System Cap under 30 TAC § 117.3020

★ **Complete "Fuel" only if "NO_x Emission Limitation" is "3010."**

Fuel:
Select one of the following options that describes the fuel fired in the unit. Enter the code on the form.

Code	Description
COAL	The unit is a coal fired electric power boiler
GAS	The unit is a gas fired electric power boiler

NO_x Monitoring:
Select one of the following options that describes the NO_x monitoring used. Enter the code on the form.

Code	Description
CEMS	A continuous emissions monitoring system is used to monitor NO_x emissions
PEMS	A parametric emissions monitoring system is used to monitor NO_x emissions

Maximum Emission Rate:
Enter "YES" if the owner or operator is using the maximum emission rate measured by the testing conducted in § 117.3035(d) to provide substitute emissions compliance when the NO_x monitor is off-line. Otherwise, enter "NO."

Ammonia Use:
Enter "YES" if urea or ammonia injection is used to control NO_x emissions. Otherwise, enter "NO."

▼ **Continue only if "Ammonia Use" is "YES."**

NH_3 Emission Limitation:
Title 30 TAC Chapter 117 provides two methods to be in compliance with the applicable NH_3 limitation standards listed in 30 TAC Chapter 117, Subchapter E. Select one of the following options. Enter the code on the form.

Code	Description
3010	Title 30 TAC § 117.3010(2) [relating to Emission Specifications]
ACSS	Unit is complying with an Alternative Case Specific Specification under 30 TAC § 117.3025

Ammonia Monitoring:
Select one of the following options that describes the ammonia monitoring used. Enter the code on the form.

Code	Description
CEMS	A continuous emissions monitoring system is used to monitor ammonia emissions
PEMS	A parametric emissions monitoring system is used to monitor ammonia emissions
OTHER	A monitoring system other than a CEMS or PEMS is used to monitor ammonia emissions

Table 10a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart EEE: Hazardous Waste Combustors

★ **Complete this table for solid or liquid fueled boilers that burn hazardous waste, and are located at an area source or a major source, and do not meet the criteria in Table 1 of § 63.1200(b)**

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Type Fuel:
Select one of the following options. Enter the code on the form.

Code	Description
SOLID	Boiler burns solid fuel
LIQUID	Boiler burns liquid fuel

Existing Source:
Enter "YES" if the boiler is an existing source (construction or reconstruction commenced on or before April 20, 2004). Otherwise, enter "NO."

Area Source:
Enter "YES" if the boiler is an area source as defined under §63.2. Otherwise, enter "NO."

★ **Complete "Elective Standards" only if "Area Source" is "YES."**

Elective Standards:
Enter "YES" if the area source is electing to comply with § 63.1216 or § 63.1217 per § 266.100(b)(3). Otherwise, enter "NO."

Dioxin/Furan Standard:
Select one of the following options. Enter the code on the form.

For solid fuel boilers:

Code	Description
CO-1S	Complying with the CO standard in § 63.1216(a)(1) or (b)(1)
THC-1S	Complying with the THC standard in § 63.1216(a)(1) or (b)(1)

For liquid fuel boilers:

Code	Description
DF-1L	Complying with the dioxin/furan standard in § 63.1217(a)(1)(i) or (b)(1)(i) [Note: for boilers equipped with a dry air pollution control system]
CO-1L	Complying with the CO standard in § 63.1217(a)(1)(ii) or (b)(1) (ii)
THC-1L	Complying with the THC standard in § 63.1217(a)(1) (ii) or (b)(1) (ii)

★ **Complete "Heating Value" only if "Type Fuel" is "LIQUID."**

Heating Value:
Enter "YES" if the hazardous waste as-fired heating value is less than 10,000 Btu/lb. Otherwise, enter "NO."

Hg Feedrate:
Enter "YES" if extrapolation of feedrate levels is used for Hg. Otherwise, enter "NO."

Table 10b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart EEE: Hazardous Waste Combustors

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

ALT Metals:
Enter "YES" if in lieu of complying with the particulate matter standards, you elect to comply with the alternative metal emission control requirement. Otherwise, enter "NO."

MET Feedrate:
Enter "YES" if extrapolation of feedrate levels is used for semivolatile and low volatile metals. Otherwise, enter "NO."

CO/THC Standard:
Select one of the following options. Enter the code on the form.

Code	Description
CO-5	Complying with the CO standard in § 63.1216(a)(5)(i) or (b)(5)(i); or § 63.1217(a)(5)(i) or (b)(5)(i)
THC-5	Complying with the THC standard in § 63.1216(a)(5)(ii) or (b)(5)(ii); or § 63.1217(a)(5)(ii) or (b)(5)(ii)

Baghouse:

Enter "YES" if the furnace is equipped with a baghouse. Otherwise, enter "NO."

★ **Complete "PM Detection" only if "Baghouse" is "YES."**

PM Detection:
Enter "YES" if a PM detection system is used. Otherwise, enter "NO."

Dioxin-Listed:
Enter "YES" if the furnace burns the dioxin-listed hazardous wastes F020, F021, F022, F023, F026, or F027. Otherwise, enter "NO."

DRE Previous Test:
Enter "YES" if previous testing was used to document conformance with the DRE standard. Otherwise, enter "NO."

★ **Complete "Feed Zone" only if "DRE Previous Test" is "YES."**

Feed Zone:
Enter "YES" if the source feeds waste at a location other than the normal flame zone. Otherwise, enter "NO."

Table 11: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111), Subchapter A: Division 2: Incineration

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Hazardous Waste:
Enter "YES" if the unit combusts hazardous waste as a fuel for energy recovery and the facility accepts hazardous waste as a fuel from off-site sources which involves a commercial transaction or a change of ownership of the waste and the facility is not regulated at 40 CFR Part 264 or 265, Subpart O. Otherwise, enter "NO."

▼ **Continue only if "Hazardous Waste" is "YES."**

Monitor:
Enter "YES" if the unit has a continuous opacity or carbon monoxide monitor (or equivalent). Otherwise, enter "NO."

Table 12: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111), Subchapter A: Division 5: Emission Limits on Nonagricultural Processes

★ **Complete this table only for solid fossil fuel-fired steam generators or oil or gas fuel-fired steam generators with a heat input greater than 2,500 million Btu per hour that have to address periodic monitoring (PM) or compliance assurance monitoring (CAM) requirements for 30 TAC Chapter 111, Nonagricultural Processes. Sources that do not have to address PM or CAM for this regulation are covered on form OP-REQ1.**

Steam generators that meet the applicability of CAM:

- Have a pre-control potential to emit that equals or exceeds the major source threshold for particulate matter; and
- Use a control device to meet the particulate matter emission limit specified in 30 TAC §111.153(b) or (c).

Steam generators that are not subject to CAM may require periodic monitoring for assuring compliance with the particulate matter emission limit in 30 TAC §111.153(b) or (c). Periodic monitoring is required for all steam generators where the actual emissions of particulate matter exceed 50 tons per year.

CAM and periodic monitoring requirements must be submitted separately on form OP-MON.

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Source Type:
Select one of the following options. Enter the code on the form.

Code	Description
SOLID	Solid fossil fuel-fired steam generator
OIL/GAS	Oil or gas fuel-fired steam generator with a heat input greater than 2,500 million Btu per hour

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Table 13a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units

★ **Complete this table for a coal fired EGU or an oil-fired EGU defined in §63.10042**

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

§63.9983(a):
Enter "YES" if the unit is designated a stationary combustion turbine, other than an IGCC unit, covered by 40 CFR Part 63, Subpart YYYY, per §63.9983(a). Otherwise, enter "NO."

§63.9983(b):
Enter "YES" if the unit is not coal- or oil-fired and combusts natural gas in accordance with §63.9983(b). Otherwise, enter "NO."

§63.9983(c):
Enter "YES" if the unit can combust more than 25 MW of coal or oil but does so in accordance with §63.9983(c). Otherwise, enter "NO."

§63.9983(d):
Enter "YES" if the unit combusts hazardous waste per §63.9983(d). Otherwise, enter "NO."

▼ **Continue only if "§63.9983(a), (b), (c) and (d)" are all "No."**

Limited-use Liquid:
Enter "YES" if the unit qualifies as a limited-use liquid oil-fired unit as defined in §63.10042. Otherwise, enter "NO."

Construction Status:
Select one of the following options that describes the construction status. Enter the code on the form.

Code	Description
NEW	The EGU is new (i.e. construction commenced after May 3, 2011 and meets the applicability criteria at the time construction commenced)
RECON	The EGU is reconstructed (i.e. reconstruction criteria as defined in §63.2 is met, construction commenced after May 3, 2011, and meets the applicability criteria at the time construction commenced
EXIST	The EGU is not new or reconstructed

▼ **Continue only if "Limited-use Liquid" is "No."**

Table 13b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Start-Up:
Enter "YES" if start-up date of affected source was before April 16, 2012. Otherwise, enter "NO."

Unit Fuel:
Select one of the following options that describes the fuel type used. Enter the code on the form.

Code	Description
8300BTU	The EGU is designed for coal with a heating value greater than or equal to 8,300 Btu/lb (i.e. not low rank virgin coal)
LORANK	The EGU is designed for low rank virgin coal
IGCC	The unit is an IGCC combusting either gasified coal or gasified solid oil-derived fuel
LIQ-OIL	The unit is a continental liquid oil-fired EGU
SO-OIL	The EGU designed to burn solid oil-derived fuel

Pollutant-a:
Select one of the following options that describes the pollutant chosen to represent HAP metals. Enter the code on the form.

Code	Description
PM	Filterable PM is a surrogate for total HAP or total non-Hg HAP metals
TOTHAP	Total HAP or total non-Hg HAP metals are used as the standard
INDHAP	Individual HAP or individual non-Hg HAP metals are used as alternative equivalent standard

★ **Complete "Syngas" only if "Construction Status" is "NEW" or "RECON," "Unit Fuel" is "IGCC;" and "Pollutant-a" is "PM."**

Syngas:
Enter "YES" if the IGCC plant duct burner is syngas-fired. Otherwise, enter "NO."

★ **Complete "PM-Input" only if "Construction Status" is "EXIST" and "Pollutant-a" is "PM."**

PM-Input:
Enter "YES" if a heat input-based limit is used for PM. Otherwise, enter "NO."

★ **Complete "TOTHAP-Input" only if "Construction Status" is "EXIST" and "Pollutant-a" is "TOTHAP."**

TOTHAP-Input:
Enter "YES" if a heat input-based limit is used for total HAP. Otherwise, enter "NO."

Table 13c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete the heat input-based series below only if "Construction Status" is "EXIST" and "Pollutant-a" is "INDHAP."**

Sb-Input:
Enter "YES" if a heat input-based limit is used for antimony. Otherwise, enter "NO."

As-Input:
Enter "YES" if a heat input-based limit is used for arsenic. Otherwise, enter "NO."

Be-Input:
Enter "YES" if a heat input-based limit is used for beryllium. Otherwise, enter "NO."

Cd-Input:
Enter "YES" if a heat input-based limit is used for cadmium. Otherwise, enter "NO."

Cr-Input:
Enter "YES" if a heat input-based limit is used for chromium. Otherwise, enter "NO."

Co-Input:
Enter "YES" if a heat input-based limit is used for cobalt. Otherwise, enter "NO."

Table 13d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Pb-Input:
Enter "YES" if a heat input-based limit is used for lead. Otherwise, enter "NO."

