

**From:** [Eddie Quintanilla](#)  
**To:** [Tusar Swami](#)  
**Cc:** [Meredith YOUNGSON](#); [Kelley Oswalt](#); [Trisha FROEMMING](#)  
**Subject:** RE: Working Draft Permit -- FOP 04161/Project 37614, Bayport Polymers LLC/Ethane Cracker - Respond by 11/5.  
**Date:** Thursday, November 6, 2025 9:14:19 AM

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Good morning Tusar!

Thanks for the updated draft. The WDP is approved. We request to please move forward with the Team Leader review, once that is completed, we will certify the application updates.

Let me know if you have any questions!

**Heriberto "Eddie" Quintanilla, P.E.**  
Staff Consultant

Trinity Consultants  
9737 Great Hills Trail, Ste. 340, Austin, TX 78759  
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Trinity logo for email



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**From:** Tusar Swami <[tusar.swami@tceq.texas.gov](mailto:tusar.swami@tceq.texas.gov)>  
**Sent:** Thursday, October 30, 2025 5:08 PM  
**To:** Eddie Quintanilla <[heriberto.quintanilla@trinityconsultants.com](mailto:heriberto.quintanilla@trinityconsultants.com)>  
**Cc:** [meredith.youngson@totalenergies.com](mailto:meredith.youngson@totalenergies.com); Trisha FROEMMING <[trisha.froemming@totalenergies.com](mailto:trisha.froemming@totalenergies.com)>; Kelley Oswalt <[Kelley.Oswalt@trinityconsultants.com](mailto:Kelley.Oswalt@trinityconsultants.com)>  
**Subject:** RE: Working Draft Permit -- FOP 04161/Project 37614, Bayport Polymers LLC/Ethane Cracker - Respond by 11/5.

Eddie:

Please the updated draft. All your comments as well all manual changes are incorporated after they are reviewed and approved by our Technical Specialist. Hopefully, I did not miss anything. Please certify everything from 08/07/2025 through the current date. Looking forward to moving this project forward.

Sincerely,

*Tusar Swami, P.E.*

**Texas Commission on Environmental Quality**

**OA/APD/Operating Permits Section**

12100 Park 35 Circle, Bldg. C, Austin, TX 78753

Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087

Phone: 512/239-1581 Fax: 512/239-1400

Email: [tusar.swami@tceq.texas.gov](mailto:tusar.swami@tceq.texas.gov)

**From:** Tusar Swami  
**Sent:** Thursday, October 30, 2025 5:08 PM  
**To:** 'Eddie Quintanilla'  
**Cc:** meredith.youngson@totalenergies.com; Trisha FROEMMING; Kelley Oswalt  
**Subject:** RE: Working Draft Permit -- FOP O4161/Project 37614.

Eddie:

Please the updated draft. All your comments as well all manual changes are incorporated after they are reviewed and approved by our Technical Specialist. Hopefully, I did not miss anything. Please certify everything form 08/07/2025 through the current date. Looking forward to moving this project forward.

Sincerely,

*Tusar Swami, P.E.*

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**From:** Eddie Quintanilla <heriberto.quintanilla@trinityconsultants.com>  
**Sent:** Friday, October 24, 2025 2:49 PM  
**To:** Tusar Swami <tusar.swami@tceq.texas.gov>  
**Cc:** meredith.youngson@totalenergies.com; Trisha FROEMMING <trisha.froemming@totalenergies.com>; Kelley Oswalt <Kelley.Oswalt@trinityconsultants.com>  
**Subject:** RE: Working Draft Permit -- FOP O4161/Project 37614, Bayport Polymers LLC/Ethane Cracker - Respond by 10/24.

Hey Tusar!

We have reviewed the WDP and, besides the MACT YY manual build and other manual changes, we have the following comments:

1. The following permit shields were requested in the update to the renewal sent on 08/25, but they weren't included in the latest WDP:
  - a. Units PKGBOIL1, 2, and 3 permit shield for 30 TAC Chapter 117, Subchapter B
  - b. Unit PKGFUGBOIL permit shield for 30 TAC Chapter 115, Subchapter D. The Unit is also not present in the "New Source Review Authorization References by Emission Unit" table
  - c. Unit BLRFUG permit shields for NSPS VVa and MACT YY
2. We submitted a revised OP-PBR SUP on 08/25, which is the date that should be referenced in Special Term and Condition 16

As a reference, these are the manual changes that are being reviewed by TCEQ:

1. MACT YY manual build for XF-4601
2. Add Standard §63.670 to the following units as requested in the original application's OP-REQ3:
  - a. C-1121, C-1122, GRP-Z55671, T-1221A, T-1221B, T-5655, T-5660, V-1123A, V-1123R, V-1215, V-1222, V-1223, V-4601, V-5651, V-5652, V-8601, V-8602, and XT-5672, all with index no: 61FF-FL
  - b. XF-4601 index no: 61FF-FLARE
3. Add the NSPS VVa manual build for unit SCFUG as entered in the original application's OP-REQ3

Let me know if you have any questions!

**Heriberto "Eddie" Quintanilla, P.E.**  
Staff Consultant

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**From:** Tusar Swami <[tusar.swami@tceq.texas.gov](mailto:tusar.swami@tceq.texas.gov)>  
**Sent:** Friday, October 17, 2025 11:50 AM  
**To:** Eddie Quintanilla <[heriberto.quintanilla@trinityconsultants.com](mailto:heriberto.quintanilla@trinityconsultants.com)>  
**Cc:** [meredith.youngson@totalenergies.com](mailto:meredith.youngson@totalenergies.com); Trisha FROEMMING <[trisha.froemming@totalenergies.com](mailto:trisha.froemming@totalenergies.com)>; Kelley Oswalt <[Kelley.Oswalt@trinityconsultants.com](mailto:Kelley.Oswalt@trinityconsultants.com)>  
**Subject:** RE: Working Draft Permit -- FOP O4161/Project 37614, Bayport Polymers LLC/Ethane Cracker - Respond by 10/24.

Good morning, Eddie:

Please see the updated draft. I have tried my best to incorporate all your comments except manual build for Unit ID XF-4601 MACT YY. Currently that is represented as high-level requirement one on page 69 of the draft. We are in the process of reviewing that and it may take some time. In the meantime we would like to review the rest and certify everything from 08/07/2025 through the current date.

Sincerely,

*Tusar Swami, P.E.*

**Texas Commission on Environmental Quality**  
**OA/APD/Operating Permits Section**  
12100 Park 35 Circle, Bldg. C, Austin, TX 78753  
Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087  
Phone: 512/239-1581 Fax: 512/239-1400  
Email: [tusar.swami@tceq.texas.gov](mailto:tusar.swami@tceq.texas.gov)



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**From:** Eddie Quintanilla <[heriberto.quintanilla@trinityconsultants.com](mailto:heriberto.quintanilla@trinityconsultants.com)>  
**Sent:** Tuesday, September 9, 2025 4:19 PM  
**To:** Tusar Swami <[tusar.swami@tceq.texas.gov](mailto:tusar.swami@tceq.texas.gov)>  
**Cc:** [meredith.youngson@totalenergies.com](mailto:meredith.youngson@totalenergies.com); Trisha FROEMMING <[trisha.froemming@totalenergies.com](mailto:trisha.froemming@totalenergies.com)>; Kelley Oswalt <[Kelley.Oswalt@trinityconsultants.com](mailto:Kelley.Oswalt@trinityconsultants.com)>  
**Subject:** RE: Working Draft Permit -- FOP O4161/Project 37614, Bayport Polymers LLC/Ethane Cracker - Respond by 8/25

Hey Tusar!

Total requests additional revisions for unit XF-4601:

1. Total requests a manual build for MACT YY as described in the OP-UA1 and OP-REQ3.
2. Remove the MACT CC requirements for this unit from the OP-UA7.
3. Revise the index numbers for NSPS A and MACT A as detailed in the OP-UA7.
4. Remove the "\*\*\* See Alternative Requirements" footnote from these index numbers as detailed in the OP-REQ3.

See attached the revised forms. Let me know if you have any questions!

**Heriberto "Eddie" Quintanilla, P.E.**  
Staff Consultant

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**From:** Tusar Swami <[tusar.swami@tceq.texas.gov](mailto:tusar.swami@tceq.texas.gov)>  
**Sent:** Tuesday, August 26, 2025 9:10 AM  
**To:** Eddie Quintanilla <[heriberto.quintanilla@trinityconsultants.com](mailto:heriberto.quintanilla@trinityconsultants.com)>  
**Cc:** [meredith.youngson@totalenergies.com](mailto:meredith.youngson@totalenergies.com); Trisha FROEMMING <[trisha.froemming@totalenergies.com](mailto:trisha.froemming@totalenergies.com)>; Kelley Oswalt <[Kelley.Oswalt@trinityconsultants.com](mailto:Kelley.Oswalt@trinityconsultants.com)>  
**Subject:** RE: Working Draft Permit -- FOP O4161/Project 37614, Bayport Polymers LLC/Ethane Cracker - Respond by 8/25

Good morning, Eddie:  
I acknowledge receiving the response. Thank you.

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

|                       |                      |
|-----------------------|----------------------|
| Date:                 | 09/09/2025           |
| Permit No.:           | 04161                |
| Regulated Entity No.: | RN109845768          |
| Company Name:         | Bayport Polymers 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 |                                                                                                      |                                                                                                                                                                                                                            |
| 20           | MS-C          | No                 | XF-4601 | OP-UA1          | 122353, GHGPSDTX114M1, PSDTX1426M1, 106.261/11/01/2003 [168247, 180852], 106.262/11/01/2003 [180852] | Total requests a manual build for 40 CFR Part 63, Subpart YY as described in the OP-UA1 and OP-REQ3. Remove the 40 CFR Part 63, Subpart CC requirements for this unit from the OP-UA7.                                     |
| 21           | MS-C          | No                 | XF-4601 | OP-UA7          | 122353, GHGPSDTX114M1, PSDTX1426M1, 106.261/11/01/2003 [168247, 180852], 106.262/11/01/2003 [180852] | Revise the index numbers for 40 CFR Part 60, Subpart A and 40 CFR Part 63, Subpart A as detailed in the OP-UA7. Remove the "** See Alternative Requirements" footnote from these index numbers as detailed in the OP-REQ3. |

**Applicable Requirements Summary**  
**Form OP-REQ3 (Page 1)**  
**Federal Operating Permit Program**

**Table 1a: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> 09/09/2025                   | <b>Regulated Entity No.:</b> RN109845768 | <b>Permit No.:</b> 04161 |
| <b>Company Name:</b> Bayport Polymers LLC | <b>Area Name:</b> Ethane Cracker         |                          |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No. | Pollutant      | Applicable Regulatory Requirement Name | Applicable Regulatory Requirement Standard(s)                                                                                                                                        |
|--------------|---------------------------|------------------------------------|-------------------|----------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 20           | XF-4601                   | OP-UA1                             | 63YY-CC           | 112(B)<br>HAPs | 40 CFR Part 63, Subpart YY             | §63.670(c)<br>§63.670, (b), (b)(1)-(2), (d), (d)(3), (e), (e)(2)<br>§63.670(o), [G](o)(1)-(5)<br>§63.670(o)(6), [G](o)(7)<br>[G]§63.671(c)<br>[G]§63.1100(g)(7)<br>[G]§63.1103(e)(4) |
| 21           | XF-4601                   | OP-UA7                             | 60A-01-LP         | Opacity        | 40 CFR Part 60, Subpart A              | § 60.18(b)<br>§ 60.18(c)(1)<br>§ 60.18(c)(2)<br>§ 60.18(c)(3)(ii)<br>§ 60.18(c)(4)(i)<br>§ 60.18(c)(6)<br>§ 60.18(e)                                                                 |
| 21           | XF-4601                   | OP-UA7                             | 60A-02-LP         | Opacity        | 40 CFR Part 60, Subpart A              | § 60.18(b)<br>§ 60.18(c)(1)<br>§ 60.18(c)(2)<br>§ 60.18(c)(3)(ii)<br>§ 60.18(c)(4)(iii)<br>§ 60.18(c)(6)<br>§ 60.18(e)                                                               |
| 21           | XF-4601                   | OP-UA7                             | 60A-03-LP         | Opacity        | 40 CFR Part 60, Subpart A              | § 60.18(b)<br>§ 60.18(c)(1)<br>§ 60.18(c)(2)<br>§ 60.18(c)(3)(ii)<br>§ 60.18(c)(4)(ii)<br>§ 60.18(c)(6)<br>§ 60.18(e)                                                                |
| 21           | XF-4601                   | OP-UA7                             | 63A-01-LP         | Opacity        | 40 CFR Part 63, Subpart A              | § 63.11(b)(4)<br>§ 63.11(b)(1)<br>§ 63.11(b)(2)<br>§ 63.11(b)(3)<br>§ 63.11(b)(5)<br>§ 63.11(b)(6)(ii)<br>§ 63.11(b)(7)(i)                                                           |

**Applicable Requirements Summary  
Form OP-REQ3 (Page 2)  
Federal Operating Permit Program**

**Table 1b: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> 09/09/2025                   | <b>Regulated Entity No.:</b> RN109845768 | <b>Permit No.:</b> 04161 |
| <b>Company Name:</b> Bayport Polymers LLC | <b>Area Name:</b> Ethane Cracker         |                          |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant      | Monitoring and Testing Requirements                                                                                                           | Recordkeeping Requirements                                                                                                 | Reporting Requirements                                                                                               |
|--------------|---------------------------|-------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| 20           | XF-4601                   | 63YY-CC           | 112(B)<br>HAPs | §63.670(b), (b)(2)(i)-(ii), (c), (d)(3)<br>§63.670(e), (g), [G](h)-(l), [G](m)<br>[G]§63.671(a)-(e)                                           | §63.670(b)(2)(iii)<br>[G]§63.670(h)-(j)<br>[G]§63.670(o)(1), [G](o)(5), (o)(6), (p)<br>[G]§63.671(a)-(b)<br>[G]§63.1109(e) | [G]§63.670(b)(2)(iii)<br>[G]§63.670(h), [G](j), [G](l), [G](o)(2),<br>(q)<br>§63.1110(d)(1)(iv)<br>[G]§63.1110(e)(4) |
| 21           | XF-4601                   | 60A-01-LP         | Opacity        | § 60.18(d)<br>§ 60.18(f)(1)<br>§ 60.18(f)(2)<br>§ 60.18(f)(3)<br>§ 60.18(f)(4)<br><del>** See Alternative Requirements</del>                  | None                                                                                                                       | None                                                                                                                 |
| 21           | XF-4601                   | 60A-02-LP         | Opacity        | § 60.18(d)<br>§ 60.18(f)(1)<br>§ 60.18(f)(2)<br>§ 60.18(f)(3)<br>§ 60.18(f)(4)<br>§ 60.18(f)(5)<br><del>** See Alternative Requirements</del> | None                                                                                                                       | None                                                                                                                 |
| 21           | XF-4601                   | 60A-03-LP         | Opacity        | § 60.18(d)<br>§ 60.18(f)(1)<br>§ 60.18(f)(2)<br>§ 60.18(f)(3)<br>§ 60.18(f)(4)<br><del>** See Alternative Requirements</del>                  | None                                                                                                                       | None                                                                                                                 |
| 21           | XF-4601                   | 63A-01-LP         | Opacity        | § 63.11(b)(4)<br>§ 63.11(b)(5)<br>§ 63.11(b)(7)(i)<br><del>** See Alternative Requirements</del>                                              | None                                                                                                                       | None                                                                                                                 |

**Applicable Requirements Summary  
Form OP-REQ3 (Page 1)  
Federal Operating Permit Program**

**Table 1a: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> 09/09/2025                   | <b>Regulated Entity No.:</b> RN109845768 | <b>Permit No.:</b> 04161 |
| <b>Company Name:</b> Bayport Polymers LLC | <b>Area Name:</b> Ethane Cracker         |                          |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No. | Pollutant | Applicable Regulatory Requirement Name | Applicable Regulatory Requirement Standard(s)                                                                                |
|--------------|---------------------------|------------------------------------|-------------------|-----------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 21           | XF-4601                   | OP-UA7                             | 63A-02-LP         | Opacity   | 40 CFR Part 63, Subpart A              | § 63.11(b)(4)<br>§ 63.11(b)(1)<br>§ 63.11(b)(2)<br>§ 63.11(b)(3)<br>§ 63.11(b)(5)<br>§ 63.11(b)(6)(ii)<br>§ 63.11(b)(7)(iii) |
| 21           | XF-4601                   | OP-UA7                             | 63A-03-LP         | Opacity   | 40 CFR Part 63, Subpart A              | § 63.11(b)(4)<br>§ 63.11(b)(1)<br>§ 63.11(b)(2)<br>§ 63.11(b)(3)<br>§ 63.11(b)(5)<br>§ 63.11(b)(6)(ii)<br>§ 63.11(b)(7)(ii)  |

Applicable Requirements Summary  
Form OP-REQ3 (Page 2)  
Federal Operating Permit Program

Table 1b: Additions

|                                    |                                   |                   |
|------------------------------------|-----------------------------------|-------------------|
| Date: 09/09/2025                   | Regulated Entity No.: RN109845768 | Permit No.: 04161 |
| Company Name: Bayport Polymers LLC | Area Name: Ethane Cracker         |                   |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements                                                              | Recordkeeping Requirements | Reporting Requirements |
|--------------|---------------------------|-------------------|-----------|--------------------------------------------------------------------------------------------------|----------------------------|------------------------|
| 21           | XF-4601                   | 63A-02-LP         | Opacity   | § 63.11(b)(4)<br>§ 63.11(b)(5)<br>§ 63.11(b)(7)(i)<br><del>** See Alternative Requirements</del> | None                       | None                   |
| 21           | XF-4601                   | 63A-03-LP         | Opacity   | § 63.11(b)(4)<br>§ 63.11(b)(5)<br>§ 63.11(b)(7)(i)<br><del>** See Alternative Requirements</del> | None                       | None                   |

Texas Commission on Environmental Quality  
Miscellaneous Unit Attributes  
Form OP-UA1 (Page 1)  
Federal Operating Permit Program

|                       |             |
|-----------------------|-------------|
| Date:                 | 09/09/2025  |
| Permit No.:           | 04161       |
| Regulated Entity No.: | RN109845768 |

| 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                                                                                                                                                                     |
|-------------|-------------------|-----------|------------------------------------|------------------------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| XF-4601     | 63YY-CC           | EU        |                                    |                                    |                        | Multi-point ground flare used as a control device for an emission point associated with an ethylene production unit subject to MACT YY. Per § 63.1103(e)(4), flares must meet §§ 63.670 and 63.671 of MACT CC. |

**Texas Commission on Environmental Quality**

**Flare Attributes**

**Form OP-UA7 (Page 3)**

**Federal Operating Permit Program**

**Table 3: Title 40 Code of Federal Regulations Part 60 and 61 (40 CFR Part 60 40 CFR Part 61)**

**Subpart A: General Provisions of Standards of Performance for New Stationary Sources and  
National Emission Standards for Hazardous Air Pollutants**

| <b>Date</b> | <b>Permit No.</b> | <b>Regulated Entity No.</b> |
|-------------|-------------------|-----------------------------|
| 09/09/2025  | 04161             | RN109845768                 |

| <b>Unit ID No.</b> | <b>SOP/GOP Index No.</b> | <b>Subject to 40 CFR §60.18</b> | <b>Adhering to Heat Content Specifications</b> | <b>Flare Assist Type</b> | <b>Flare Exit Velocity</b> | <b>Heating Value of Gas</b> |
|--------------------|--------------------------|---------------------------------|------------------------------------------------|--------------------------|----------------------------|-----------------------------|
| XF-4601            | 60A-01<br>60A-01-LP      | YES                             | YES                                            | NONE                     | 60-                        |                             |
| XF-4601            | 60A-02<br>60A-02-LP      | YES                             | YES                                            | NONE                     | 60-400                     | 1000-                       |
| XF-4601            | 60A-03<br>60A-03-LP      | YES                             | YES                                            | NONE                     | 60-400                     | 1000+                       |

Texas Commission on Environmental Quality

Flare Attributes

Form OP-UA7 (Page 4)

Federal Operating Permit Program

Table 4: Title 40 Code of Federal Regulations Part 63

Subpart A: General Provisions of National Emission Standards for Hazardous Air Pollutants for Source Categories

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 09/09/2025 | 04161      | RN109845768          |

| Unit ID No. | SOP/GOP Index No.   | Required under 40 CFR Part 63 | Heat Content Specifications | Flare Assist Type | Flare Exit Velocity | Heating Value of Gas |
|-------------|---------------------|-------------------------------|-----------------------------|-------------------|---------------------|----------------------|
| XF-4601     | 63A-01<br>63A-01-LP | YES                           | YES                         | NONE              | 60-                 |                      |
| XF-4601     | 63A-02<br>63A-02-LP | YES                           | YES                         | NONE              | 60-400              | 1000-                |
| XF-4601     | 63A-03<br>63A-03-LP | YES                           | YES                         | NONE              | 60-400              | 1000+                |

**Texas Commission on Environmental Quality**

**Flare Attributes**

**Form OP-UA7 (Page 7)**

**Federal Operating Permit Program**

**Table 6: Title Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart CC, National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries**

| <b>Date</b> | <b>Permit No.</b> | <b>Regulated Entity No.</b> |
|-------------|-------------------|-----------------------------|
| 09/09/2025  | 04161             | RN109845768                 |

| <b>Unit ID No.</b> | <b>SOP Index No.</b> | <b>Flare Applicability</b> | <b>Operating Limits</b> | <b>AMEL ID No.</b> | <b>Flare Tip Velocity</b> | <b>Perimeter Assist Air</b> |
|--------------------|----------------------|----------------------------|-------------------------|--------------------|---------------------------|-----------------------------|
| XF-4601            | 63CC-1               | OTHER                      | REGOP                   |                    | 60-400                    | NONE                        |

**From:** [Eddie Quintanilla](#)  
**To:** [Tusar Swami](#)  
**Cc:** [meredith.youngson@totalenergies.com](mailto:meredith.youngson@totalenergies.com); [Trisha FROEMMING](#); [Kelley Oswalt](#)  
**Subject:** RE: Working Draft Permit -- FOP 04161/Project 37614, Bayport Polymers LLC/Ethane Cracker - Respond by 8/25  
**Date:** Monday, August 25, 2025 5:23:35 PM  
**Attachments:** [WDP\\_04161\\_P37614\\_tracked\\_changes.docx](#)  
[Pages from OP-REQ1 2025-0825.pdf](#)  
[ECU SOP 04161 Renewal Forms Update 2025-0825.pdf](#)

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Hey Tusar,

Thanks for the WDP! See my response below in **red**. In addition, we have the following comments regarding the WDP, a revised WDP with tracked changes is attached for your convenience:

1. Please correct the PCAs for BLRFUG and STMBLR. NSR 122353 is missing
2. In our original application, we incorrectly entered the version date of PBR 106.261 as 11/01/2001. It should be 11/01/2003. Please correct the PCAs for SCFUG and XF-4601
3. Please correct the permit shield for STMBLR. The permit shield should be for 30 TAC Chapter 117, Subchapter B, not 30 TAC Chapter 117, Commercial
4. Please make the manual changes to the following units as entered in the original application's OP-REQ3:
  - a. XF-4601 index no: 63CC-1
  - b. C-1121, C-1122, GRP-Z55671, T-1221A, T-1221B, T-5655, T-5660, V-1123A, V-1123R, V-1215, V-1222, V-1223, V-4601, V-5651, V-5652, V-8601, V-8602, and XT-5672, all with index no: 61FF-FL
  - c. XF-4601 index no: 61FF-FLARE
5. Please add the "\*\*\* See Alternative Requirements" footnote to unit XF-4601, index nos: 63A-01, 63A-02, and 63A-3.
6. Please add the NSPS VVa manual build for unit SCFUG as entered in the OP-REQ3. The original application also included an NSPS VVa manual build for unit BLRFUG, however, upon further consideration, we would like to add a permit shield for that rule instead of the manual build.
  - a. Also, remove the MACT YY high-level citations for BLRFUG. A permit shield for that rule will be added.
7. Add Standard Permit 180479 and PBR 106.262/11/01/2003 to the New Source Review Authorization References table
8. Add PBR registration 180852 and PBR 106.262/11/01/2003 to units SCFUG and XF-4601
9. Major NSR Summary Table: Fix typo in Recordkeeping Requirements column for unit EMERGEN1. It should be SC 12, not SC 13
10. Major NSR Summary Table: Add footnotes (9) and (10) to pollutant CO2e for HDECOKE1 and 2

Let me know if there are any questions!