Mn-Input:
Enter "YES" if a heat input-based limit is used for manganese. Otherwise, enter "NO."

Ni-Input:
Enter "YES" if a heat input-based limit is used for nickel. Otherwise, enter "NO."

Se-Input:
Enter "YES" if a heat input-based limit is used for selenium. Otherwise, enter "NO."

Hg-Input-a:
Enter "YES" if a heat input-based limit is used for mercury. Otherwise, enter "NO." (Applicable only if "Unit Fuel" is "LIQ-OIL.")

★ **Complete "Pollutant-b" only if "Construction Status" is "NEW" or "RECON" and "Unit Fuel" is "8300BTU," "LORANK," IGCC" or "SO-OIL;" or if "Construction Status" is "EXIST" and "Unit Fuel" is "8300BTU," "LORANK" or "SO-OIL."**

Pollutant-b:
Select one of the following options that describes the pollutant chosen to represent acid gas. Enter the code on the form.

Code	Description
HCL	Hydrogen chloride is a surrogate for acid gas HAP.
SO_2	Sulfur dioxide is a surrogate for acid gas HAP.

Table 13e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete "HCl-Input" only if "Construction Status" is "EXIST" and "Unit Fuel" is "IGCC" or "LIQ-OIL;" or if "Construction Status" is "EXIST" and "Pollutant-b" is "HCL."**

HCl-Input:
Enter "YES" if a heat input-based limit is used for hydrogen chloride. Otherwise, enter "NO."

★ **Complete "SO_2-Input" only if "Construction Status" is "EXIST" and "Pollutant-b" is "SO_2."**

SO_2-Input:
Enter "YES" if a heat input-based limit is used for sulfur dioxide. Otherwise, enter "NO."

★ **Complete "Hg-Input-c" only if "Construction Status" is "EXIST" and "Unit Fuel" is other than "LIQ-OIL;" or if "Construction Status" is "EXIST" and "Unit Fuel" is "LIQ-OIL" and "Pollutant-a" is "INDHAP."**

Hg-Input-c:
Enter "YES" if a heat input-based limit is used for mercury. Otherwise, enter "NO."

★ **Complete "Hg LEE Test" only if "Construction Status" is "EXIST" and "Unit Fuel" is "8300BTU"**

Hg LEE Test:
Select one of the following options that describes the Hg LEE Testing period. Enter the code on the form.

Code	Description
30	LEE Testing is conducted for 30 days
90	LEE Testing is conducted for 90 days

★ **Complete "HF-Input" only if "Construction Status" is "EXIST" and "Unit Fuel" is "LIQ-OIL."**

HF-Input:
Enter "YES" if a heat input-based limit is used for hydrogen fluoride. Otherwise, enter "NO."

★ **Complete "Scrubber/Bypass" only if "Unit Fuel" is "8300BTU," "LORANK," "IGCC" or "SO-OIL."**

Scrubber/Bypass:
Enter "YES" if the EGU is equipped with an acid gas scrubber and has a main stack and bypass stack exhaust configuration. Otherwise, enter "NO."

★ **Complete "PM-LEE" only for the following:**
- **"Unit Fuel" is "8300BTU," "LORANK," "IGCC" or "SO-OIL;" "Pollutant-a" is "PM" and "Scrubber/Bypass" is "NO;" or**
- **"Unit Fuel" is "LIQ-OIL" and "Pollutant-a" is "PM."**

PM-LEE:
Enter "YES" if the unit is qualifying as a low emitting EGU (LEE) for filterable PM. Otherwise, enter "NO."

Table 13f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete "TOTHAP-LEE" only for the following:**
- **"Unit Fuel" is "8300BTU," "LORANK," "IGCC" or "SO-OIL;" "Pollutant-a" is "TOTHAP" and "Scrubber/Bypass" is "NO;" or**
- **"Unit Fuel" is "CONT-OIL" and "Pollutant-a" is "TOTHAP."**

TOTHAP-LEE:
Enter "YES" if the unit is qualifying as a low emitting EGU (LEE) for total non-Hg HAP metals or total HAP metals. Otherwise, enter "NO."

★ **Complete LEE series below only for the following:**
- **Fuel" is "CONT-OIL" and "Pollutant-a" is "INDHAP."**

Sb-LEE:
Enter "YES" if the unit is qualifying as a low emitting EGU (LEE) for antimony. Otherwise, enter "NO."

As-LEE:
Enter "YES" if the unit is qualifying as a low emitting EGU (LEE) for arsenic. Otherwise, enter "NO."

Be-LEE:
Enter "YES" if the unit is qualifying as a low emitting EGU (LEE) for beryllium. Otherwise, enter "NO."

Cd-LEE:
Enter "YES" if the unit is qualifying as a low emitting EGU (LEE) for cadmium. Otherwise, enter "NO."

Cr-LEE:
Enter "YES" if the unit is qualifying as a low emitting EGU (LEE) for chromium. Otherwise, enter "NO."

Table 13g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Co-LEE:
Enter "YES" if the unit is qualifying as a low emitting EGU (LEE) for cobalt. Otherwise, enter "NO."

Pb- LEE:
Enter "YES" if the unit is qualifying as a low emitting EGU (LEE) for lead. Otherwise, enter "NO."

Mn-LEE:
Enter "YES" if the unit is qualifying as a low emitting EGU (LEE) for manganese. Otherwise, enter "NO."

Ni-LEE:
Enter "YES" if the unit is qualifying as a low emitting EGU (LEE) for nickel. Otherwise, enter "NO."

Se-LEE:
Enter "YES" if the unit is qualifying as a low emitting EGU (LEE) for selenium. Otherwise, enter "NO."

Hg-LEE-a:
Enter "YES" if the unit is qualifying as a low emitting EGU (LEE) for mercury. Otherwise, enter "NO." (Applicable only if "Construction Status" is "EXIST" and "Unit Fuel" is "LIQ-OIL.")

Table 13h: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete "HCl-LEE" only for the following:**
- **"Unit Fuel" is "8300BTU," "LORANK," "IGCC" or "SO-OIL;" "Pollutant-b" is "HCL" and "Scrubber/Bypass" is "NO;" or**
- **"Unit Fuel" is "LIQ-OIL" and "Pollutant-b" is "HCL."**

HCl-LEE:
Enter "YES" if the unit is qualifying as a low emitting EGU (LEE) for hydrogen chloride. Otherwise, enter "NO."

★ **Complete "SO_2-LEE" only for the following:**
- **"Unit Fuel" is "8300BTU," "LORANK," "IGCC" or "SO-OIL;" "Pollutant-b" is "SO_2" and "Scrubber/Bypass" is "NO;" or**
- **"Unit Fuel" is "LIQ-OIL" and "Pollutant-b" is "SO_2."**

SO_2-LEE:
Enter "YES" if the unit is qualifying as a low emitting EGU (LEE) for hydrogen chloride. Otherwise, enter "NO."

★ **Complete "Hg-LEE-c" only if "Unit Fuel" is "8300BTU," "LORANK," "IGCC" or "SO-OIL;" "Construction Status" is "EXIST";" and "Scrubber/Bypass" is "NO."**

Hg-LEE-c:
Enter "YES" if the unit is qualifying as a low emitting EGU (LEE) for mercury. Otherwise, enter "NO."

★ **Complete "HF-LEE" only if "Unit Fuel" is "LIQ-OIL" and "Construction Status" is "EXIST."**

HF-LEE:
Enter "YES" if the unit is qualifying as a low emitting EGU (LEE) for hydrogen fluoride. Otherwise, enter "NO."

▼ **Continue only if:**
- **"Construction Status" is "NEW" or "RECON;" or**
- **"Construction Status" is "EXIST" and at least one of the "-LEE" attributes is "NO" (i.e. one or more of the following: PM-LEE, TOTHAP-LEE, Sb-LEE, As-LEE, Be-LEE, Cd-LEE, Cr-LEE, Co-LEE, Pb-LEE, Mn-LEE, Ni-LEE, Se-LEE, Hg-LEE-a, HCl-LEE, SO_2-LEE, Hg-LEE-c and/or HF-LEE).**

Startup:
Enter "YES" if relying on paragraph (2) definition of "startup" in §63.10042. Otherwise enter "NO."

Table 13i: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Compliance Demo:
Select one of the following options that describes how compliance is demonstrated. Enter the code on the form.

Code	Description
CPMS	A CPMS is used to demonstrate compliance
CEMS	A CEMS (or sorbent trap) is used to demonstrate compliance
NONE	None of the above

★ **Do Not Complete "Stack Config" if "Compliance Demo" is "NONE."**

Stack Config:
Select one of the following options that describes the exhaust stack configuration. Enter the code on the form.

Code	Description
CONFIG-1	Single unit-single stack configuration
CONFIG-2	Unit utilizing common stack with other affected unit(s)
CONFIG-3	Unit(s) utilizing common stack with non-affected unit(s)
CONFIG-4	Unit with a main stack and a bypass stack
CONFIG-5	Unit with a common control device with multiple stack or duct configuration
CONFIG-6	Unit with multiple parallel control devices with multiple stacks

O_2-CO_2 CEMS:
Enter "YES" if an oxygen or carbon dioxide CEMS is used to convert measured pollutant concentrations. Otherwise, enter "NO."

Flow Monitor:
Enter "YES" if a stack gas flow rate monitor is used for routine operation of a sorbent trap monitoring system or to convert measured pollutant concentrations. Otherwise, enter "NO."

Gas Moisture:
Enter "YES" if you are required to make corrections for stack gas moisture when converting pollutants. Otherwise, enter "NO."

Direct HAP:
Enter "YES" if you use a CEMS or sorbent trap to measure a HAP directly. Otherwise, enter "NO."

Table 14a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDDD: Industrial, Commercial, and Institutional Boilers

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Commence:
Select one of the following construction date options for the source. Enter the code on the form.

Code	Description
NEW	Source is new (commenced construction after June 4, 2010)
RECON	Source is reconstructed (commenced reconstruction after June 4, 2010)
EXIST	Source is existing (commenced construction or reconstruction on or before June 4, 2010)

Table Applicability:
Select one of the following options that describes the applicability of emission limitations in §63.7500(a)(1)-Tables 1 or 2. Enter the code on the form.

Code	Description
SFF10	The unit burns coal/solid fossil fuel AND has heat input equal to or greater than 10 MMBtu/hr (subject to emission limits in Table 1 or 2)
BM10	The unit burns biomass/bio-based solid fuel AND has heat input equal to or greater than 10 MMBtu/hr (subject to emission limits in Table 1 or 2)
HLIQ10	The unit burns heavy liquid fuel AND has heat input equal to or greater than 10 MMBtu/hr (subject to emission limits in Table 1 or 2)
LLIQ10	The unit burns light liquid fuel AND has heat input equal to or greater than 10 MMBtu/hr (subject to emission limits in Table 1 or 2)
GAS210	The unit burns Gas 2 fuel AND has heat input equal to or greater than 10 MMBtu/hr (subject to emission limits in Table 1 or 2)
T3.1LTD	The unit qualifies as a limited use boiler or process heater as defined in §63.7575 (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.1)
T3.1TS	The unit is designed to utilize a continuous oxygen trim system (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.1)
T3.1G1	The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or less than 5 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.1)
T3.1G2	The unit is designed to burn Gas 2 fuel AND has heat input equal to or less than 5 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.1)
T3.1LL	The unit is designed to burn light liquid fuel AND has heat input equal to or less than 5 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.1)

T3.2G1	The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input less than 10 MMBtu/hr but greater than 5 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.2)
T3.2G2	The unit is designed to burn Gas 2 fuel AND has heat input less than 10 MMBtu/hr but greater than 5 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.2)
T3.2LL	The unit is designed to burn light liquid fuel AND has heat input less than 10 MMBtu/hr but greater than 5 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.2)
T3.2HL	The unit is designed to burn heavy liquid fuel AND has heat input less than 10 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.2)
T3.2S	The unit is designed to burn solid fuel AND has heat input less 10 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.2)
T3.3G1	The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or greater than 10 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.3)

▼ **Continue only if "Table Applicability" is "SFF10", "BM10", "HLIQ10", "LLIQ10", or "GAS210."**

HCl Emission:
Select one of the following hydrogen chloride emission limit options. Enter the code on the form.