**Heriberto "Eddie" Quintanilla, P.E.**  
Staff Consultant

Trinity Consultants  
9737 Great Hills Trail, Ste. 340, Austin, TX 78759  
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**From:** Tusar Swami <tusar.swami@tceq.texas.gov>  
**Sent:** Friday, August 8, 2025 6:11 PM  
**To:** Eddie Quintanilla <heriberto.quintanilla@trinityconsultants.com>;  
meredith.youngson@totalenergies.com  
**Subject:** RE: Working Draft Permit -- FOP 04161/Project 37614, Bayport Polymers LLC/Ethane  
Cracker - Respond by 8/25

Eddie:

Good to hear from you.

2 of the PSDs are changing from

- (i) PSDTX1426 to PSDTX1426M1 and
- (ii) GHGPSDTX114 to GHGPSDTX114M1

I have already made the changes as you see in the draft. Have a good weekend.

Sincerely,

*Tusar Swami, P.E.*

**Texas Commission on Environmental Quality**

**OA/APD/Operating Permits Section**

12100 Park 35 Circle, Bldg. C, Austin, TX 78753  
Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087  
Phone: 512/239-1581 Fax: 512/239-1400  
Email: [tusar.swami@tceq.texas.gov](mailto:tusar.swami@tceq.texas.gov)



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

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**From:** Eddie Quintanilla <[heriberto.quintanilla@trinityconsultants.com](mailto:heriberto.quintanilla@trinityconsultants.com)>  
**Sent:** Friday, August 8, 2025 3:55 PM  
**To:** Tusar Swami <[tusar.swami@tceq.texas.gov](mailto:tusar.swami@tceq.texas.gov)>; [meredith.youngson@totalenergies.com](mailto:meredith.youngson@totalenergies.com)  
**Subject:** RE: Working Draft Permit -- FOP 04161/Project 37614, Bayport Polymers LLC/Ethane  
Cracker - Respond by 8/25

Hey Tusar!

We will be working on reviewing the WDP and responding to your items and should have a response by your deadline. However, could you clarify item #2? Could you confirm we need to submit an OP-

SUMR for all the Unit IDs in the Title V permit?

**Heriberto "Eddie" Quintanilla, P.E.**  
Staff Consultant

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9737 Great Hills Trail, Ste. 340, Austin, TX 78759  
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**From:** Tusar Swami <[tusar.swami@tceq.texas.gov](mailto:tusar.swami@tceq.texas.gov)>

**Sent:** Thursday, August 7, 2025 10:44 AM

**To:** [meredith.youngson@totalenergies.com](mailto:meredith.youngson@totalenergies.com)

**Cc:** Eddie Quintanilla <[heriberto.quintanilla@trinityconsultants.com](mailto:heriberto.quintanilla@trinityconsultants.com)>

**Subject:** Working Draft Permit -- FOP O4161/Project 37614, Bayport Polymers LLC/Ethane Cracker - Respond by 8/25

Meredith:

Good morning. I have conducted a technical review of *renewal* application Bayport Polymers LLC/Ethane Cracker. 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 dated January 30<sup>th</sup>, 2025.

Please review the WDP and submit to me any comments you have on the working draft permit by **August 25, 2025**. Following issues came up during the review.

1. Unit ID: LOAD – SOP Index R5211-4, 30 TAC Chapter 115, Loading and Unloading of VOC **Total has reconsidered the requirements for LOAD and now requests to remove index numbers R5211-3 and R5211-4. Please also add an additional index number to unit UNLOAD. See update to application for details**  
Needs additional periodic monitoring. We have given PM-V-029 and PM-030 for the completion of the draft. This is based on what was given for similar situations. You still need to provide suitable deviation limit. Please note that both PM options go together. For details please check [periodicmon.pdf](#)
2. Please submit the complete OP-SUMR for all unit IDs. **See update to application for complete OP-SUMR**
3. OP-REQ1 (XII.H)– Noted a Standard Permit 180479 issued on 7/2/25 – So please update section XII **See update to application for updated OP-REQ1 pg 89 and other**

forms incorporating the Standard Permit units into the permit. New units PKGBOIL1, 2, and 3 will be added to the permit with applicability to NSPS Db and MACT DDDDD, and a permit shield for Ch 117. New unit PKGFUGBOIL will be added through the OP-REQ2 with a permit shield for Ch 117.

4. Unit ID EMERGEN1 and EMERGEN 2 – Please update the attribute values for 40 CFR Part 60, Subpart IIII (Table 5c). At least one attribute value AECD is missing. For the completion of the draft, we interpreted it to “NO”. See update to application for updated OP-UA2

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

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

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

Please notify me when these updates have been submitted.

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

Contact me if you have any questions regarding the guidelines, the project schedule, or

any other details regarding your application or permit. A prompt acknowledgement to this email will be very much appreciated. Thank you for your cooperation.

Sincerely,

*Tusar Swami, P.E.*

**Texas Commission on Environmental Quality**

**OA/APD/Operating Permits Section**

12100 Park 35 Circle, Bldg. C, Austin, TX 78753

Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087

Phone: 512/239-1581 Fax: 512/239-1400

Email: [tusar.swami@tceq.texas.gov](mailto:tusar.swami@tceq.texas.gov)



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

# Application Area-Wide Applicability Determinations and General Information

## Form OP-REQ1 (Page 87)

### Federal Operating Permit Program

### Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 08/25/2025 | O4161      | RN109845768          |

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.                                                                                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| ◆ 12.                                                   | The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization.<br><i>If the response to XII.B.12 is "No," go to Question XII.B.15.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| ◆ 13.                                                   | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| ◆ 14.                                                   | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| ◆ 15.                                                   | The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.                                                                                           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 16.                                                   | The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.                                                                                          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| C. Flexible Permits                                     |                                                                                                                                                                                              |                                                                     |
| 1.                                                      | The application area includes at least one Flexible Permit NSR authorization.                                                                                                                | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| D. Multiple Plant Permits                               |                                                                                                                                                                                              |                                                                     |
| 1.                                                      | The application area includes at least one Multi-Plant Permit NSR authorization.                                                                                                             | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1 (Page 88)**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 08/25/2025 | O4161      | RN109845768          |

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): |
|-------------------|---------------|------------------------------------------------------------------------|------------|---------------|---------------|
| GHGPSDTX114<br>M1 | 04/17/2025    | GHG                                                                    |            |               |               |
| PSDTX1426M1       | 04/17/2025    | VOC, NO <sub>x</sub> , CO,<br>PM, PM <sub>10</sub> , PM <sub>2.5</sub> |            |               |               |
|                   |               |                                                                        |            |               |               |
|                   |               |                                                                        |            |               |               |

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](http://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](http://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 |
|----------------|---------------|----------------|---------------|---------------|---------------|
|                |               |                |               |               |               |
|                |               |                |               |               |               |
|                |               |                |               |               |               |
|                |               |                |               |               |               |

**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1 (Page 89)**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 08/25/2025 | O4161      | RN109845768          |

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 |
|-------------------|---------------|-------------------|---------------|-------------------|---------------|
| 122353            | 04/17/2025    |                   |               |                   |               |
| 167321            | 01/04/2022    |                   |               |                   |               |
| 167521            | 11/01/2022    |                   |               |                   |               |
| 180479            | 07/02/2025    |                   |               |                   |               |

- ◆ **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 |
|---------|------------------|---------|------------------|---------|------------------|
| 106.261 | 11/01/2003       | 106.476 | 09/04/2000       |         |                  |
| 106.262 | 11/01/2003       | 106.478 | 09/04/2000       |         |                  |
| 106.263 | 11/01/2001       | 106.492 | 09/04/2000       |         |                  |
| 106.264 | 09/04/2000       | 106.511 | 09/04/2000       |         |                  |
| 106.352 | 11/22/2012       |         |                  |         |                  |
| 106.373 | 09/04/2000       |         |                  |         |                  |
| 106.472 | 09/04/2000       |         |                  |         |                  |
| 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 2  
Texas Commission on Environmental Quality**

|                       |                      |
|-----------------------|----------------------|
| Date:                 | 8/25/2025            |
| Permit No.:           | 04161                |
| Regulated Entity No.: | RN109845768          |
| Company Name:         | Bayport Polymers 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 |                                                             |                                                                                                                                                                        |
| 12           | MS-C          | No                 | LOAD                         | OP-UA4          | 122353, PSDTX1426M1, 106.472/09/04/2000, 106.473/09/04/2000 | Remove the 30 TAC Chapter 115, Loading and Unloading of VOCs index numbers R5211-3 and R5211-4.                                                                        |
| 13           | MS-C          | No                 | UNLOAD                       | OP-UA4          | 122353, PSDTX1426M1, 106.472/09/04/2000, 106.473/09/04/2000 | Add the 30 TAC Chapter 115, Loading and Unloading of VOCs index number R5211-2 as an operating scenario when the site unloads VOC with a TVP of more than 0.5 psia.    |
| 14           | MS-C          | No                 | All                          | OP-SUMR         | Various                                                     | Update the pre-construction authorizations for all Title V units as shown on OP-SUMR to incorporate the latest modifications to permits PSDTX1426M1 and GHGPSDTX114M1. |
| 15           | MS-C          | No                 | EMERGEN1, EMERGEN2           | OP-UA2          | 122353, GHGPSDTX114M1, PSDTX1426M1                          | Form OP-UA2, Table 5 for 40 CFR Part 60 Subpart IIII is being submitted since TCEQ has made updates to the form since the last time it was submitted for these units.  |
| 16           | SIG-E         | Yes                | PKGBOIL1, PKGBOIL2, PKGBOIL3 | OP-UA6, OP-REQ2 | 180479                                                      | Add new boiler units to the permit. The OP-REQ1 question XII.B.15 has been updated to include this new standard permit.                                                |
| 17           | SIG-E         | Yes                | PKGFGUOIL                    | OP-UA12         | 180479                                                      | Add new fugitives unit to the permit with a permit shield as provided on OP-REQ2.                                                                                      |
| 18           | MS-C          | NO                 | SCFUG, XF-4601               | OP-SUMR         | 180852                                                      | Incorporate new PBR registration 180852. The OP-PBRSUP has been updated and the PCA's for these units have been updated on OP-SUMR.                                    |
| 19           | MS-C          | NO                 | BLRFUG                       | OP-UA12         | 122353, GHGPSDTX114M1, PSDTX1426M1                          | Remove the requirements for 40 CFR Part 60, Subpart VVa and 40 CFR Part 63, Subpart YY. Add permit shields for these rules.                                            |

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. |
|-----------|------------|----------------------|
| 8/25/2025 | 04161      | RN109845768          |

| 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 |
|-----------------|---------------------------|---------------------|------------------------------|-------------------------------|------------------|--------------------------------------------------------------------------|----------------------------------------|
|                 | 14                        | BLRFUG              | OP-UA12                      | STEAM BOILER FUGITIVES        |                  | 122353                                                                   | GHGPSDTX114M1, PSDTX1426M1             |
|                 | 14                        | C-1121              | OP-UA3                       | BLOWDOWN STRIPPER             |                  | 122353                                                                   | PSDTX1426M1                            |
|                 | 14                        | C-1122              | OP-UA3                       | BLOWDOWN STRIPPER             |                  | 122353                                                                   | PSDTX1426M1                            |
|                 | 14                        | EMERGEN1            | OP-UA2                       | EMERGENCY GENERATOR 1         |                  | 122353                                                                   | GHGPSDTX114M1, PSDTX1426M1             |
|                 | 14                        | EMERGEN2            | OP-UA2                       | EMERGENCY GENERATOR 2         |                  | 122353                                                                   | GHGPSDTX114M1, PSDTX1426M1             |
|                 | 14                        | H-1101              | OP-UA15                      | CRACKING HEATER H-1101        |                  | 122353                                                                   | GHGPSDTX114M1, PSDTX1426M1             |
|                 | 14                        | H-1102              | OP-UA15                      | CRACKING HEATER H-1102        |                  | 122353                                                                   | GHGPSDTX114M1, PSDTX1426M1             |
|                 | 14                        | H-1103              | OP-UA15                      | CRACKING HEATER H-1103        |                  | 122353                                                                   | GHGPSDTX114M1, PSDTX1426M1             |
|                 | 14                        | H-1104              | OP-UA15                      | CRACKING HEATER H-1104        |                  | 122353                                                                   | GHGPSDTX114M1, PSDTX1426M1             |
|                 | 14                        | H-1105              | OP-UA15                      | CRACKING HEATER H-1105        |                  | 122353                                                                   | GHGPSDTX114M1, PSDTX1426M1             |
|                 | 14                        | H-1106              | OP-UA15                      | CRACKING HEATER H-1106        |                  | 122353                                                                   | GHGPSDTX114M1, PSDTX1426M1             |
|                 | 14                        | LOAD                | OP-UA4                       | SITE LOADING OPERATIONS       |                  | 122353, 106.472/09/04/2000, 106.473/09/04/2000                           | PSDTX1426M1                            |
|                 | 14                        | PROPROCESS          | OP-UA60                      | PROCESS UNIT                  |                  | 122353                                                                   | PSDTX1426M1                            |
|                 | 14, 18                    | SCFUG               | OP-UA12                      | EQUIPMENT LEAK FUGITIVES      |                  | 122353, 106.261/11/01/2003 [168247, 180852], 106.262/11/01/2003 [180852] | GHGPSDTX114M1, PSDTX1426M1             |
|                 | 14                        | STMBLR              | OP-UA6                       | STEAM BOILER                  |                  | 122353                                                                   | GHGPSDTX114M1, PSDTX1426M1             |
|                 | 14                        | T-1202              | OP-UA3                       | CRACKER BOTTOM PRODUCT TANK   |                  | 122353                                                                   | PSDTX1426M1                            |

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. |
|-----------|------------|----------------------|
| 8/25/2025 | 04161      | RN109845768          |

| 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 |
|-----------------|---------------------------|---------------------|------------------------------|----------------------------------------------------|------------------|----------------------------------------------------------------------|----------------------------------------|
|                 | 14                        | T-1210              | OP-UA3                       | WASH OIL STORAGE TANK                              |                  | 122353                                                               | PSDTX1426M1                            |
|                 | 14                        | T-1221A             | OP-UA3                       | SPENT CAUSTIC STORAGE TANK                         |                  | 122353                                                               | PSDTX1426M1                            |
|                 | 14                        | T-1221B             | OP-UA3                       | SPENT CAUSTIC STORAGE TANK                         |                  | 122353                                                               | PSDTX1426M1                            |
|                 | 14                        | T-5655              | OP-UA3                       | PROCESS WASTE EQUALIZATION TANK                    |                  | 122353                                                               | PSDTX1426M1                            |
|                 | 14                        | T-5660              | OP-UA3                       | BENZENE WASTE WATER TANK                           |                  | 122353                                                               | PSDTX1426M1                            |
|                 | 14                        | T-5672              | OP-UA3                       | INDUCED GAS FLOTATION TANK                         |                  | 122353                                                               | PSDTX1426M1                            |
|                 | 14                        | UNLOAD              | OP-UA4                       | SITE UNLOADING OPERATIONS                          |                  | 122353,<br>106.472/09/04/2000,<br>106.473/09/04/2000                 | PSDTX1426M1                            |
|                 | 14                        | V-1123A             | OP-UA3                       | PROCESS WATER COALESCER                            |                  | 122353                                                               | PSDTX1426M1                            |
|                 | 14                        | V-1123R             | OP-UA3                       | PROCESS WATER COALESCER                            |                  | 122353                                                               | PSDTX1426M1                            |
|                 | 14                        | V-1215              | OP-UA3                       | YELLOW OIL DEGASSING DRUM                          |                  | 122353                                                               | PSDTX1426M1                            |
|                 | 14                        | V-1222              | OP-UA3                       | YELLOW OIL DRUM                                    |                  | 122353                                                               | PSDTX1426M1                            |
|                 | 14                        | V-1223              | OP-UA3                       | SPENT CAUSTIC SKIMMED YELLOW OIL DRUM              |                  | 122353                                                               | PSDTX1426M1                            |
|                 | 14                        | V-1227X             | OP-UA3                       | WET AIR OXIDATION PACKAGE - SPENT CAUSTIC REACTOR  |                  | 122353                                                               | PSDTX1426M1                            |
|                 | 14                        | V-1290              | OP-UA3                       | METHANOL STORAGE DRUM                              |                  | 122353                                                               | PSDTX1426M1                            |
|                 | 14                        | V-1291              | OP-UA3                       | DMDS STORAGE DRUM                                  |                  | 122353                                                               | PSDTX1426M1                            |
|                 | 14                        | V-3801X             | OP-UA3                       | THERMAL OXIDIZER PACKAGE - OXYGENATED VENT KO DRUM |                  | 122353                                                               | PSDTX1426M1                            |
|                 | 14                        | V-4601              | OP-UA3                       | WET FLARE KO DRUM                                  |                  | 122353                                                               | PSDTX1426M1                            |
|                 | 14                        | V-5651              | OP-UA3                       | WET SLOP OIL/FROTH HOLDING VESSEL                  |                  | 122353                                                               | PSDTX1426M1                            |
|                 | 14                        | V-5652              | OP-UA3                       | OILY SLUDGE STORAGE TANK                           |                  | 122353                                                               | PSDTX1426M1                            |
|                 | 14                        | V-8601              | OP-UA3                       | QUENCH AREA HYDROCARBON SLOP VESSEL                |                  | 122353                                                               | PSDTX1426M1                            |
|                 | 14                        | V-8602              | OP-UA3                       | CAUSTIC DRAIN SLOP VESSEL                          |                  | 122353                                                               | PSDTX1426M1                            |
|                 | 14                        | X-3800              | OP-UA52                      | THERMAL OXIDIZER                                   |                  | 122353                                                               | GHGPSDTX114M1,<br>PSDTX1426M1          |
|                 | 14                        | X-3900              | OP-UA52                      | THERMAL OXIDIZER - BACKUP CONTROL DEVICE           |                  | 122353                                                               | GHGPSDTX114M1,<br>PSDTX1426M1          |

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. |
|-----------|------------|----------------------|
| 8/25/2025 | 04161      | RN109845768          |

| 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 |
|-----------------|---------------------------|---------------------|------------------------------|-------------------------------------|------------------|---------------------------------------------------------------------------------------------|----------------------------------------|
|                 | 14                        | X3401               | OP-UA13                      | COOLING TOWER                       |                  | 122353                                                                                      | GHGPSDTX114M1, PSDTX1426M1             |
|                 | 14                        | X3800VENT           | OP-UA15                      | THERMAL OXIDIZER PROCESS VENTS      | X                | 122353                                                                                      | PSDTX1426M1                            |
|                 | 14, 18                    | XF-4601             | OP-UA7, OP-UA52              | GROUND FLARE                        |                  | 122353,<br>106.261/11/01/2003<br>[168247, 180852],<br><u>106.262/11/01/2003</u><br>[180852] | GHGPSDTX114M1, PSDTX1426M1             |
|                 | 14                        | XF4601VENT          | OP-UA15                      | GROUND FLARE PROCESS VENTS          | X                | 122353                                                                                      | PSDTX1426M1                            |
|                 | 14                        | XT-5672             | OP-UA14                      | IGF SEPARATOR                       |                  | 122353                                                                                      | PSDTX1426M1                            |
|                 | 14                        | Z-5671A             | OP-UA14                      | CPI OIL/WATER SEPARATOR PACKAGE     |                  | 122353                                                                                      | PSDTX1426M1                            |
|                 | 14                        | Z-5671B             | OP-UA14                      | CPI OIL/WATER SEPARATOR PACKAGE     |                  | 122353                                                                                      | PSDTX1426M1                            |
| A               | 16                        | PKGBOIL1            | OP-UA6                       | PACKAGED BOILER NO. 1               |                  | 180479                                                                                      |                                        |
| A               | 16                        | PKGBOIL2            | OP-UA6                       | PACKAGED BOILER NO. 2               |                  | 180479                                                                                      |                                        |
| A               | 16                        | PKGBOIL3            | OP-UA6                       | PACKAGED BOILER NO. 3               |                  | 180479                                                                                      |                                        |
| A               | 17                        | PKGFUGBOIL          | OP-REQ2                      | PACKAGED BOILERS FUGITIVE EMISSIONS |                  | 180479                                                                                      |                                        |

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

| Date      | Permit Number | Regulated Entity Number | Area Name      |
|-----------|---------------|-------------------------|----------------|
| 8/25/2025 | 04161         | RN109845768             | Ethane Cracker |

| Unit ID No. | Registration No. | PBR No.          | Registration Date |
|-------------|------------------|------------------|-------------------|
| SCFUG       | 168247           | 106.261          | 03/17/2022        |
| XF-4601     | 168247           | 106.261          | 03/17/2022        |
| SCFUG       | 180852           | 106.261, 106.262 | 08/07/2025        |
| XF-4601     | 180852           | 106.261, 106.262 | 08/07/2025        |

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

| Date      | Permit Number | Regulated Entity Number | Area Name      |
|-----------|---------------|-------------------------|----------------|
| 8/25/2025 | 04161         | RN109845768             | Ethane Cracker |

| Unit ID No.  | PBR No.          | Version No./Date |
|--------------|------------------|------------------|
| MSS          | 106.263          | 11/01/2001       |
| LOAD, UNLOAD | 106.472, 106.473 | 09/04/2000       |

Texas Commission on Environmental Quality  
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

| Date      | Permit Number | Regulated Entity Number | Area Name      |
|-----------|---------------|-------------------------|----------------|
| 8/25/2025 | 04161         | RN109845768             | Ethane Cracker |

| PBR No. | Version No./Date |
|---------|------------------|
| N/A     | N/A              |