Code	Description
BTU-HCL	Emission limits for HCl in pounds per MMBtu heat input
STM-HCL	Emission limits for HCl in pounds per MMBtu steam output (for steam generating units only)
MWH-HCL	Emission limits for HCl in pounds per MWh power output (for boilers that generate electricity only)

HCl-CMS:
Select one of the following hydrogen chloride continuous monitoring system (CMS) options. Enter the code on the form.

Code	Description
NONE	A CMS is not being used
HCL-CEMS	An HCl CEMS is used
SO2-CEMS	An SO_2 CEMS is used

Table 14b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDDD: Industrial, Commercial, and Institutional Boilers

★ **Complete this table only if "HCl-CMS" is "NONE."**

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

HCl-CD:
Select one of the following hydrogen chloride control device options. Enter the code on the form.

Code	Description
DS	Dry scrubber is being used
WAS	A wet acid scrubber is used
PWS-PH	A particulate wet scrubber with pH effluent operating limit
OTHER	Other control methods are being used
NONE	A control device is not used

HCl-Test:
Select one of the following hydrogen chloride performance test options. Enter the code on the form.

Code	Description
PT	Compliance is demonstrated by conducting a performance test for HCl
NPT	A performance test is not being used

HCl-FA:
Select one of the following hydrogen chloride fuel analysis options. Enter the code on the form.

Code	Description
FA	Compliance is demonstrated by conducting fuel analysis for HCl
NFA	Fuel analysis is not being used

HCl-FloMon:
Select one of the following hydrogen chloride flow monitoring system options. Enter the code on the form.

Code	Description
FMS	Operating limit requires a flow monitoring system for HCl
NFMS	Flow monitoring system is not required for HCl

HCl-pHMon:
Select one of the following hydrogen chloride pH monitoring system options. Enter the code on the form.

Code	Description
PHMON	Operating limit requires a pH monitoring system for HCl
NPH	A pH monitoring system is not required for HCl

Table 14c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDDD: Industrial, Commercial, and Institutional Boilers

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Hg Emission:
Select one of the following hydrogen chloride emission limit options. Enter the code on the form.

Code	Description
BTU-HG	Emission limits for Hg in pounds per MMBtu heat input
STM-HG	Emission limits for Hg in pounds per MMBtu steam output (for steam generating units only)
MWH-HG	Emission limits for Hg in pounds per MWh power output (for boilers that generate electricity only)

Hg-InjRate:
Enter "YES" if an operating limit requires a monitoring system to measure sorbent injection rate for Hg. Otherwise, enter "NO."

Hg-CMS:
Select one of the following mercury continuous monitoring system (CMS) options. Enter the code on the form.

Code	Description
NONE	A CMS is not being used
HG-CEMS	An Hg CEMS is used
HGCMS	A CMS other than an Hg CEMS is used

▼ **Continue on Table 14c only if "Hg-CMS" is "NONE". If "Hg-CMS" is HG-CEMS" or "HGCMS," skip to Table 14d.**

Hg-CD:
Select one of the following mercury control device options. Enter the code on the form.

Code	Description
DS	Dry scrubber is being used
WAS	A wet acid scrubber is used
ESP-WS	An electrostatic precipitator with a wet scrubber is used
ACI	Activated carbon injection is used
OTHER	Other control methods are being used
NONE	A control device is not used

Hg-Test:
Select one of the following Hg performance test options. Enter the code on the form.

Code	Description
PT	Compliance is demonstrated by conducting a performance test for Hg
NPT	A performance test is not being used

Hg-FA:
Select one of the following Hg fuel analysis options. Enter the code on the form.

Code	Description
HGFA	Compliance is demonstrated by conducting fuel analysis for Hg
NFA	Fuel analysis is not being used

Table 14d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDDD: Industrial, Commercial, and Institutional Boilers

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete "BM Subcategory" only if "Table Applicability" is "BM10."**

BM Subcategory:
Select one of the following options that describes subcategory of the boiler or process heater as listed in §63.7499. Enter the code on the form.

Code	Description
7499(I)	The unit is a stoker/sloped grate/other unit designed to burn wet biomass/bio-based solid
7499(D)	The unit is a stoker/sloped grate/other unit designed to burn kiln dried biomass/bio-based solid
7499(E)	The unit is a fluidized bed designed to burn biomass/bio-based solid
7499(F)	The unit is a suspension burner designed to burn biomass/bio-based solid
7499(J)	The unit is a Dutch oven/pile burner designed to burn biomass/bio-based solid
7499(G)	The unit is a fuel cell designed to burn biomass/bio-based solid
7499(H)	The unit is a hybrid suspension/grate burner designed to burn wet biomass/bio-based solid

PM/TSM Emission:
Select one of the following particulate matter or total selected metals emission limit options. Enter the code on the form.

Code	Description
BTU-PM	Emission limits for PM in pounds per MMBtu heat input
BTU-TSM	Emission limits for TSM in pounds per MMBtu heat input
STM-PM	Emission limits for PM in pounds per MMBtu steam output (for steam generating units only)
STM-TSM	Emission limits for TSM in pounds per MMBtu steam output (for steam generating units only)
MWH-PM	Emission limits for PM in pounds per MWh power output (for boilers that generate electricity only)
MWH-TSM	Emission limits for TSM in pounds per MWh power output (for boilers that generate electricity only)

▼ **Continue on Table 14d only if "PM/TSM-Emission" is "BTU-TSM", "STM-TSM", or "MWH-TSM." If "PM/TSM Emission" is "BTU-PM," "STM-PM," or "MWH-PM," skip to Table 14e.**

TSM-CMS:
Select one of the following continuous monitoring system (CMS) options. Enter the code on the form.

Code	Description
TSMCEMS	TSM CEMS is used
TSMCMS	TSM CMS other than a TSM CEMS is used
NONE	CMS is not being used

▼ **Continue on Table 14d only if "TSM-CMS" is "NONE". If "TSM-CMS" is "TSMCEMS" or "TSMCMS," skip to Table 14e.**

TSM-Test:
Select one of the following TSM performance test options. Enter the code on the form.

Code	Description
PT	Compliance is demonstrated by conducting a performance test for TSM
NPT	A performance test is not being used

TSM-FA:
Select one of the following TSM fuel analysis options. Enter the code on the form.

Code	Description
FA	Compliance is demonstrated by conducting fuel analysis for TSM
NFA	Fuel analysis is not being used

Table 14e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDDD: Industrial, Commercial, and Institutional Boilers

★ **Complete this table only if "PM/TSM Emission" is "BTU-PM," "STM-PM," or "MWH-PM."**

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete "PM-250" only if "Table Applicability" is "SFF10" or "HLL10"**

PM-250:
Select one of the following options for the average annual heat input. Enter the code on the form.

Code	Description
250+	Average annual heat input rate is greater than 250 MMBtu per hour from solid fossil fuel and/or heavy liquid fuel
250-	Average annual heat input rate is less than or equal to 250 MMBtu per hour from solid fossil fuel and/or heavy liquid fuel

PM-CMS:
Select one of the following continuous monitoring system (CMS) options. Enter the code on the form.

Code	Description
PMCEMS	PM CEMS is used
PMCMS	PM CMS other than a PM CEMS is used
PMCPMS	PM CPMS is used to monitor a PM control device
NONE	CMS is not being used. (not a valid entry if "PM-250" is "250+")

▼ **Continue on Table 14e only if "PM-CMS" is "NONE" or "PMCMS". If "PM-CMS" is "PMCEMS" or "PMCPMS," skip to Table 14f.**

PM-CD:
Select one of the following PM control device options. Enter the code on the form.

Code	Description
BLD	A Fabric Filter with a bag leak detection system is used
WS	A Wet Scrubber is used
ESP-WS	An Electrostatic Precipitator with a Wet Scrubber is used
OTHER	Other control methods are being used
NONE	A control device is not used

PM-Test:
Select one of the following PM performance test options. Enter the code on the form.

Code	Description
PT	Compliance is demonstrated by conducting a performance test for PM
NPT	A performance test is not being used

PM-FM:
Select one of the following flow monitoring options. Enter the code on the form.

Code	Description
FM	Operating limit requires the use of a flow monitoring system
NFM	A flow monitoring system is not required

PM-PMON:
Select one of the following pressure monitoring system options. Enter the code on the form.

Code	Description
PMON	Operating limit requires the use of a pressure monitoring system
NO	A pressure monitoring system is not required

Table 14f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDDD: Industrial, Commercial, and Institutional Boilers

★ **Complete this table only if "TSM-CMS" is "NONE" or "PM-CMS" is "PMCMS" or "NONE."**

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Opacity-CD:
Select one of the following control device options. Enter the code on the form.

Code	Description
BLD	A fabric filter with a bag leak detection system is used
FF	A fabric filter without a bag leak detection system is used
ESP-WS	An electrostatic precipitator with a wet scrubber is used
ESP	An electrostatic precipitator without a wet scrubber is used
DRY	A dry control system is used
OTHER	Other control methods are being used
NONE	A control device is not used

▼ **Continue on Table 14f only if "Opacity-CD" is "FF", "ESP", or "DRY." If "Opacity-CD" is "BLD," "ESP-WS," "OTHER," or "NONE," skip to Table 14g.**

COMS:
Select one of the following continuous opacity monitoring options. Enter the code on the form.

Code	Description
COMS	A continuous opacity monitoring system is used
NOCOMS	A continuous opacity monitoring system is not used

▼ **Continue on Table 14f only if "COMS" is "NOCOMS." If "COMS" is "COMS," skip to Table 14g.**

OPT-Test:
Select one of the following opacity performance test options. Enter the code on the form.

Code	Description
OPT	Compliance is demonstrated by conducting a performance test for opacity
NPTO	A performance test is not being used

Table 14g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDDD: Industrial, Commercial, and Institutional Boilers

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete "SFF Subcategory" only if "Table Applicability" is "SFF10."**

SFF Subcategory:
Select one of the following options that describes subcategory of the boiler or process heater as listed in §63.7499. Enter the code on the form.

Code	Description
7499(A)	The unit is a pulverized coal/solid fossil fuel unit
7499(B)	The unit is a stoker designed to burn coal/solid fossil fuel
7499(C)	The unit is a fluidized bed unit designed to burn coal/solid fossil fuel (without integrated heat exchanger)
7499(S)	The unit is a fluidized bed unit with an integrated fluidized bed heat exchanger designed to burn coal/solid fossil fuel
SUBNA	The unit is not part of the subcategories in §63.7499(a), (b), (c) or (s)

CO Emission:
Select one of the following CO emission limit options. Enter the code on the form.