Texas Commission on Environmental Quality  
Permit By Rule Supplemental Table (Page 4)

Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area

| Date      | Permit Number | Regulated Entity Number | Area Name      |
|-----------|---------------|-------------------------|----------------|
| 8/25/2025 | 04161         | RN109845768             | Ethane Cracker |

| Unit ID No.  | PBR No.          | Version No./Date Or Registration No. | Monitoring Requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------|------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCFUG        | 106.261          | 168247                               | Emissions from fugitive component leaks are minimized through the 28VHP Leak Detection and Repair program as detailed in the Special Condition Nos. 18 and 19 of NSR Permit No. 122353 latest issuance found in Appendix B of the Title V permit. The LDAR requirements in the permit specify the parameter monitored and the frequency of monitoring.                                                                                                                                                                                                                                                                                   |
| XF-4601      | 106.261          | 168247                               | The multi-point ground flare are monitored according to the Special Condition No. 14 of NSR Permit No. 122353 latest issuance found in Appendix B of the Title V permit. The requirements in the permit specify the parameters monitored and the frequency of monitoring.                                                                                                                                                                                                                                                                                                                                                                |
| SCFUG        | 106.261, 106.262 | 180852                               | Emissions from fugitive component leaks are minimized through the 28VHP Leak Detection and Repair program as detailed in the Special Condition Nos. 18 and 19 of NSR Permit No. 122353 latest issuance found in Appendix B of the Title V permit. The LDAR requirements in the permit specify the parameter monitored and the frequency of monitoring.                                                                                                                                                                                                                                                                                   |
| XF-4601      | 106.261, 106.262 | 180852                               | The multi-point ground flare are monitored according to the Special Condition No. 14 of NSR Permit No. 122353 latest issuance found in Appendix B of the Title V permit. The requirements in the permit specify the parameters monitored and the frequency of monitoring.                                                                                                                                                                                                                                                                                                                                                                |
| MSS          | 106.263          | 11/01/2001                           | Keep records on-site of the type and reason for MSS activity, the processes and equipment involved; date, time, and duration of the activity or facility operation; and the air contaminants and amounts which are emitted as a result of the activity or facility operation per 106.263(g)(1)-(4). MSS emissions are recorded by the end of the month following the month during which the MSS activity occurred; these emissions are summed monthly, and the rolling 12-month emissions record is updated on a monthly basis to demonstrate compliance with the limits in 106.4 and 106.263(f). Calculated emissions are kept on-site. |
| LOAD, UNLOAD | 106.472, 106.473 | 09/04/2000                           | Keep annual records of the throughput, liquids loaded or unloaded, and true vapor pressure of liquids. Compare the actual throughput recorded to the maximum throughput used to calculate PTE emissions using AP-42, Fifth Edition, Volume I Chapter 5.2 (July 2008) equations and emission factors, as applicable/required, to demonstrate compliance with the limits in 106.473(1) and 106.4                                                                                                                                                                                                                                           |

**Form OP-REQ2**  
**Negative Applicable/Superseded Requirement Determinations**  
**Texas Commission on Environmental Quality**

| Date      | Permit No. | Regulated Entity No. |
|-----------|------------|----------------------|
| 8/25/2025 | 04161      | RN109845768          |

| Unit Al | Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | Potentially Applicable Regulatory Name | Negative Applicability/Superseded Requirement Citation | Negative Applicability Reason                                                                                           |
|---------|--------------|---------------------------|------------------------------------|----------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| A       | 16           | PKGBOIL1                  | OP-UA6                             | 30 TAC Chapter 117, Subchapter B       | §117.103(a)(1)                                         | Boiler placed into service after November 15, 1992 and is not a functionally identical replacement for existing boiler. |
| A       | 16           | PKGBOIL2                  | OP-UA6                             | 30 TAC Chapter 117, Subchapter B       | §117.103(a)(1)                                         | Boiler placed into service after November 15, 1992 and is not a functionally identical replacement for existing boiler. |
| A       | 16           | PKGBOIL3                  | OP-UA6                             | 30 TAC Chapter 117, Subchapter B       | §117.103(a)(1)                                         | Boiler placed into service after November 15, 1992 and is not a functionally identical replacement for existing boiler. |
| A       | 17           | PKGFUGBOIL                | OP-REQ2                            | 30 TAC Chapter 115 Subchapter D        | §115.352(1)                                            | Fugitive components do not contain VOCs.                                                                                |
| A       | 19           | BLRFUG                    | OP-UA12                            | 40 CFR Part 60, Subpart VVa            | §60.481a                                               | Equipment not in VOC service with VOC less than 10% by weight.                                                          |
| A       | 19           | BLRFUG                    | OP-UA12                            | 40 CFR Part 63, Subpart YY             | §63.1103(a)(1)(i)(D)                                   | Equipment does not contain or contact organic HAPs.                                                                     |

**Applicable Requirements Summary**  
**Form OP-REQ3 (Page 1)**  
**Federal Operating Permit Program**

**Table 1a: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date: 08/25/2025</b>                   | <b>Regulated Entity No.: RN109845768</b> | <b>Permit No.: 04161</b> |
| <b>Company Name: Bayport Polymers LLC</b> | <b>Area Name: Ethane Cracker</b>         |                          |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No. | Pollutant      | Applicable Regulatory Requirement Name            | Applicable Regulatory Requirement Standard(s)                                                                                                                          |
|--------------|---------------------------|------------------------------------|-------------------|----------------|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13           | UNLOAD                    | OP-UA4                             | R5211-2           | VOC            | 30 TAC Chapter 115, Loading and Unloading of VOCs | §115.212(a)(3)<br>§115.212(a)(2)<br>§115.212(a)(3)(A)<br>§115.212(a)(3)(A)(ii)<br>§115.212(a)(3)(B)<br>[G]§115.212(a)(3)(C), (a)(3)(D)<br>§115.214(a)(1)(B), (a)(1)(C) |
| 16           | PKGBOIL1                  | OP-UA6                             | 60Db-2            | SO2            | 40 CFR Part 60, Subpart Db                        | §60.42b(k)(2)                                                                                                                                                          |
| 16           | PKGBOIL1                  | OP-UA6                             | 60Db-2            | PM             | 40 CFR Part 60, Subpart Db                        | §60.40b(a)                                                                                                                                                             |
| 16           | PKGBOIL1                  | OP-UA6                             | 60Db-2            | PM             | 40 CFR Part 60, Subpart Db                        | §60.40b(a)                                                                                                                                                             |
| 16           | PKGBOIL1                  | OP-UA6                             | 60Db-2            | NOX            | 40 CFR Part 60, Subpart Db                        | §60.44b(l)(1)<br>§60.44b(h), (i)<br>§60.46b(a)                                                                                                                         |
| 16           | PKGBOIL1                  | OP-UA6                             | 63DDDDD-2         | 112(B)<br>HAPs | 40 CFR Part 63, Subpart DDDDD                     | §63.7500(a)(1)-Table 3.3<br>§63.7500(a)(1), (a)(3)<br>§63.7505(a)<br>§63.7540(a), [G](a)(10), (a)(13)                                                                  |
| 16           | PKGBOIL2                  | OP-UA6                             | 60Db-2            | SO2            | 40 CFR Part 60, Subpart Db                        | §60.42b(k)(2)                                                                                                                                                          |
| 16           | PKGBOIL2                  | OP-UA6                             | 60Db-2            | PM             | 40 CFR Part 60, Subpart Db                        | §60.40b(a)                                                                                                                                                             |
| 16           | PKGBOIL2                  | OP-UA6                             | 60Db-2            | PM             | 40 CFR Part 60, Subpart Db                        | §60.40b(a)                                                                                                                                                             |
| 16           | PKGBOIL2                  | OP-UA6                             | 60Db-2            | NOX            | 40 CFR Part 60, Subpart Db                        | §60.44b(l)(1)<br>§60.44b(h), (i)<br>§60.46b(a)                                                                                                                         |

**Applicable Requirements Summary  
Form OP-REQ3 (Page 2)  
Federal Operating Permit Program**

**Table 1b: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> 08/25/2025                   | <b>Regulated Entity No.:</b> RN109845768 | <b>Permit No.:</b> 04161 |
| <b>Company Name:</b> Bayport Polymers LLC | <b>Area Name:</b> Ethane Cracker         |                          |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements                                                                                  | Recordkeeping Requirements                          | Reporting Requirements                                                                               |
|--------------|---------------------------|-------------------|-----------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 13           | UNLOAD                    | R5211-2           | VOC       | §115.212(a)(3)(B)<br>§115.214(a)(1)(A)<br>§115.214(a)(1)(A)(i)-(iii)                                                 | §115.216<br>§115.216(3)(A), (3)(A)(i), (3)(A)(iii)  | None                                                                                                 |
| 16           | PKGBOIL1                  | 60Db-2            | SO2       | §60.47b(f)                                                                                                           | §60.45b(k)<br>§60.49b(o)<br>§60.49b(r), (r)(1)      | §60.49b(a), (a)(1)<br>§60.49b(r), (r)(1)                                                             |
| 16           | PKGBOIL1                  | 60Db-2            | PM        | None                                                                                                                 | [G]§60.49b(d), (o)                                  | §60.49b(a), (a)(1), (a)(3)                                                                           |
| 16           | PKGBOIL1                  | 60Db-2            | PM        | None                                                                                                                 | [G]§60.49b(d), (o)                                  | §60.49b(a), (a)(1), (a)(3)                                                                           |
| 16           | PKGBOIL1                  | 60Db-2            | NOX       | §60.46b(c)<br>§60.46b(e), (e)(1), (e)(4)<br>[G]§60.48b(b), (c)-(e)<br>[G]§60.48b(e)(2), (e)(3)<br>§60.48b(f), (g)(1) | [G]§60.48b(b), (c)<br>[G]§60.49b(d), [G](g), (o)    | §60.49b(a), (a)(1), (a)(3), (b)<br>§60.49b(h), (h)(4), (i), (v), (w)                                 |
| 16           | PKGBOIL1                  | 63DDDDD-2         | =E12      | §63.7510(g)<br>§63.7515(d)<br>[G]§63.7521(f)-(g), (h)-(i)<br>§63.7530(g)<br>§63.7540(a), [G](a)(10), [G](c)          | §63.7555(a), (a)(1)-(2), (g)-(h)<br>§63.7560(a)-(c) | [G]§63.7521(g)<br>§63.7530(e), (f)<br>§63.7545(a)-(c), [G](e)-(f)<br>§63.7550(a), [G](b)-(c), [G](h) |
| 16           | PKGBOIL2                  | 60Db-2            | SO2       | §60.47b(f)                                                                                                           | §60.45b(k)<br>§60.49b(o)<br>§60.49b(r), (r)(1)      | §60.49b(a), (a)(1)<br>§60.49b(r), (r)(1)                                                             |
| 16           | PKGBOIL2                  | 60Db-2            | PM        | None                                                                                                                 | [G]§60.49b(d), (o)                                  | §60.49b(a), (a)(1), (a)(3)                                                                           |
| 16           | PKGBOIL2                  | 60Db-2            | PM        | None                                                                                                                 | [G]§60.49b(d), (o)                                  | §60.49b(a), (a)(1), (a)(3)                                                                           |
| 16           | PKGBOIL2                  | 60Db-2            | NOX       | §60.46b(c)<br>§60.46b(e), (e)(1), (e)(4)<br>[G]§60.48b(b), (c)-(e)<br>[G]§60.48b(e)(2), (e)(3)<br>§60.48b(f), (g)(1) | [G]§60.48b(b), (c)<br>[G]§60.49b(d), [G](g), (o)    | §60.49b(a), (a)(1), (a)(3), (b)<br>§60.49b(h), (h)(4), (i), (v), (w)                                 |

**Applicable Requirements Summary**  
**Form OP-REQ3 (Page 1)**  
**Federal Operating Permit Program**

**Table 1a: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date: 08/25/2025</b>                   | <b>Regulated Entity No.: RN109845768</b> | <b>Permit No.: 04161</b> |
| <b>Company Name: Bayport Polymers LLC</b> | <b>Area Name: Ethane Cracker</b>         |                          |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No. | Pollutant      | Applicable Regulatory Requirement Name | Applicable Regulatory Requirement Standard(s)                                                         |
|--------------|---------------------------|------------------------------------|-------------------|----------------|----------------------------------------|-------------------------------------------------------------------------------------------------------|
| 16           | PKGBOIL2                  | OP-UA6                             | 63DDDDD-2         | 112(B)<br>HAPs | 40 CFR Part 63, Subpart DDDDD          | §63.7500(a)(1)-Table 3.3<br>§63.7500(a)(1), (a)(3)<br>§63.7505(a)<br>§63.7540(a), [G](a)(10), (a)(13) |
| 16           | PKGBOIL3                  | OP-UA6                             | 60Db-2            | SO2            | 40 CFR Part 60, Subpart Db             | §60.42b(k)(2)                                                                                         |
| 16           | PKGBOIL3                  | OP-UA6                             | 60Db-2            | PM             | 40 CFR Part 60, Subpart Db             | §60.40b(a)                                                                                            |
| 16           | PKGBOIL3                  | OP-UA6                             | 60Db-2            | PM             | 40 CFR Part 60, Subpart Db             | §60.40b(a)                                                                                            |
| 16           | PKGBOIL3                  | OP-UA6                             | 60Db-2            | NOX            | 40 CFR Part 60, Subpart Db             | §60.44b(l)(1)<br>§60.44b(h), (i)<br>§60.46b(a)                                                        |
| 16           | PKGBOIL3                  | OP-UA6                             | 63DDDDD-2         | 112(B)<br>HAPs | 40 CFR Part 63, Subpart DDDDD          | §63.7500(a)(1)-Table 3.3<br>§63.7500(a)(1), (a)(3)<br>§63.7505(a)<br>§63.7540(a), [G](a)(10), (a)(13) |

**Applicable Requirements Summary  
Form OP-REQ3 (Page 2)  
Federal Operating Permit Program**

**Table 1b: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date: 08/25/2025</b>                   | <b>Regulated Entity No.: RN109845768</b> | <b>Permit No.: 04161</b> |
| <b>Company Name: Bayport Polymers LLC</b> | <b>Area Name: Ethane Cracker</b>         |                          |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant      | Monitoring and Testing Requirements                                                                                  | Recordkeeping Requirements                          | Reporting Requirements                                                                               |
|--------------|---------------------------|-------------------|----------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 16           | PKGBOIL2                  | 63DDDDD-2         | 112(B)<br>HAPs | §63.7510(g)<br>§63.7515(d)<br>[G]§63.7521(f)-(g), (h)-(i)<br>§63.7530(g)<br>§63.7540(a), [G](a)(10), [G](c)          | §63.7555(a), (a)(1)-(2), (g)-(h)<br>§63.7560(a)-(c) | [G]§63.7521(g)<br>§63.7530(e), (f)<br>§63.7545(a)-(c), [G](e)-(f)<br>§63.7550(a), [G](b)-(c), [G](h) |
| 16           | PKGBOIL3                  | 60Db-2            | SO2            | §60.47b(f)                                                                                                           | §60.45b(k)<br>§60.49b(o)<br>§60.49b(r), (r)(1)      | §60.49b(a), (a)(1)<br>§60.49b(r), (r)(1)                                                             |
| 16           | PKGBOIL3                  | 60Db-2            | PM             | None                                                                                                                 | [G]§60.49b(d), (o)                                  | §60.49b(a), (a)(1), (a)(3)                                                                           |
| 16           | PKGBOIL3                  | 60Db-2            | PM             | None                                                                                                                 | [G]§60.49b(d), (o)                                  | §60.49b(a), (a)(1), (a)(3)                                                                           |
| 16           | PKGBOIL3                  | 60Db-2            | NOX            | §60.46b(c)<br>§60.46b(e), (e)(1), (e)(4)<br>[G]§60.48b(b), (c)-(e)<br>[G]§60.48b(e)(2), (e)(3)<br>§60.48b(f), (g)(1) | [G]§60.48b(b), (c)<br>[G]§60.49b(d), [G](g), (o)    | §60.49b(a), (a)(1), (a)(3), (b)<br>§60.49b(h), (h)(4), (i), (v), (w)                                 |
| 16           | PKGBOIL3                  | 63DDDDD-2         | 112(B)<br>HAPs | §63.7510(g)<br>§63.7515(d)<br>[G]§63.7521(f)-(g), (h)-(i)<br>§63.7530(g)<br>§63.7540(a), [G](a)(10), [G](c)          | §63.7555(a), (a)(1)-(2), (g)-(h)<br>§63.7560(a)-(c) | [G]§63.7521(g)<br>§63.7530(e), (f)<br>§63.7545(a)-(c), [G](e)-(f)<br>§63.7550(a), [G](b)-(c), [G](h) |

Texas Commission on Environmental Quality  
Miscellaneous Unit Attributes  
Form OP-UA1 (Page 1)  
Federal Operating Permit Program

|                       |             |
|-----------------------|-------------|
| Date:                 | 8/25/2025   |
| Permit No.:           | 04161       |
| Regulated Entity No.: | RN109845768 |

| 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                                                                                          |
|-------------|-------------------|-----------|------------------------------------|------------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| BLRFUG      | 63YY              | EU        |                                    |                                    |                        | Equipment (as defined in §63.1101) that contains or contacts organic HAP is subject to the provisions of §63.1103(e) Table 7(f)(1). |

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 Engine

Texas Commission on Environmental Quality

| Date      | Permit No. | Regulated Entity No. |
|-----------|------------|----------------------|
| 8/25/2025 | 04161      | RN109845768          |

| Unit ID No. | SOP/GOP Index No. | Applicability Date | Exemptions | Service | Commencing | Manufacture Date |
|-------------|-------------------|--------------------|------------|---------|------------|------------------|
| EMERGEN1    | 60IIII-1          | 2005+              | NONE       | EMERG   | CON        | 0406+            |
| EMERGEN2    | 60IIII-1          | 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 Engine

Texas Commission on Environmental Quality

| Date      | Permit No. | Regulated Entity No. |
|-----------|------------|----------------------|
| 8/25/2025 | 04161      | RN109845768          |

| Unit ID No. | SOP/GOP Index No. | Diesel | AES No. | Displacement | Generator Set | Model Year | Install Date |
|-------------|-------------------|--------|---------|--------------|---------------|------------|--------------|
| EMERGEN1    | 60IIII-1          | DIESEL |         | 15-20        |               | 2017+      |              |
| EMERGEN2    | 60IIII-1          | DIESEL |         | 15-20        |               | 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 Engine

Texas Commission on Environmental Quality

| Date      | Permit No. | Regulated Entity No. |
|-----------|------------|----------------------|
| 8/25/2025 | 04161      | RN109845768          |

| Unit ID No. | SOP/GOP Index No. | Kilowatts | Filter | AECD | Standard | Compliance Option | PM Compliance | Options |
|-------------|-------------------|-----------|--------|------|----------|-------------------|---------------|---------|
| EMERGEN1    | 60IIII-1          | E368-600  |        | NO   | YES      | MANU YES          |               |         |
| EMERGEN2    | 60IIII-1          | E368-600  |        | NO   | YES      | MANU YES          |               |         |

Texas Commission on Environmental Quality  
Loading/Unloading Operations Attributes  
Form OP-UA04 (Page 1)

Federal Operating Permit Program

Table 1a: 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)

Subchapter C: Loading and Unloading of Volatile Organic Compounds

| Date      | Permit No. | Regulated Entity No. |
|-----------|------------|----------------------|
| 8/25/2025 | 04161      | RN109845768          |

| 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 Throughput | Control Options |
|-------------|-------------------|---------------------------|-------------------------------------|------------|---------------------|---------------|---------------------|------------------|-----------------|
| LOAD        | R5211-3           |                           |                                     |            |                     |               |                     |                  |                 |
| LOAD        | R5211-4           |                           |                                     |            |                     |               |                     |                  |                 |
| UNLOAD      | R5211-2           | OTHER                     | NONE                                |            | VOC1                | UNLOAD        | 0.5+                |                  |                 |

Texas Commission on Environmental Quality  
Loading/Unloading Operations Attributes  
Form OP-UA04 (Page 2)

Federal Operating Permit Program

Table 1b: 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)

Subchapter C: Loading and Unloading of Volatile Organic Compounds

| Date      | Permit No. | Regulated Entity No. |
|-----------|------------|----------------------|
| 8/25/2025 | 04161      | RN109845768          |

| Unit ID No. | SOP/GOP Index No. | Chapter 115<br>Control Device<br>Type | Chapter 115<br>Control Device<br>ID No. | Vapor-Tight | Vapor Space<br>Holding Tank | Marine Terminal<br>Exemptions | VOC Flash<br>Point | Uncontrolled VOC<br>Emissions |
|-------------|-------------------|---------------------------------------|-----------------------------------------|-------------|-----------------------------|-------------------------------|--------------------|-------------------------------|
| LOAD        | R5211-3           |                                       |                                         |             |                             |                               |                    |                               |
| LOAD        | R5211-4           |                                       |                                         |             |                             |                               |                    |                               |
| UNLOAD      | R5211-2           |                                       |                                         | NO          |                             |                               |                    |                               |

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. |
|-----------|------------|----------------------|
| 8/25/2025 | 04161      | RN109845768          |

| Unit ID No. | SOP Index No. | Construction/Modification Date | Heat Input Capacity | Subpart Da | Changes to Existing Affected Facility | Subpart Ea, Eb, or AAAA, or CCCC | Subpart KKKK | Subpart Cb or BBBB | Temporary Boiler |
|-------------|---------------|--------------------------------|---------------------|------------|---------------------------------------|----------------------------------|--------------|--------------------|------------------|
| PKGBOIL1    | 60Db-2        | 05+CR                          | 100-250             | NO         | NO                                    | NO                               | NO           | NO                 | NO               |
| PKGBOIL2    | 60Db-2        | 05+CR                          | 100-250             | NO         | NO                                    | NO                               | NO           | NO                 | NO               |
| PKGBOIL3    | 60Db-2        | 05+CR                          | 100-250             | NO         | 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. |
|-----------|------------|----------------------|
| 8/25/2025 | 04161      | RN109845768          |

| Unit ID No. | SOP Index No. | D-Series Fuel Type | D-Series Fuel Type | D-Series Fuel Type | Subpart D | Additional Applicability Requirement | ACF Option SO <sub>2</sub> | ACF Option PM | ACF Option NO <sub>x</sub> |
|-------------|---------------|--------------------|--------------------|--------------------|-----------|--------------------------------------|----------------------------|---------------|----------------------------|
| PKGBOIL1    | 60Db-2        | NG                 |                    |                    |           | NONE                                 | OTHR                       | OTHR          | OTHR                       |
| PKGBOIL2    | 60Db-2        | NG                 |                    |                    |           | NONE                                 | OTHR                       | OTHR          | OTHR                       |
| PKGBOIL3    | 60Db-2        | NG                 |                    |                    |           | NONE                                 | OTHR                       | OTHR          | OTHR                       |