Code	Description
PPM-CO	Emission limits for CO in ppm by volume not using a CEMS (valid code only if "Table Applicability" is "SFF10" or if "BM Subcategory" is "7499(I)", "7499(E)", "7499(F)", "7499(J)" or "7944(H)"
CEM-CO	Emission limits for CO in ppm by volume using a CEMS (valid code only if "Table Applicability" is "SFF10" or if "BM Subcategory" is "7499(I)", "7499(E), "7499(F)", "7499(J)", or "7944(H)"
PPM	Emission limits for CO in ppm by volume (valid code only if "Table Applicability" is "HLIQ10" or "LLIQ10", or "GAS2" or "BM Subcategory" is "7499(D)", or "7499(G)"
STM-CO	Emission limits for CO in pounds per MMBtu steam output (for steam generating units only).
MWH-CO	Emission limits for CO in pounds per MWh power output (for boilers that generate electricity only)

▼ **Continue only if "CO Emission" is "PPM-CO," "STM-CO," or "MWH-CO."**

CO-CMS:
Select one of the following continuous monitoring system (CMS) options. Enter the code on the form.

Code	Description
COCMS	CO CMS is used
NONE	CMS is not being used

CO-Test:
Select one of the following CO performance test options. Enter the code on the form.

Code	Description
PT	Compliance is demonstrated by conducting a performance test for CO
NPT	A performance test is not being used

Table 15a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart TTTT: Standards of Performance for Greenhouse Gas Emissions for Electric Utility Generating Units

★ **Do not complete this table for steam generating units or integrated gasification combined cycle (IGCC) facilities that have been constructed after January 8, 2014, or have been modified or reconstructed after June 18, 2014, that do not meet the applicability criteria listed in 40 CFR §60.5509(a)(1)-(2).**

★ **Do not complete this table for steam generating units or IGCC facilities that meet any of the conditions specified in 40 CFR §60.5509(b)(1)-(10).**

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Unit Type:
Select one of the following unit type options. Enter the code on the form.

Code	Description
STEAM	Steam generating unit
IGCC	Integrated gasification combined cycle facility

Construction/Modification Date:
Select one of the following options describing the date of commencement of the most recent construction, modification, or reconstruction. Enter the code on the form.

Code	Description
2014-	Constructed on or before January 8, 2014
2014+	Constructed after January 8, 2014
2014-M	Modified on or before June 18, 2014
2014+M	Modified after June 18, 2014
2014-R	Reconstructed on or before June 18, 2014
2014+R	Reconstructed after June 18, 2014

▼ **Do not continue if "Construction/Modification Date" is "2014-", "2014-M", or "2014-R."**

★ **Do not complete "Base Load Rating" if Unit Type is "STEAM" or "IGCC" and Construction/Modification Date is "2014+."**

Base Load Rating:
Select one of the following options describing the Base Load Rating. Enter the code on the form.

Code	Description
2100-	The unit has a base load rating of 2,100 GJ/h (2,000 MMBtu/h) or less
2100+	The unit has a base load rating greater than 2,100 GJ/h (2,000 MMBtu/h)

Commercial Operation Date:
Select one of the following options describing the date of commencement of commercial operation. Enter the code on the form.

Code	Description
2015-	The unit commenced commercial operation before October 23, 2015
2015+	The unit commenced commercial operation on or after October 23, 2015

★ **Complete "Emissions Reporting Date" only if "Commercial Operation Date" is "2015-."**

Emissions Reporting Date:
Select one of the following options describing when emissions reporting is required to begin. Enter the code on the form.

Code	Description
OCT2015-	The date on which emissions reporting was required to begin passed prior to October 23, 2015
OCT2015+	The date on which emissions reporting was required to begin was after October 23, 2015

Acid Rain Program:
Select one of the following options describing Acid Rain Program applicability. Enter the code on the form.

Code	Description
ARP	The unit is subject to the Acid Rain Program
NARP	The unit is not subject to the Acid Rain Program

Table 15b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart TTTT: Standards of Performance for Greenhouse Gas Emissions for Electric Utility Generating Units

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

CO_2 Capture:
Select one of the following options describing if the affected EGU captures CO_2. Enter the code on the form.

Code	Description
CAP	The EGU captures CO_2 to meet the applicable CO_2 emission limit
NOCAP	The EGU does not capture CO_2 to meet the applicable CO_2 emission limit

★ **Complete "CO_2 Transfer" only if "CO_2 Capture" is "CAP."**

CO_2 Transfer:
Select one of the following options describing if captured CO_2 is transferred. Enter the code on the form.

Code	Description
TRAN	The administrator has granted approval for the captured CO_2 from the affected EGU to be transferred to a facility reporting under 40 CFR Part 98, Subpart RR
NOTRAN	CO2 captured from the affected EGU is not transferred

Monitoring:
Select one of the following options describing emissions monitoring. Enter the code on the form.

Code	Description
CEMS	The affected EGU uses CO_2 Continuous Emissions Monitoring (CEMS)
NOCEMS	The affected EGU does not use CO_2 Continuous Emissions Monitoring (CEMS)

★ **Complete "Common Stack" only if "Monitoring" is "CEMS."**

Common Stack:
Select one of the following options describing if the EGUs share a common stack. Enter the code on the form.

Code	Description
C-STK	Two or more affected EGUs share a common exhaust stack, are subject to the same emissions standard, and are choosing to monitor emissions at the common stack
I-STK	Each affected EGU emits exhaust gases through individual stacks

★ **Complete "Multiple Stacks" only if "Monitoring" is "CEMS."**

Multiple Stacks:
Select one of the following describing if multiple stacks are used for exhaust gases. Enter the code on the form.

Code	Description
M-STK	The exhaust gases from the affected EGU are emitted to the atmosphere through multiple stacks, or the exhaust gases are routed to a common stack through multiple ducts and are electing to monitor in the ducts
S-STK	The exhaust gases are emitted through a single stack

Common Electric Generator:
Select one of the following options describing if a common electric generator is used. Enter the code on the form.

Code	Description
C-GEN	Two or more affected EGUs serve a common electric generator
I-GEN	Two or more affected EGUs have individual electric generators

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 1)
Federal Operating Permit Program
Table 1a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart D: Standards of Performance for Fossil Fuel-Fired Steam Generators
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
02/01/2x025	*O1378*	*RN100543115*

Unit ID No.	SOP Index No.	Construction/ Modification Date	Covered Under Subpart Da or KKKK	Changes to Existing Affected Facility	Heat Input Rate	Alternate 42C	PM CEMS	Opacity Monitoring	Gas/Liquid Fuel	Fuels with 0.33 % or Less Sulfur	Specific Site
PB01	*60D-01*	*71-*									
PB02	*60D-01*	*71-76*	*NO*	*NO*	*250+*	*NO*	*NO*	*OTHER*	*NO*	*NO*	*NO*
RB01	*60D-01*	*71-76*	*NO[1]*								
RB02	*60D-01*	*78+*	*NO[2]*								

[1]The No. 1 Recovery Furnace (RB01) maintains an annual fossil fuel capacity factor of less than or equal to 10%. Therefore, per an EPA Applicability Determination (issued on June 15, 1990 entitled "Applicability Clarification to Kraft Recovery Boilers"), the unit is not subject to the requirements of 40 CFR 60, Subpart D, since fossil fuel is not used for the purpose of producing steam but rather to allow efficient startup/shutdown when the boiler is fired with black liquor.

[2]The No. 2 Recovery Furnace (RB02) is greater than 250 MMBtu/hr and commenced construction, modification, or reconstruction after June 19, 1986 (i.e., is subject to 40 CFR 60, Subpart Db); therefore, per TCEQ Rule Interpretation of 60D.004, this boiler is not subject to 40 CFR 60, Subpart D. The Form OP-UA6 instructions indicate to not complete Tables 1a or 1b for this unit. However, its has been included here to document the reason the unit is not subject to 40 CFR 60, Subpart D.

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 2)
Federal Operating Permit Program
Table 1b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart D: Standards of Performance for Fossil Fuel-Fired Steam Generators
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
02/01/2024	*O1378*	*RN100543115*

Unit ID No.	SOP Index No.	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	Alternate 43D	Alternate 44F	Flue Gas Desulfurization	SO_2 Monitoring	Cyclone-Fired Unit	NO_X Monitoring Type
PB02	*60D-01A*	*WD*	*GFF*	*NFF*	*NONE*	*NO*	*YES*	*NONE*	*NO*	*NO*
PB02	*60D-01B*	*LFF*								
PB02	*60D-01C*	*NG*								

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 3)
Federal Operating Permit Program
Table 2a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Da: Standards of Performance for Electric Utility Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Construction/ Modification Date	Heat Input of Fossil Fuel	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	Changes to Existing Affected Facility	Percent (%) Coal Refuse	Combined Cycle Type	PM Commercial Demonstration Permit	PM Standard Basis

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 4)
Federal Operating Permit Program
Table 2b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Da: Standards of Performance for Electric Utility Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	NOx IGCC Standard	MACT Applicability	Unit Type	PM Monitoring Type	Opacity Monitoring Type	SO_2 Monitoring Type	NO_x Monitoring Type	SO_2 Commercial Demonstration Permit	SO_2 Emission Rate	FGD

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 5)
Federal Operating Permit Program
Table 2c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Da: Standards of Performance for Electric Utility Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	SO_2 Standard Basis	NOx Comm. Dem. Permit	Alt. Stds. for Comb. NOx and CO	NO_x Standard Basis	Duct Burner	PM Flow Monitoring System	SO_2 Flow Monitoring System	NO_X Flow Monitoring System

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 6)
Federal Operating Permit Program
Table 3a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Db: Standards of Performance for Industrial-Commercial Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
02/01/2024	*O1378*	*RN100543115*

Unit ID No.	SOP Index No.	Construction/Modification Date	Heat Input Capacity	Subpart Da	Changes to Existing Affected Facility	Subpart Ea, Eb, or AAAA	Subpart KKKK	Subpart Cb or BBBB
PB01	*60Db01*	*84-*						
PB02	*60Db01*	*84-*						
RB01	*60Db01*	*84-*						
RB02	*60Db01*	*86-97*	*250+*	*NO*	*NO*	*NO*	*NO*	*NO*

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 7)
Federal Operating Permit Program
Table 3b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Db: Standards of Performance for Industrial-Commercial Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
02/01/2024	*O1378*	*RN100543115*

Unit ID No.	SOP Index No.	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	Subpart D	Subpart J	Subpart E	ACF Option SO_2	ACF Option PM	ACF Option NO_X
RB02	*60Db-01*	*BPW*	*NG*			*NO*	*NO*	*OTHR*	*OTHR*	*F10-MLT*

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 8)
Federal Operating Permit Program
Table 3c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Db: Standards of Performance for Industrial-Commercial Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
02/01/2024	*O1378*	*RN100543115*

Unit ID No.	SOP Index No.	60.42b (k)(2) Low Sulfur Exemption	60.42b (k)(4) Alternative	Post-Combustion Control	60.43b(h)(2) Alternative	Electrical or Mechanical Output	Output Based Limit	Steam with Electricity	Electricity Only	60.49 Da(n) Alternative	60.49 Da(m) Alternative
RB02	*60Db-01*									*NO*	*NO*

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 9)
Federal Operating Permit Program
Table 3d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Db: Standards of Performance for Industrial-Commercial Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
02/01/2024	*O1378*	*RN100543115*

Unit ID No.	SOP Index No.	Residual Oil Sampling	Monitoring Type PM	Monitoring Type Opacity	Monitoring Type NO_X	Monitoring Type SO_2	Technology Type	Unit Type	Heat Release Rate	Heat Input Gas/Oil	Heat Input Wood	Fuel Heat Input
RB02	*60Db-01*		*NONE*	*NONE*	*NONE*	*NONE*	*NONE*	*OTHER*	*NGLOW*			

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 10)
Federal Operating Permit Program
Table 3e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Db: Standards of Performance for Industrial-Commercial Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
02/01/2024	*O1378*	*RN100543115*

Unit ID No.	SOP Index No.	Alternate Emission Limit (AEL)	AEL ID. NO.	Facility Type	Monitoring Device	Common Fuel Source
RB02	*60Db-01*	*NO*				

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 11)
Federal Operating Permit Program
Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Dc: Standards of Performance for Industrial-Commercial Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
02/01/2024	*O1378*	*RN100543115*

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_2	ACF Option PM	30% Coal Duct Burner
PB01	*60Dc-01*	*89-*									
PB02	*60Dc-01*	*89-*									
RB01	*60Dc-01*	*89-*									
RB02	*60Dc-01*	*89-05*	*100+*								

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.

Unit ID No.	SOP Index No.	Monitoring Type PM	Monitoring Type SO_2 Inlet	Monitoring Type SO_2 Outlet	Technology Type	43CE-Option	47C-Option

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 13)
Federal Operating Permit Program
Table 5a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)
Subpart B: Combustion Control at Major Industrial, Commercial and Institutional Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Unit Type	MRC	RACT Date Placed in Service	Functionally Identical Replacement	Fuel Type	Fuel Type	Fuel Type	Annual Heat Input

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 14)
Federal Operating Permit Program
Table 5b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)
Subpart B: Combustion Control at Major Industrial, Commercial and Institutional Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	NO_X Emission Limitation	Opt-In Unit	23C-Option	Title 30 TAC Chapter 116 Permit Limit	EGF System Cap Unit	NO_X Emission Limit Average	NO_X Reduction	Common Stack Combined

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 15)
Federal Operating Permit Program
Table 5c: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)
Subpart B: Combustion Control at Major Industrial, Commercial and Institutional Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Fuel Type Heat Input	NO_X Monitoring System	Fuel Flow Monitoring	CO Emission Limitation	CO Monitoring System	NH_3 Emission Limitation	NH_3 Emission Monitoring

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 16)
Federal Operating Permit Program
Table 6a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)
Subpart C: Combustion Control at Major Utility Electric Generation
Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Date Placed in Service	Functionally Identical Replacement	Annual Heat Input	Service Type	Fuel Type	Fuel Type	Fuel Type	RACT NOx Emission Limitation	ESAD NOx Emission Limitation	EGF

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 17)
Federal Operating Permit Program
Table 6b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)
Subpart C: Combustion Control at Major Utility Electric Generation Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Fuel Firing Option	ESAD NO_x DFW 8-Hour	NO_x Monitoring System	Title 30 TAC Chapter 116 Permit Limit	CO Emission Limitation	CO Monitoring System	Ammonia Use	NH_3 Emission Limitation	NH_3 Monitoring System

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 18)
Federal Operating Permit Program
Table 7: Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 112)
Control of Air Pollution from Sulfur Compounds
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
02/01/2024	*O1378*	*RN100543115*

Unit ID No.	SOP Index No.	Fuel Type	Date of Operation	Heat Input	Control Equipment	FCAA § 412(c)	Stack Height
PB01	*REG2-01*	*LQD*		*250+*	*NONE*		*NO*
PB02	*REG2-01*	*LQD*		*250+*	*SO_2*	*NO*	*NO*
LK01[1]	*REG2-01*	*LQD*		*250L-*			*NO*
LK02[1]	*REG2-01*	*LQD*		*250L-*			*YES*

[1]*Although this unit attribute form is specific to boilers and steam generating units, LK01 and LK02 have been included to document 30 TAC 112.9 applicability.*

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 19)
Federal Operating Permit Program
Table 8a: Title 30 Texas Administrative Code Chapter 113 (30 TAC Chapter 113)
Subchapter D: Hospital/Medical/Infections Waste Incinerators
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Construction Date	Combustor Type	Type of Waste	Co-Fired Combustor	HMIWI Size	Control Device	PM CEMS	Opacity Monitoring	Approved Equivalent ID No.

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 20)
Federal Operating Permit Program
Table 8b: Title 30 Texas Administrative Code Chapter 113 (30 TAC Chapter 113)
Subchapter D: Hospital/Medical/Infections Waste Incinerators
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Commercial Unit	CO Monitoring	Approved Equivalent ID No.	Dioxins/ Furans CEMS	Toxic Equivalent Method	HCL CEMS	HCL Percentage Reduction Method

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 21)
Federal Operating Permit Program
Table 8c: Title 30 Texas Administrative Code Chapter 113 (30 TAC Chapter 113)
Subchapter D: Hospital/Medical/Infections Waste Incinerators
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Pb CEMS	Pb % Reduction Method	Cd CEMS	Cd % Reduction Method	Hg CEMS	Hg % Reduction Method

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 22)
Federal Operating Permit Program
Table 9a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)
Subchapter E: Division 1: Utility Electric Generation in East and Central Texas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Date Placed in Service	Unit Exempt	Location	Capacity	30% of the Maximum	Firing Method

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 23)
Federal Operating Permit Program
Table 9b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)
Subchapter E: Division 1: Utility Electric Generation in East and Central Texas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	NO_x Emission Limitation	Fuel	NO_x Monitoring	Maximum Emission Rate	Ammonia Use	NH_3 Emission Limitation	Ammonia Monitoring

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 24)
Federal Operating Permit Program
Table 10a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart EEE: Hazardous Waste Combustors
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Type Fuel	Existing Source	Area Source	Elective Standards	Dioxin/Furan Standard	Heating Value	Hg Feedrate

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 25)
Federal Operating Permit Program
Table 10b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart EEE: Hazardous Waste Combustors
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Alt Metals	Met Feedrate	CO/THC Standard	Baghouse	PM Detection	Dioxin-Listed	DRE Previous Test	Feed Zone

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 26)
Federal Operating Permit Program
Table 11: Title 30 Texas Administrative Code Chapter 111 (TAC Chapter 111)
Subchapter A: Division 2: Incineration
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Hazardous Waste	Monitor

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 27)
Federal Operating Permit Program
Table 12: Title 30 Texas Administrative Code Chapter 111 (TAC Chapter 111)
Subchapter A: Division 5: Emission Limits on Nonagricultural Processes
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Source Type

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 28)
Federal Operating Permit Program
Table 13a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	§63.9983(a)	§63.9983(b)	§63.9983(c)	§63.9983(d)	Limited-use Liquid	Construction Status

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 29)
Federal Operating Permit Program
Table 13b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Start-Up	Unit Fuel	Pollutant-a	Syngas	PM-Input	TOTHAP-Input

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 30)
Federal Operating Permit Program
Table 13c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Sb-Input	As-Input	Be-Input	Cd-Input	Cr-Input	Co-Input

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 31)
Federal Operating Permit Program
Table 13d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Pb-Input	Mn-Input	Ni-Input	Se-Input	Hg-Input-a	Pollutant-b

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 32)
Federal Operating Permit Program
Table 13e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	HCl-Input	SO_2-Input	Hg-Input-c	Hg-LEE Test	HF-Input	Scrubber/Bypass	PM-LEE

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 33)
Federal Operating Permit Program
Table 13f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	TOTHAP-LEE	Sb-LEE	As-LEE	Be-LEE	Cd-LEE	Cr-LEE

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 34)
Federal Operating Permit Program
Table 13g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Co-LEE	Pb-LEE	Mn-LEE	Ni-LEE	Se-LEE	Hg-LEE-a

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 35)
Federal Operating Permit Program
Table 13h: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	HCl-LEE	SO_2-LEE	Hg-LEE-c	HF-LEE	Startup

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 36)
Federal Operating Permit Program
Table 13i: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Compliance Demo	Stack Config	O_2-CO_2 CEMS	Flow Monitor	Gas Moisture	Direct HAP

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 37)
Federal Operating Permit Program
Table 14a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DDDDD: Industrial, Commercial, and Institutional Boilers
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
02/01/2025	*O1378*	*RN100543115*

Unit ID No.	SOP/GOP Index No.	Commence	Table Applicability	HCl Emission	HCl-CMS
PB01	*60DDDDD-01*	*EXIST*	*T3.3G1*		
PB02	*60DDDDD-01*	*EXIST*	*BM10*	*BTU-HCL*	*NONE*

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 38)
Federal Operating Permit Program
Table 14b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DDDDD: Industrial, Commercial, and Institutional Boilers
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
02/01/2025	*O1378*	*RN100543115*

Unit ID No.	SOP/GOP Index No.	HCl-CD	HCl-Test	HCl-FA	HCl-FloMon	HCl-pHMon
PB02	*60DDDDD-01*	*WAS*	*NPT*	*PA*	*NFMS*	*NPH*

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 39)
Federal Operating Permit Program
Table 14c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DDDDD: Industrial, Commercial, and Institutional Boilers
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
02/01/2025	*O1378*	*RN100543115*

Unit ID No.	SOP/GOP Index No.	Hg Emission	Hg-InjRate	Hg-CMS	Hg-CD	Hg-Test	Hg-FA
PB02	*60DDDDD-01*	*BTU-HG*	*NO*	*NONE*	*WAS*	*NPT*	*HGFA*

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 40)
Federal Operating Permit Program
Table 14d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DDDDD: Industrial, Commercial, and Institutional Boilers
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
02/01/2025	*O1378*	*RN100543115*

Unit ID No.	SOP/GOP Index No.	BM Subcategory	PM/TSM Emission	TSM-CMS	TSM-Test	TSM-FA
PB02	*60DDDDD-01*	*7499(H)*	*BTU-PM*			

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 41)
Federal Operating Permit Program
Table 14e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DDDDD: Industrial, Commercial, and Institutional Boilers
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
02/01/2025	*O1378*	*RN100543115*

Unit ID No.	SOP/GOP Index No.	PM-250	PM-CMS	PM-CD	PM-Test	PM-FM	PM-PMON
PB02	*60DDDDD-01*		*NONE*	*WS*	*PT*	*NFM*	*PMON*

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 42)
Federal Operating Permit Program
Table 14f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DDDDD: Industrial, Commercial, and Institutional Boilers
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
02/01/2025	*O1378*	*RN100543115*

Unit ID No.	SOP/GOP Index No.	Opacity-CD	COMS	OPT-Test
PB02	*60DDDDD-01*	*OTHER*		

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 43)
Federal Operating Permit Program
Table 14g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DDDDD: Industrial, Commercial, and Institutional Boilers
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
02/01/2025	*O1378*	*RN100543115*

Unit ID No.	SOP/GOP Index No.	SFF Subcategory	CO Emission	CO-CMS	CO-Test
PB02	*60DDDDD-01*		*PPM-CO*	*NONE*	*PT*

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 44)
Federal Operating Permit Program
Table 15a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart TTTT: Standards of Performance for Greenhouse Gas Emissions for Electric Utility Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Unit Type	Construction/Modification Date	Base Load Rating	Commercial Operation Date	Emissions Reporting Date	Acid Rain Program