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. |
|-----------|------------|----------------------|
| 8/25/2025 | 04161      | RN109845768          |

| Unit ID No. | SOP Index No. | 60.42b (k)(2) Low Sulfur Exemption | 60.42b(k)(4) Alternative | Post-Combustion Control | 60.43b (h)(2) Alternative | Electrical or Mechanical Output | Output Based Limit | 60.49 Da(n) Alternative | 60.49 Da(m) Alternative |
|-------------|---------------|------------------------------------|--------------------------|-------------------------|---------------------------|---------------------------------|--------------------|-------------------------|-------------------------|
| PKGBOIL1    | 60Db-2        | YES                                |                          |                         |                           | NO                              |                    |                         |                         |
| PKGBOIL2    | 60Db-2        | YES                                |                          |                         |                           | NO                              |                    |                         |                         |
| PKGBOIL3    | 60Db-2        | YES                                |                          |                         |                           | 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. |
|-----------|------------|----------------------|
| 8/25/2025 | 04161      | RN109845768          |

| Unit ID No. | SOP Index No. | Residual Oil Sampling | Monitoring Type PM | Monitoring Type PM (Opacity) | Monitoring Type NO <sub>x</sub> | Monitoring Type SO <sub>2</sub> | Technology Type | Unit Type | Heat Release Rate | Heat Input Gas/Oil | Heat Input Wood | Fuel Heat Input |
|-------------|---------------|-----------------------|--------------------|------------------------------|---------------------------------|---------------------------------|-----------------|-----------|-------------------|--------------------|-----------------|-----------------|
| PKGBOIL1    | 60Db-2        |                       | NONE               | NONE                         | CEM                             | FLCRT                           | NONE            | OTHER     | NGHIGH            |                    |                 |                 |
| PKGBOIL2    | 60Db-2        |                       | NONE               | NONE                         | CEM                             | FLCRT                           | NONE            | OTHER     | NGHIGH            |                    |                 |                 |
| PKGBOIL3    | 60Db-2        |                       | NONE               | NONE                         | CEM                             | FLCRT                           | NONE            | OTHER     | NGHIGH            |                    |                 |                 |

**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. |
|-----------|------------|----------------------|
| 8/25/2025 | 04161      | RN109845768          |

| Unit ID No. | SOP Index No. | Unit Type | MRC     | RACT Date<br>Placed in<br>Service | Functionally<br>Identical<br>Replacement | Fuel<br>Type | Fuel<br>Type | Fuel<br>Type | Annual Heat<br>Input |
|-------------|---------------|-----------|---------|-----------------------------------|------------------------------------------|--------------|--------------|--------------|----------------------|
| PKGB0IL1    | R7100-2       | ICIB      | 100-200 | FCD+                              |                                          |              |              |              |                      |
| PKGB0IL2    | R7100-2       | ICIB      | 100-200 | FCD+                              |                                          |              |              |              |                      |
| PKGB0IL3    | R7100-2       | ICIB      | 100-200 | FCD+                              |                                          |              |              |              |                      |

**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 for Institutional, Commercial, and Industrial Boilers**  
**Texas Commission on Environmental Quality**

| Date      | Permit No. | Regulated Entity No. |
|-----------|------------|----------------------|
| 8/25/2025 | 04161      | RN109845768          |

| Unit ID No. | SOP/GOP Index No. | Commence | Table Applicability | HCl Emission | HCl-CMS |
|-------------|-------------------|----------|---------------------|--------------|---------|
| PKGBOIL1    | 63DDDDD-2         | NEW      | T3.3G1              |              |         |
| PKGBOIL2    | 63DDDDD-2         | NEW      | T3.3G1              |              |         |
| PKGBOIL3    | 63DDDDD-2         | NEW      | T3.3G1              |              |         |

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## New Source Review Authorization Requirements

16. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated January 30, 2025 in the application for project 37614), 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
17. 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.
18. 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).
19. The permit holder shall comply with the following requirements for Air Quality Standard Permits:
  - A. Registration requirements listed in 30 TAC § 116.611, unless otherwise provided for in an Air Quality Standard Permit
  - B. General Conditions listed in 30 TAC § 116.615, unless otherwise provided for in an Air Quality Standard Permit
  - C. Requirements of the non-rule Air Quality Standard Permit for Pollution Control Projects
  - ~~G.D.~~ Boiler Standard Permit

## Compliance Requirements

20. 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.

### Unit Summary

| Unit/Group/<br>Process ID No. | Unit Type                                            | Group/Inclusive<br>Units                               | SOP Index No.           | Regulation                                            | Requirement Driver                         |
|-------------------------------|------------------------------------------------------|--------------------------------------------------------|-------------------------|-------------------------------------------------------|--------------------------------------------|
| BLRFUG                        | FUGITIVE EMISSION<br>UNITS                           | N/A                                                    | R5352-ALL               | 30 TAC Chapter 115, Pet.<br>Refinery & Petrochemicals | No changing attributes.                    |
| <a href="#">BLRFUG</a>        | <a href="#">FUGITIVE EMISSION<br/>UNITS</a>          | <a href="#">N/A</a>                                    | <a href="#">60VVa-1</a> | <a href="#">40 CFR Part 60, Subpart<br/>VVa</a>       | <a href="#">No changing attributes.</a>    |
| <a href="#">BLRFUG</a>        | <a href="#">FUGITIVE EMISSION<br/>UNITS</a>          | <a href="#">N/A</a>                                    | <a href="#">63YY</a>    | <a href="#">40 CFR Part 63, Subpart YY</a>            | <a href="#">No changing attributes.</a>    |
| C-1121                        | STORAGE<br>TANKS/VESSELS                             | N/A                                                    | 61FF-FL                 | 40 CFR Part 61, Subpart FF                            | No changing attributes.                    |
| C-1122                        | STORAGE<br>TANKS/VESSELS                             | N/A                                                    | 61FF-FL                 | 40 CFR Part 61, Subpart FF                            | No changing attributes.                    |
| EMERGEN1                      | SRIC ENGINES                                         | N/A                                                    | 60IIII-1                | 40 CFR Part 60, Subpart IIII                          | No changing attributes.                    |
| EMERGEN1                      | SRIC ENGINES                                         | N/A                                                    | 63ZZZZ-1                | 40 CFR Part 63, Subpart<br>ZZZZ                       | No changing attributes.                    |
| EMERGEN2                      | SRIC ENGINES                                         | N/A                                                    | 60IIII-1                | 40 CFR Part 60, Subpart IIII                          | No changing attributes.                    |
| EMERGEN2                      | SRIC ENGINES                                         | N/A                                                    | 63ZZZZ-1                | 40 CFR Part 63, Subpart<br>ZZZZ                       | No changing attributes.                    |
| GRP-FURNCAP                   | EMISSION<br>POINTS/STATIONARY<br>VENTS/PROCESS VENTS | H-1101, H-1102, H-<br>1103, H-1104, H-<br>1105, H-1106 | R1111-2                 | 30 TAC Chapter 111, Visible<br>Emissions              | No changing attributes.                    |
| GRP-FURNCAP                   | EMISSION<br>POINTS/STATIONARY<br>VENTS/PROCESS VENTS | H-1101, H-1102, H-<br>1103, H-1104, H-<br>1105, H-1106 | 63YY                    | 40 CFR Part 63, Subpart YY                            | No changing attributes.                    |
| GRP-Z5671                     | VOLATILE ORGANIC<br>COMPOUND WATER<br>SEPARATORS     | Z-5671A, Z-5671B                                       | R5131-FL                | 30 TAC Chapter 115, Water<br>Separation               | Control Device ID No. = XF-4601            |
| GRP-Z5671                     | VOLATILE ORGANIC<br>COMPOUND WATER<br>SEPARATORS     | Z-5671A, Z-5671B                                       | R5131-TO                | 30 TAC Chapter 115, Water<br>Separation               | Control Device ID No. = X-3800, X-<br>3900 |

### Unit Summary

| Unit/Group/<br>Process ID No. | Unit Type                                        | Group/Inclusive<br>Units | SOP Index No. | Regulation                                             | Requirement Driver                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------|--------------------------------------------------|--------------------------|---------------|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GRP-Z5671                     | VOLATILE ORGANIC<br>COMPOUND WATER<br>SEPARATORS | Z-5671A, Z-5671B         | 61FF-FL       | 40 CFR Part 61, Subpart FF                             | Control Device Type/Operation =<br>FLARE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| GRP-Z5671                     | VOLATILE ORGANIC<br>COMPOUND WATER<br>SEPARATORS | Z-5671A, Z-5671B         | 61FF-TO       | 40 CFR Part 61, Subpart FF                             | Engineering Calculations =<br>ENGINEERING CALCULATIONS<br>ARE USED TO DEMONSTRATE<br>CONTROL DEVICE<br>PERFORMANCE, Control Device<br>Type/Operation = THERMAL<br>VAPOR INCINERATOR<br>REDUCING ORGANICS BY 95<br>WEIGHT PERCENT OR GREATER                                                                                                                                                                                                                                                                                        |
| LOAD                          | LOADING/UNLOADING<br>OPERATIONS                  | N/A                      | R5211-2       | 30 TAC Chapter 115,<br>Loading and Unloading of<br>VOC | Daily Throughput = Loading less<br>than 20,000 gallons per day.                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| LOAD                          | LOADING/UNLOADING<br>OPERATIONS                  | N/A                      | R5211-3       | 30 TAC Chapter 115,<br>Loading and Unloading of<br>VOC | Vapor Tight = Not all liquid and<br>vapor lines are equipped with fittings<br>which make vapor tight connections<br>that close automatically when<br>disconnected., Daily Throughput =<br>Daily throughput not determined<br>since 30 TAC § 115.217(a)(2)(A) or<br>30 TAC § 115.217(b)(3)(A)<br>exemption is not utilized., Chapter<br>115 Control Device Type = Vapor<br>control system with a carbon<br>adsorption system., Control Options<br>= Vapor control system that<br>maintains a control efficiency of at<br>least 90%. |
| LOAD                          | LOADING/UNLOADING<br>OPERATIONS                  | N/A                      | R5211-4       | 30 TAC Chapter 115,<br>Loading and Unloading of<br>VOC | Vapor Tight = Not all liquid and<br>vapor lines are equipped with fittings<br>which make vapor tight connections                                                                                                                                                                                                                                                                                                                                                                                                                   |

### Unit Summary

| Unit/Group/<br>Process ID No. | Unit Type                                                       | Group/Inclusive<br>Units | SOP Index No.             | Regulation                                    | Requirement Driver                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------|-----------------------------------------------------------------|--------------------------|---------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                               |                                                                 |                          |                           |                                               | <del>that close automatically when disconnected., Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized., Chapter 115 Control Device Type = Control device other than a flare, vapor combustor, catalytic incinerator, direct flame incinerator, chiller, or carbon adsorption system., Control Options = Vapor control system that maintains a control efficiency of at least 90%.</del> |
| <a href="#">PKGBOIL1</a>      | <a href="#">BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS</a> | <a href="#">N/A</a>      | <a href="#">60Db-2</a>    | <a href="#">40 CFR Part 60, Subpart Db</a>    | <a href="#">No changing attributes.</a>                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <a href="#">PKGBOIL1</a>      | <a href="#">BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS</a> | <a href="#">N/A</a>      | <a href="#">63DDDDD-2</a> | <a href="#">40 CFR Part 63, Subpart DDDDD</a> | <a href="#">No changing attributes.</a>                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <a href="#">PKGBOIL2</a>      | <a href="#">BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS</a> | <a href="#">N/A</a>      | <a href="#">60Db-2</a>    | <a href="#">40 CFR Part 60, Subpart Db</a>    | <a href="#">No changing attributes.</a>                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <a href="#">PKGBOIL2</a>      | <a href="#">BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS</a> | <a href="#">N/A</a>      | <a href="#">63DDDDD-2</a> | <a href="#">40 CFR Part 63, Subpart DDDDD</a> | <a href="#">No changing attributes.</a>                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <a href="#">PKGBOIL3</a>      | <a href="#">BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS</a> | <a href="#">N/A</a>      | <a href="#">60Db-2</a>    | <a href="#">40 CFR Part 60, Subpart Db</a>    | <a href="#">No changing attributes.</a>                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <a href="#">PKGBOIL3</a>      | <a href="#">BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS</a> | <a href="#">N/A</a>      | <a href="#">63DDDDD-2</a> | <a href="#">40 CFR Part 63, Subpart DDDDD</a> | <a href="#">No changing attributes.</a>                                                                                                                                                                                                                                                                                                                                                                                                                                       |