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 45)
Federal Operating Permit Program
Table 15b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart TTTT: Standards of Performance for Greenhouse Gas Emissions for Electric Utility Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	CO_2 Capture	CO_2 Transfer	Monitoring	Common Stack	Multiple Stacks	Common Electric Generator

Municipal Solid Waste Landfill/Waste Disposal Site Attributes
Form OP-UA44 (Page 3)
Federal Operating Permit Program
Table 3: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subchapter M: National Emission Standard for Asbestos
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
02/2025	*O1378*	*RN100543115*

Unit ID No.	SOP/GOP Index No.	Waste Disposal Site	Alternative Control Method	ACM ID No.	Emission Compliance
LF-FUG	*61M-01*	*ACTIV*	*No*		*15+B*

Loading/Unloading Operations Attributes
Form OP-UA4 (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
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.
02/01/2025	*O1378*	*RN100543115*

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
DIESELLOAD	*R5211-01*	*OTHER*	*NONE*		*VOC3*	*BOTH*			
MVFD	*R5211-01*	*MOTOR*							
TURPLD	*R5211-01*	*OTHER*	*NONE*		*VOC3*	*BOTH*			

Texas Commission on Environmental Quality
Incinerator Attributes
Form OP-UA35 (Page 7)
Federal Operating Permit Program

Table 6: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart E: National Emission Standard for Mercury

Date:	***02/2025***
Permit No.:	***O1378***
Regulated Entity No.:	***RN100543115***

Unit ID No.	SOP Index No.	Emission Testing Waiver	Waiver ID No.	Sludge Sampling	Mercury Emissions
PB02	***61E-01***	***NO***		***YES***	***NO***

Texas Commission on Environmental Quality
Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mill Attributes
Form OP-UA30 (Page 1)
Federal Operating Permit Program

Table 1a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60) Subpart BB: Standards of Performance for Kraft Pulp Mills

Date: *02/01/2025*	**Permit No.:** *O1378*	**Regulated Entity No.:** *RN100543115*
Area Name: *Texarkana Mill*		**Customer Reference No.:** *CN601710460*

Unit ID No.	SOP Index No.	Facility Type	Construction/ Modification Date	Kraft Pulping Combination	Material Origin	Scrubber	Control Device ID No.	Fuel Type
DIG-16	*60BB-01*	*DIG*	*76+*	*NO*				
DIG-16	*60BB-02*	*DIG*	*76+*	*NO*				
RB01	*60BB-01*	*SKRFUR*	*76+*	*NO*				
RB02	*60BB-01*	*SKRFUR*	*76+*	*NO*				
SM01	*60BB-01*	*SDTNK*	*76-*					
SM02	*60BB-01*	*SDTNK*	*76+*	*NO*		*YES*		
LK01	*60BB-01*	*LKILN*	*76-*					
LK02	*60BB-01*	*LKILN*	*76-*					
GRP-DIGEST	*60BB-01*	*DIG*	*76-*					
GRP-BSW	*60BB-01*	*BSW*	*76-*					

Texas Commission on Environmental Quality
Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mill Attributes
Form OP-UA30 (Page 1)
Federal Operating Permit Program

Table 1a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart BB: Standards of Performance for Kraft Pulp Mills

Date: *02/01/2025*	**Permit No.:** *O1378*	**Regulated Entity No.:** *RN100543115*
Area Name: *Texarkana Mill*		**Customer Reference No.:** *CN601710460*

Unit ID No.	SOP Index No.	Facility Type	Construction/ Modification Date	Kraft Pulping Combination	Material Origin	Scrubber	Control Device ID No.	Fuel Type
GRP-MEES	*60BB-01*	*MEES*	*76-*					
GRP-CONC	*60BB-01*	*MEES*	*76+*	*NO*				
GRP-CONC	*60BB-02*	*MEES*	*76+*	*NO*				

Texas Commission on Environmental Quality
Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mill Attributes
Form OP-UA30 (Page 2)
Federal Operating Permit Program

Table 1b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60) Subpart BB: Standards of Performance for Kraft Pulp Mills

Date: *02/01/2025*	**Permit No.:** *O1378*	**Regulated Entity No.:** *RN100543115*
Area Name: *Texarkana Mill*		**Customer Reference No.:** *CN601710460*

Unit ID No.	SOP Index No.	Gas Control Technique	Control Device ID No.	Minimum Temperature	Feasibility	Uncontrolled Gas
DIG-16	*60BB-01*	*INC/CMB*	*NCG01*	*YES*		
DIG-16	*60BB-02*	*INC/CMB*	*PB02*	*YES*		
GRP-CONC	*60BB-01*	*INC/CMB*	*NCG01*	*YES*		
GRP-CONC	*60BB-02*	*INC/CMB*	*PB02*	*YES*		

Texas Commission on Environmental Quality
Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mill Attributes
Form OP-UA30 (Page 3)
Federal Operating Permit Program

Table 2: Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 112) Control of Total Reduced Sulfur

Date: *02/01/2025*	**Permit No.:** *O1378*	**Regulated Entity No.:** *RN100543115*
Area Name: *Texarkana Mill*		**Customer Reference No.:** *CN601710460*

Unit ID No.	SOP Index No.	Facility Type	Alternate Emission Limitation	AEL ID No.
SM01	*REG2-01*	*SDTNK*	*NO*	
LK01	*REG2-01*	*LKILN*	*NO*	
LK02	*REG2-01*	*LKILN*	*NO*	
GRP-DIGEST	*REG2-01*	*DIG*	*NO*	
GRP-MEES	*REG2-01*	*MEES*	*NO*	

Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mill Attributes
Form OP-UA30 (Page 4)
Federal Operating Permit Program

Table 3a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart MM: National Emission Standards for Hazardous Air Pollutants for Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mills

Date: *02/01/2025*	**Permit No.:** *O1378*	**Regulated Entity No.:** *RN100543115*
Area Name: *Texarkana Mill*		**Customer Reference No.:** *CN601710460*

Unit ID No.	SOP Index No.	Source Type	New or Existing Source	Kraft or Soda Source Alternative	Subject to 40 CFR § 60.282
RB01	*63MM-01*	*NDCE*	*EX*	*YES*	*YES*
RB01	*63MM-02*	*NDCE*	*EX*	*YES*	*YES*
RB02	*63MM-01*	*NDCE*	*EX*	*YES*	*YES*
RB02	*63MM-02*	*NDCE*	*EX*	*YES*	*YES*
LK01	*63MM-01*	*LKILN*	*EX*	*YES*	*NO*
LK01	*63MM-02*	*LKILN*	*EX*	*YES*	*NO*
LK02	*63MM-01*	*LKILN*	*EX*	*YES*	*NO*
LK02	*63MM-02*	*LKILN*	*EX*	*YES*	*NO*
SM01	*63MM-01*	*SDTNK*	*EX*	*YES*	*NO*
SM01	*63MM-02*	*SDTNK*	*EX*	*YES*	*NO*
SM02	*63MM-01*	*SDTNK*	*EX*	*YES*	*YES*
SM02	*63MM-02*	*SDTNK*	*EX*	*YES*	*YES*

Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mill Attributes
Form OP-UA30 (Page 5)
Federal Operating Permit Program

Table 3b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart MM: National Emission Standards for Hazardous Air Pollutants for Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mills

Date: *02/01/2025*	**Permit No.:** *O1378*	**Regulated Entity No.:** *RN100543115*
Area Name: *Texarkana Mill*		**Customer Reference No.:** *CN601710460*

Unit ID No.	SOP Index No.	Control System	Control Device ID No.	Alternative Operating Parameter	Alternative ID No.	Subject to 40 CFR Part 63, Subpart S
RB01	*63MM-01*	*ESP*	*EP-IN, EP-IS*	*NO*		*NO*
RB01	*63MM-02*	*ESP*	*EP-IN, EP-IS*	*NO*		*NO*
RB02	*63MM-01*	*ESP*	*351013, 351014*	*NO*		*NO*
RB02	*63MM-02*	*ESP*	*351013, 351014*	*NO*		*NO*
LK01	*63MM-01*	*SCRUB*	*VS-2*	*NO*		*NO*
LK01	*63MM-02*	*SCRUB*	*VS-2*	*NO*		*NO*
LK02	*63MM-01*	*SCRUB*	*263009*	*NO*		*NO*
LK02	*63MM-02*	*SCRUB*	*263009*	*NO*		*NO*
SM01	*63MM-01*	*SCRUB*	*SM01*	*YES*	*06/04/2003*	*NO*
SM01	*63MM-02*	*SCRUB*	*SM01*	*YES*	*06/04/2003*	*NO*
SM02	*63MM-01*	*SCRUB*	*401015*	*YES*	*06/04/2003*	*NO*
SM02	*63MM-02*	*SCRUB*	*401015*	*YES*	*06/04/2003*	*NO*

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 1)
Federal Operating Permit Program
Table 1: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart K: Standards of Performance for Storage Vessels for Petroleum Liquids
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
02/01/2025	*O1378*	*RN100543115*

Unit ID No.	SOP/GOP Index No.	Construction/ Modification Date	Storage Capacity	Product Stored	True Vapor Pressure	Storage Vessel Description	Reid Vapor Pressure	Maximum TVP	Estimated TVP	Control Device ID No.
SST02	*60K-01*	*74-78*	*65K+*	*OTHER1*						

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.
02/01/2025	*O1378*	*RN100543115*

	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.
	GRP-SMTANK	*60Kb-01*	*PTLQ-3*	*10K-*							
	BP0351	*60Kb-01*	*VOL*	*10K-20K*							
✓	*FOT*	*60Kb-01*	*VOL*	*40K+*	*NONE*	*0.5-*					
	SST01	*60Kb-01*	*VOL*	*40K+*	*NONE*	*0.5-*					
	TURP01	*60Kb-01*	*VOL*	*20K-40K*	*NONE*	*0.5-*					
✓	*SVPTANK*	*60Kb-01*	*OTHER3*								
✓	*BP0368*	*60Kb-01*	*OTHER3*								

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.
02/01/2025	*O1378*	*RN100543115*

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
LKENG1	*63ZZZZ-01*	*MAJOR*	*100-*	*02-*	*NO*	*NORMAL*	*CI*
LKENG2	*63ZZZZ-01*	*MAJOR*	*100-*	*02-*	*NO*	*NORMAL*	*CI*
FIREPMPNO	*63ZZZZ-01*	*MAJOR*	*250-300*	*06+*	*NO*	*EMER-A*	*CI*
FIREPMP4	*63ZZZZ-01*	*MAJOR*	*250-300*	*06+*	*NO*	*EMER-A*	*CI*
WPEMENG	*63ZZZZ-01*	*MAJOR*	*100-250*	*06+*	*NO*	*EMER-A*	*CI*

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.
02/01/2025	*O1378*	*RN100543115*

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
LKENG1	*60IIII-01*	*2005-*	*NONE*	*NON*	*RECON*	*0406-*
LKENG2	*60IIII-01*	*2005-*	*NONE*	*NON*	*RECON*	*0406-*
FIREPMPNO	*60IIII-01*	*2005+*	*NONE*	*FIRE*	*RECON*	*0706+*
FIREPMP4	*60IIII-01*	*2005+*	*NONE*	*FIRE*	*RECON*	*0706+*
WPEMENG	*60IIII-01*	*2005+*	*NONE*	*EMERG*	*RECON*	*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.
02/01/2025	*O1378*	*RN100543115*

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
FIREPMPNO	***60IIII-01***	***DIESEL***		***10-***		***2013***	
FIREPMP4	***60IIII-01***	***DIESEL***		***10-***		***2013***	

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.
02/01/2025	*O1378*	*RN100543115*

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
FIREPMPNO	***60IIII-01***	***F130-368***			NO	***MANU YES***		
FIREPMP4	***60IIII-01***	***F130-368***			NO	***MANU YES***		

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.
02/01/2025	*O1378*	*RN100543115*

Emission Point ID No.	SOP/GOP Index No.	Alternate Opacity Limitation	AOL ID No.	Vent Source	Opacity Monitoring System	Construction Date	Effluent Flow Rate
BP14	*R1111-01*	*NO*		*OTHER*	*NONE*	*72+*	*100-*
BP15	*R1111-01*	*NO*		*OTHER*	*NONE*	*72+*	*100-*
NC *BP16*	*R1111-01*	*NO*		*OTHER*	*NONE*	*72+*	*100-*
CTRW-1	*R1111-01*	*NO*		*OTHER*	*NONE*	*72-*	*100-*
EX7LAM1	*R1111-01*	*NO*		*OTHER*	*NONE*	*72-*	*100-*
LK01	*R1111-01*	*NO*		*OIL[4]*	*NONE*	*72-*	*100-*
LK02	*R1111-01*	*NO*		*OIL[4]*	*NONE*	*72+*	*100-*
PB01	*R1111-01*	*NO*		*OIL[5]*	*OPMON*	*72-*	*100+*
PB02	*R1111-01*	*NO*		*OIL[6]*	*EDEX*	*72+*	*100+*

[4]LK01 and LK02 fire either fuel oil or natural gas.
[5]PB01 is capable of firing 100% natural gas or natural gas and oil combined (i.e., not 100% oil).
[6]PB02 is a combination fuel-fired unit and fires wood and other solid fuels, oil, and natural gas.

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.
02/01/2025	*O1378*	*RN100543115*

RB01A	*R1111-01*	*NO*		*OTHER*	*OPMON*	*72-*	*100+*
RB01B	*R1111-01*	*NO*		*OTHER*	*OPMON*	*72-*	*100+*
RB02A	*R1111-01*	*NO*		*OTHER*	*OPMON*	*72+*	*100+*
RB02B	*R1111-01*	*NO*		*OTHER*	*OPMON*	*72+*	*100+*
SM01	*R1111-01*	*NO*		*OTHER*	*NONE*	*72+*	*100-*
SM02	*R1111-01*	*NO*		*OTHER*	*NONE*	*72+*	*100-*
TNK0115	*R1111-01*	*NO*		*OTHER*	*NONE*	*72-*	*100-*
TNK0116	*R1111-01*	*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.
02/01/2025	*O1378*	*RN100543115*

Emission Point ID No.	SOP Index No.	Annual ACF	Heat Input	State Implementation Plan (SIP) Violation	Total Feed Capacity
LK01	*R1111-01*			*YES*[7]	
LK02	*R1111-01*			*YES*[7]	
PB01	*R1111-01*			*YES*[7]	
PB02	*R1111-01*			*YES*[7]	

[7] ***Attribute information is based on whether or not a source is able to comply with the applicable PM and opacity regulations without the use of PM collection equipment. However, the applicant and TCEQ are unsure if the source "has been found to be in violation of any visible emission standard in the SIP."***

Texas Commission on Environmental Quality
Miscellaneous Unit Attributes
Form OP-UA1 (Page 1)
Federal Operating Permit Program

Date:	***02/2025***
Permit No.:	***O1378***
Regulated Entity No.:	***RN100543115***

Unit ID No.	SOP/GOP Index No.	Unit Type	Date Constructed/Placed in Service	Functionally Identical Replacement	Maximum Rated Capacity	Technical Information and Unit Description
IRDRY1	***R1111***	***PRO***	***3/5/2021***			***The machine produces 65,000 tons per year of solid unbleached sulfate paperboard. Curtain coaters and IR dryers that are used to apply coating onto the paperboard.***
IRDRY2	***R1111***	***PRO***	***3/5/2021***			***The machine produces 65,000 tons per year of solid unbleached sulfate paperboard. Curtain coaters and IR dryers that are used to apply coating onto the paperboard.***

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.
02/01/2025	*O1378*	*RN100543115*

	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*	*3*	**SVPTANK**	**OP-UA3**	***SVPTANK / Single-Vessell Process Tank / Installation of a new dump tank for the single-vessel process (SVP) chlorine dioxide generator.***		***106.472/10/27/2023***	
✓	*A*	*4*	**SPG**	**OP-REQ2**	***SPG / Shock Pulse Generators / Two new shock pulse generators installed on PB01 to reduce energy usage.***		***106.183/08/22/2024***	
✓	*A*	*5*	**WPEMERGEN**	**OP-UA2**	***WPEMERGEN / Emergency Water Treatment Plant Engine PBR.***		***106.511/04/04/2024***	
✓	*A*	*9*	**BP0368**	**OP-UA3**	***BP0368 / Hydrogen Peroxide Tank / New Hydrogen Perox Tank was installed with the associated piping to convey the H2O2 to the foul condensate line.***		***106.262/03/17/2022 [86706, 164224, 168914]***	

Graphic Packaging INTERNATIONAL Texarkana Mill
9978 FM ROAD 3129 • QUEEN CITY, TEXAS 75572

November 21, 2022

Texas Commission on Environmental Quality
Air Permits Division – MC-161
12100 Park 35 Circle, Building C
Austin, TX 78753

Subject: OP-CRO2 Change of Responsible Official Information

Please find the attached Form OP-CRO2 which specifies the change of responsible official at the Graphic Packaging International, LLC – Texarkana Mill.

Should you have any questions, please contact J.T. Fussell at (903) 799-1197.

Sincerely,

J.T. Fussell
Environmental Engineer

Attachment:
- Form OP-CRO2

Document submitted by FedEx – Air Permits Division

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.*

I. Identifying Information					
Account No.:	CG-0010-G	RN:	100543115	CN:	601710460
Permit No.:	O1378	Area Name: Texarkana Mill			
Company Name:		Graphic Packaging International, LLC			
II. Change Type					
Action Type:		☒ New Appointment		☐ Administrative Information Change	
Contact Type *(only one response can be accepted per form)*:					
☒ Responsible Official		☐ Designated Representative		☐ Alternate Designated Representative	
III. Responsible Official/Designated Representative/Alternate Designated Representative Information					
Conventional Title: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)					
Name: Steve J. Smith					
Title: Resident Mill Manager		Appointment Effective Date: 11/01/2022			
Telephone No.: 903.796.1401		Fax No.:			
Company Name: Graphic Packaging International, LLC					
Mailing Address: 9978 FM 3129					
City: Queen City		State: TX		ZIP Code: 75572	
E-mail Address: Steve.J.Smith@graphicpkg.com					
IV. Certification of Truth, Accuracy, and Completeness					

This certification does not extend to information, which is designated by the TCEQ as information for reference only.

I, Steve J. Smith, certify that, based on information

(Name printed or typed)

and belief formed after Reasonable inquiry, the statements and information stated above are true, accurate, and complete.

Signature: Steve J. Smith Signature Date: 11/17/22

FedEx

December 02, 2022

Dear Customer,

The following is the proof-of-delivery for tracking number: 589884417569

Delivery Information:

Status:	Delivered	**Delivered To:**	Shipping/Receiving
Signed for by:	A.JENKINS	**Delivery Location:**	12100 N INTERSTATE 35
Service type:	FedEx Priority Overnight		
Special Handling:	Deliver Weekday		AUSTIN, TX, 78753
		Delivery date:	Nov 22, 2022 09:31

Shipping Information:

Tracking number:	589884417569	**Ship Date:**	Nov 21, 2022
		Weight:	0.5 LB/0.23 KG

Recipient:
AIR PERMITS DIVISION MC-161, TCEQ
12100 PARK 35 CIRCLE
BUILDING C
AUSTIN, TX, US, 78753

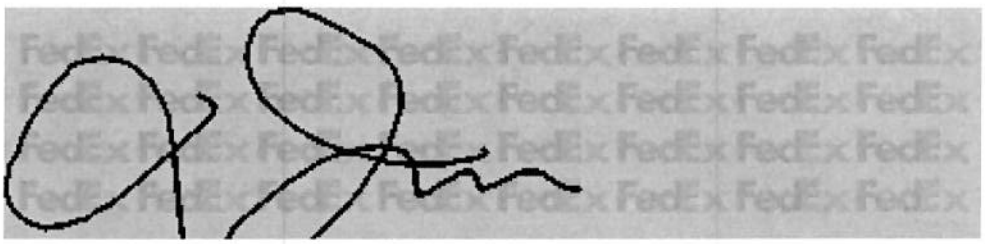
Shipper:
JT FUSSELL, GRAPHIC PACKAGING INTERNATIONAL
9978 FM ROAD 3129
Queen City, TX, US, 75572

Reference	JT FUSSELL
Department Number	ENVIRONMENTAL

Ref: JT FUSSELL
Dep: ENVIRONMENTAL
Date: 21Nov22
Wgt: 1.00 LBS
DV: 0.00

SHIPPING: 7.34
SPECIAL: 0.92
HANDLING: 0.00
TOTAL: 8.26

Svcs: PRIORITY OVERNIGHT
TRCK: 5898 8441 7569



Thank you for choosing FedEx

Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program
Texas Commission on Environmental Quality

All initial issuance, revision, renewal, and reopening permit application 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.

I. Identifying Information	
RN: ***RN100543115***	
CN: ***CN601710460***	
Account No.: ***CG0010G***	
Permit No.: ***O1378***	
Project No.: ***TBA***	
Area Name: ***Texarkana Mill***	
Company Name: ***Graphic Packaging International, LLC***	
II. Certification Type *(Please mark appropriate box)*	
☒ Responsible Official Representative	☐ Duly Authorized Representative
III. Submittal Type *(Please mark appropriate box) (Only one response can be accepted per form)*	
☐ SOP/TOP Initial Permit Application	☒ Permit Revision, Renewal, or Reopening
☐ GOP Initial Permit Application	☐ Update to Permit Application
☐ Other: _____	

Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program
Texas Commission on Environmental Quality

All initial issuance, revision, and renewal permit application submittals requiring certification must be accompanied by this form. Updates to acid rain or CSAPR (other than public notice verification materials) must be certified prior to authorization of public notice for the draft permit.

IV. Certification of Truth

This certification does not extend to information which is designated by TCEQ as information for reference only.

I, ***Steve J. Smith*** certify that I am the ***RO***

(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 _____ to _____

(Start Date) *(End Date)*

Specific Dates: ***02/01/2025*** _____ _____ _____

(Date 1) *(Date 2)* *(Date 3)* *(Date 4)*

_____ _____

(Date 5) *(Date 6)*

Signature: _____ Signature Date: _____ Title: _____

Title: ***VP & Resident Mill Manager***

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

Date: *02/01/2025*	**Regulated Entity No.:** *RN100543115*	**Permit No.:** *O1378*
Company Name: *Graphic Packaging International, LLC*		**Area Name:** *Texarkana Mill*

- 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 ✓

A.	**Compliance Plan — Future Activity Committal Statement**	
The *Responsible Official* 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.		
B.	**Compliance Certification - Statement for Units in Compliance* (Indicate response by entering an "X" in the appropriate column)**	
1.	With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application?	☒ YES ☐ NO
2.	Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	☐ YES ☒ NO
3.	If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. *(For reference only)*	0
*	*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.* *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.*	

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

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

For submissions to EPA:

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

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

General:

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

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

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

Information regarding SOP application requirements can be found on TCEQ's Air Site Operating Permit Guidance webpage located at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_site_guidance.html. Information regarding GOP application requirements can be found on TCEQ's Air General Operating Permit Guidance webpage located at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_gop_guidance.html.