### Unit Summary

| Unit/Group/<br>Process ID No. | Unit Type                                             | Group/Inclusive<br>Units | SOP Index No.  | Regulation                                            | Requirement Driver                    |
|-------------------------------|-------------------------------------------------------|--------------------------|----------------|-------------------------------------------------------|---------------------------------------|
| PROPROCESS                    | CHEMICAL<br>MANUFACTURING<br>PROCESS                  | N/A                      | 63YY           | 40 CFR Part 63, Subpart YY                            | No changing attributes.               |
| SCFUG                         | FUGITIVE EMISSION<br>UNITS                            | N/A                      | R5352-ALL      | 30 TAC Chapter 115, Pet.<br>Refinery & Petrochemicals | No changing attributes.               |
| <u>SCFUG</u>                  | <u>FUGITIVE EMISSION<br/>UNITS</u>                    | <u>N/A</u>               | <u>60VVa-1</u> | <u>40 CFR Part 60, Subpart<br/>VVa</u>                | <u>No changing attributes.</u>        |
| SCFUG                         | FUGITIVE EMISSION<br>UNITS                            | N/A                      | 63YY           | 40 CFR Part 63, Subpart YY                            | No changing attributes.               |
| STMBLR                        | BOILERS/STEAM<br>GENERATORS/STEAM<br>GENERATING UNITS | N/A                      | 60Db-1         | 40 CFR Part 60, Subpart Db                            | No changing attributes.               |
| STMBLR                        | BOILERS/STEAM<br>GENERATORS/STEAM<br>GENERATING UNITS | N/A                      | 63DDDDD-1      | 40 CFR Part 63, Subpart<br>DDDDD                      | No changing attributes.               |
| T-1202                        | STORAGE<br>TANKS/VESSELS                              | N/A                      | R5112-2        | 30 TAC Chapter 115,<br>Storage of VOCs                | No changing attributes.               |
| T-1202                        | STORAGE<br>TANKS/VESSELS                              | N/A                      | 60Kb-BACKUPCD  | 40 CFR Part 60, Subpart Kb                            | Control Device Id No. = BACK-UP<br>CD |
| T-1202                        | STORAGE<br>TANKS/VESSELS                              | N/A                      | 60Kb-X3800     | 40 CFR Part 60, Subpart Kb                            | Control Device Id No. = X-3800        |
| T-1210                        | STORAGE<br>TANKS/VESSELS                              | N/A                      | R5112-4        | 30 TAC Chapter 115,<br>Storage of VOCs                | No changing attributes.               |
| T-1221A                       | STORAGE<br>TANKS/VESSELS                              | N/A                      | R5112-2        | 30 TAC Chapter 115,<br>Storage of VOCs                | No changing attributes.               |
| T-1221A                       | STORAGE<br>TANKS/VESSELS                              | N/A                      | 61FF-FL        | 40 CFR Part 61, Subpart FF                            | No changing attributes.               |
| T-1221B                       | STORAGE                                               | N/A                      | R5112-2        | 30 TAC Chapter 115,                                   | No changing attributes.               |

### Unit Summary

| Unit/Group/<br>Process ID No. | Unit Type                                        | Group/Inclusive<br>Units | SOP Index No.           | Regulation                                                               | Requirement Driver                      |
|-------------------------------|--------------------------------------------------|--------------------------|-------------------------|--------------------------------------------------------------------------|-----------------------------------------|
|                               | TANKS/VESSELS                                    |                          |                         | Storage of VOCs                                                          |                                         |
| T-1221B                       | STORAGE<br>TANKS/VESSELS                         | N/A                      | 61FF-FL                 | 40 CFR Part 61, Subpart FF                                               | No changing attributes.                 |
| T-5655                        | STORAGE<br>TANKS/VESSELS                         | N/A                      | R5112-2                 | 30 TAC Chapter 115,<br>Storage of VOCs                                   | No changing attributes.                 |
| T-5655                        | STORAGE<br>TANKS/VESSELS                         | N/A                      | 61FF-FL                 | 40 CFR Part 61, Subpart FF                                               | No changing attributes.                 |
| T-5660                        | STORAGE<br>TANKS/VESSELS                         | N/A                      | R5112-3                 | 30 TAC Chapter 115,<br>Storage of VOCs                                   | No changing attributes.                 |
| T-5660                        | STORAGE<br>TANKS/VESSELS                         | N/A                      | 61FF-FL                 | 40 CFR Part 61, Subpart FF                                               | No changing attributes.                 |
| T-5672                        | STORAGE<br>TANKS/VESSELS                         | N/A                      | R5112-<br>BACKUPCD      | 30 TAC Chapter 115,<br>Storage of VOCs                                   | Control Device Id No. = BACK-UP<br>CD   |
| T-5672                        | STORAGE<br>TANKS/VESSELS                         | N/A                      | R5112-X3800             | 30 TAC Chapter 115,<br>Storage of VOCs                                   | Control Device Id No. = X-3800          |
| T-5672                        | STORAGE<br>TANKS/VESSELS                         | N/A                      | 63YY                    | 40 CFR Part 63, Subpart YY                                               | No changing attributes.                 |
| UNLOAD                        | LOADING/UNLOADING<br>OPERATIONS                  | N/A                      | R5211-1                 | 30 TAC Chapter 115,<br>Loading and Unloading of<br>VOC                   | No changing attributes.                 |
| <a href="#">UNLOAD</a>        | <a href="#">LOADING/UNLOADING<br/>OPERATIONS</a> | <a href="#">N/A</a>      | <a href="#">R5211-2</a> | <a href="#">30 TAC Chapter 115,<br/>Loading and Unloading of<br/>VOC</a> | <a href="#">No changing attributes.</a> |
| V-1123A                       | STORAGE<br>TANKS/VESSELS                         | N/A                      | 61FF-FL                 | 40 CFR Part 61, Subpart FF                                               | No changing attributes.                 |
| V-1123R                       | STORAGE<br>TANKS/VESSELS                         | N/A                      | 61FF-FL                 | 40 CFR Part 61, Subpart FF                                               | No changing attributes.                 |
| V-1215                        | STORAGE                                          | N/A                      | 61FF-FL                 | 40 CFR Part 61, Subpart FF                                               | 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)                                                               |
|---------------------------|-------------------------|---------------|-------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
|                           |                         |               |             |                                                    | § 115.352(2)(C)(i)<br>§ 115.352(2)(C)(ii)<br>§ 115.352(2)(C)(iii)<br>§ 115.352(3)<br>§ 115.352(5)<br>§ 115.352(7)<br>§ 115.357(4)<br>§ 115.357(8) | seal shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.                                                                                                                                                                                                                                |                                                                                              | [G]§ 115.356(3)(C)<br>§ 115.356(5)                                                                          |                                                                                                         |
| BLRFUG                    | EU                      | R5352-ALL     | VOC         | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.357(2)<br>§ 115.352(9)                                                                                                                      | Conservation vents or other devices on atmospheric storage tanks that are actuated either by a vacuum or a pressure of no more than 2.5 psig, pressure relief valves (PRVs) equipped with a rupture disk or venting to a control device, components in continuous vacuum service, and valves that are not externally regulated (i.e. in-line check valves) are exempt from the requirements of this division, except that each PRV equipped with a rupture disk must comply with §115.352(9) and §115.356(3)(C). | None                                                                                         | § 115.356<br>§ 115.356(3)<br>[G]§ 115.356(3)(C)                                                             | None                                                                                                    |
| BLRFUG                    | EU                      | 63YY          | 112(B) HAPS | 40 CFR Part 63, Subpart YY                         | § 63.1103<br>The permit holder shall comply with the applicable limitation, standard and/or equipment                                             | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY                                                                                                                                                                                                                                                                                                                                                                                                                    | The permit holder shall comply with the applicable monitoring and testing requirements of 40 | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY |

### 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)                     |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
|                           |                         |               |           |                                       | <a href="#">specification requirements of 40 CFR Part 63, Subpart YY</a>                                                                                                                                                                                                         |                                                                                                                                                                         | <a href="#">CFR Part 63, Subpart YY</a>                                                                                                   |                                                                                                                                                                                                    |                                                               |
| C-1121                    | EU                      | 61FF-FL       | Benzene   | 40 CFR Part 61, Subpart FF            | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br><a href="#">§ 63.670</a> | The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device. | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |
| C-1122                    | EU                      | 61FF-FL       | Benzene   | 40 CFR Part 61, Subpart FF            | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br><a href="#">§ 63.670</a> | The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device. | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |
| EMERGEN1                  | EU                      | 60III-1       | CO        | 40 CFR Part 60, Subpart IIII          | § 60.4205(b)<br>§ 1042.101<br>§ 60.4202(f)(2)<br>§ 60.4206                                                                                                                                                                                                                       | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a                                                                             | None                                                                                                                                      | None                                                                                                                                                                                               | [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)                     |
|---------------------------|-------------------------|---------------|-----------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
|                           |                         |               |           |                                                  | § 61.349(g)<br><a href="#">§ 63.670</a>                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                  |                                                                                                                                                                                         |                                                                                                                                                                                                                                                                   |                                                               |
| GRP-Z5671                 | EU                      | 61FF-TO       | Benzene   | 40 CFR Part 61, Subpart FF                       | § 61.347(a)(1)<br>§ 61.347(a)(1)(i)(A)<br>§ 61.347(a)(1)(i)(B)<br>§ 61.347(b)<br>§ 61.347(c)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(a)(2)(i)(A)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g) | Install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the oil-water separator to a control device.                                                                                       | § 61.347(a)(1)(i)(A)<br>§ 61.347(b)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(1)<br>[G]§ 61.355(h)                                               | § 61.354(c)<br>§ 61.354(c)(1)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(f)(2)<br>§ 61.356(f)(2)(i)<br>§ 61.356(f)(2)(i)(A)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(4) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(A) |
| LOAD                      | EU                      | R5211-2       | VOC       | 30 TAC Chapter 115, Loading and Unloading of VOC | § 115.217(a)(2)(A)<br>[G]§ 115.212(a)(7)<br>§ 115.214(a)(1)(B)<br>§ 115.214(a)(1)(D)<br>§ 115.214(a)(1)(D)(i)                                                                                                                                                     | Any plant, excluding gasoline bulk plants, which loads less than 20,000 gpd of VOC with a true vapor pressure of 0.5 psia or greater is exempt from the requirements of this division, except for the specified requirements.                    | § 115.214(a)(1)(A)<br>§ 115.214(a)(1)(A)(i)<br>§ 115.215<br>§ 115.215(4)                                                                                                                | § 115.216<br>§ 115.216(2)<br>§ 115.216(3)(B)<br>§ 115.216(3)(D)                                                                                                                                                                                                   | None                                                          |
| LOAD                      | EU                      | R5211-3       | VOC       | 30 TAC Chapter 115, Loading and Unloading of VOC | § 115.212(a)(1)<br>§ 115.212(a)(1)(A)<br>§ 115.212(a)(3)(A)<br>§