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

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

1) Some responses have a character limit. (Example: "Company Name," maximum 50 characters.) The responses may consist of characters, digits, or a combination of the two. When appropriate, common abbreviations can be used to fit a response into the space allotted.

2) Some responses are limited to "Yes" or "No" and in some cases "N/A" for "not applicable." Applicants must select one of these options. "N/A" is an acceptable response only when it is stated in the instructions for the question.

3) Some responses must be in a specific format. (Examples: Dates, MM/DD/YYYY; Latitude/Longitude, DDD:MM:SS.)

4) Some responses are limited to a set of mutually exclusive response options, and selections are recorded by placing an "X" in the box next to the appropriate response. (Example: "Permit Type.")

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

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Page 1:

Specific:

I. Company Identifying Information

A. Company Name:

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

B. Customer Reference Number (CN):

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

C. Submittal Date:

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

II. Site Information

A. Site Name:

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

B. Regulated Entity Reference Number (RN):

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

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

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

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

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

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

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

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

Further information regarding the potential to emit can be found in the Potential to Emit Guidance, which is located on the TCEQ website at:
www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

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

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

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

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

A list of local air pollution control programs is located on the TCEQ website at:
www.tceq.texas.gov/permitting/air/local_programs.html.

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

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

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

H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:

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

III. Permit Type:

A. Type of Permit Requested:

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

Information on the different permit types can be found on the TCEQ website at: www.tceq.texas.gov/permitting/air/titlev/permit_types.html.

Page 2:

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

A. Is this submittal an Abbreviated or Full Application?

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

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

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

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

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

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

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

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

E. Has the required Public Involvement Plan been included with this application?

Place an "X" in the box for "Yes" if this submittal contains a Public Involvement Plan. Place an "X" in the box for "No" if this submittal does not contain a Public Involvement Plan. (For more information see Public Involvement Plan (PIP) Form for Certain NSR and Title V Air Permit Applications on the TCEQ website at www.tceq.texas.gov/permitting/air/air_permits.html.)

V. Confidential Information

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

Place an "X" in the box for "Yes" if any confidential information is being submitted in conjunction with this application. Otherwise, place an "X" in the box for "No." All confidential information must be submitted according to the TCEQ guidance located at: www.tceq.texas.gov/permitting/air/titlev/apps_timelines.html#confidential.

VI. Responsible Official (RO) Identifying Information

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

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

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

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

Page 3:

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

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

VIII. Reference Only Requirements (For reference only.)

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

A. State Senator:

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

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

B. State Representative:

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

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

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

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

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

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

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

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

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

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

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

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

Examples:

VIII. Reference Only Requirements *(For reference only.)*		
D.	Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?	☒ YES ☐ NO
E.	Indicate the alternate language(s) in which public notice is required:	Spanish, Vietnamese, German

VIII. Reference Only Requirements *(For reference only.)*		
D.	Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?	☐ YES ☒ NO
E.	Indicate the alternate language(s) in which public notice is required:	None

Page 4:

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

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

A. **Office/Facility Name:**

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

Physical Address: Enter the physical address of the office or facility, including city, state, and ZIP Code (physical address - maximum 50 characters and city - maximum 25 characters). If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and zip code. The physical address cannot be a Post Office Box.

B. **Physical Location:**

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

C. **Contact Name:**

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

E. **Telephone:**

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

X. Application Area Information

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

A. **Area Name:**

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

B. **Physical Address:**

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

C. **Physical Location:**

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

D. **Nearest City:**

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

E. **State:**

Enter the state in which the nearest city is located.

F. **ZIP Code:**

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

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G. **Latitude:**

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

H. **Longitude:**

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

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

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

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

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

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

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

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

The Opt-in Program allows stationary combustion sources not required to participate in the ARP the opportunity to enter the program on a voluntary basis, reduce their sulfur dioxide (SO_2) emissions, and receive their own acid rain allowances. Combustion sources are defined as fossil fuel-fired boilers, turbines, or internal combustion engines. An opt-in source must comply with the same or similar provisions as utility units affected under the mandatory ARP. These provisions relate to allowance trading, permitting, excess emissions, monitoring, end-of-year compliance, and enforcement. Most basic to the program is the requirement that each year the opt-in source must hold enough allowances to cover its annual SO_2 emissions. For additional information, please refer to 40 CFR Part 74.

L. **Affected Source Plant Code:**

If the answer to the previous question is "Yes," enter the plant code in the space provided. A plant code is a 4- or 5-digit number assigned by the Department of Energy (DOE) Energy Information Administration (EIA) to plants that generate electricity. For older plants, "Plant Code" is synonymous with "ORISPL" and "Facility" codes. If the plant generates electricity but no plant code has been assigned, or if there is uncertainty regarding what the plant code is, send an email to the EIA at EIA-860@eia.gov. For plants that do not produce electricity, use the plant identifier assigned by EPA (beginning with "88"). If the plant does not produce electricity and has not been assigned a plant identifier, contact Laurel DeSantis at desantis.laurel@epa.gov.

XI. Public Notice

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

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

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

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

B. **Physical Address:**

Enter the public place physical address, including city and zip code (physical address – maximum 50 characters and city - maximum 25 characters).

C. **Contact Person:**

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

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

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XII. Delinquent Fees and Penalties

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

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

XIII. Designated Representative (DR) Identifying Information

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

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XIV. Alternate Designated Representative (ADR) Identifying Information

If there is no ADR, leave this section blank.

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

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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.

I.	**Company Identifying Information**
A.	Company Name: ***Graphic Packaging International, LLC***
B.	Customer Reference Number (CN): ***CN601710460***
C.	Submittal Date *(mm/dd/yyyy)*: ***03/14/2025***
II.	**Site Information**
A.	Site Name: ***Texarkana Mill***
B.	Regulated Entity Reference Number (RN): ***RN100543115***
C.	Indicate affected state(s) required to review permit application: *(Check the appropriate box[es].)*
☒ AR ☐ CO ☐ KS ☒ LA ☐ NM ☒ OK ☐ N/A	
D.	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_X ☒ SO_2 ☒ PM_{10} ☒ CO ☐ Pb ☒ HAPS	
Other:	
E.	Is the site a non-major source subject to the Federal Operating Permit Program? ☐ Yes ☒ No
F.	Is the site within a local program area jurisdiction? ☐ Yes ☒ No
G.	Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? ☐ Yes ☒ No
H.	Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:
III.	**Permit Type**
A.	Type of Permit Requested: *(Select only one response)*
☒ Site Operating Permit (SOP) ☐ Temporary Operating Permit (TOP) ☐ General Operating Permit (GOP)	

Federal Operating Permit Program
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IV.	**Initial Application Information** *(Complete for Initial Issuance Applications Only.)*	
A.	Is this submittal an abbreviated or a full application?	☐ Abbreviated ☐ Full
B.	If this is a full application, is the submittal a follow-up to an abbreviated application?	☐ Yes ☐ No
C.	If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit?	☐ Yes ☐ No
D.	Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.)	☐ Yes ☐ No
E.	Has the required Public Involvement Plan been included with this application?	☐ Yes ☐ No
V.	**Confidential Information**	
A.	Is confidential information submitted in conjunction with this application?	☐ Yes ☒ No
VI.	**Responsible Official (RO) Identifying Information**	
RO Name Prefix: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)		
RO Full Name: ***Steve J. Smith***		
RO Title: ***VP & Resident Manager***		
Employer Name: ***Graphic Packaging International, LLC***		
Mailing Address: ***9978 FM 3129***		
City: ***Queen City***		
State: ***Texas***		
ZIP Code: ***75572***		
Territory:		
Country:		
Foreign Postal Code:		
Internal Mail Code:		
Telephone No.: ***(903) 796-1401***		
Fax No.: ***(770) 240-6334***		
Email: ***Steve.J.Smith@graphicpkg.com***		

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VII. Technical Contact Identifying Information *(Complete if different from RO.)*	
Technical Contact Name Prefix: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)	
Technical Contact Full Name: ***John Fussell***	
Technical Contact Title: ***Senior Environmental Engineer***	
Employer Name: ***Graphic Packaging International, LLC***	
Mailing Address: ***9978 FM 3129***	
City: ***Queen City***	
State: ***Texas***	
ZIP Code: ***75572***	
Territory:	
Country:	
Foreign Postal Code:	
Internal Mail Code:	
Telephone No.: ***(903) 799-1197***	
Fax No.: ***(770) 240-6334***	
Email: ***John.T.Fussell@graphicpkg.com***	
VIII. Reference Only Requirements *(For reference only.)*	
A. State Senator: ***Bryan Hughes***	
B. State Representative: ***Gary Van Deaver***	
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)?	☒ Yes ☐ No ☐ N/A
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?	☐ Yes ☒ No
E. Indicate the alternate language(s) in which public notice is required: ***None***	

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IX.	**Off-Site Permit Request** *(Optional for applicants requesting to hold the FOP and records at an off-site location.)*
A.	Office/Facility Name:
B.	Physical Address:
City:	
State:	
ZIP Code:	
Territory:	
Country:	
Foreign Postal Code:	
C.	Physical Location:
D.	Contact Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)
Contact Full Name:	
E.	Telephone No.:
X.	**Application Area Information**
A.	Area Name: ***Texarkana Mill***
B.	Physical Address: ***9978 FM 3129***
City: ***Queen City***	
State: ***Texas***	
ZIP Code: ***75572***	
C.	Physical Location:
D.	Nearest City:
E.	State:
F.	ZIP Code:

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X.	**Application Area Information *(continued)***
G.	Latitude (nearest second): ***33°15'21"***
H.	Longitude (nearest second): ***-94°04'17"***
I.	Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? ☐ Yes ☒ No
J.	Indicate the estimated number of emission units in the application area: ***86***
K.	Are there any emission units in the application area subject to the Acid Rain Program? ☐ Yes ☒ No
L.	Affected Source Plant Code (or ORIS/Facility Code): ***N/A***
XI.	**Public Notice** *(Complete this section for SOP Applications and Acid Rain Permit Applications only.)*
A.	Name of a public place to view application and draft permit: ***Atlanta Public Library***
B.	Physical Address: ***101 W Hiram St***
City: ***Atlanta, TX***	
ZIP Code: ***75551***	
C.	Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.):	
Contact Person Full Name: ***John Fussell***	
Contact Mailing Address: ***9978 FM 3129***	
City: ***Queen City***	
State: ***Texas***	
ZIP Code: ***75572***	
Territory:	
Country:	
Foreign Postal Code:	
Internal Mail Code:	
Telephone No.: ***(903) 799-1197***	

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XII. Delinquent Fees and Penalties
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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.
XIII. Designated Representative (DR) Identifying Information
DR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)
DR Full Name:
DR Title:
Employer Name:
Mailing Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.:
Fax No.:
Email:

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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: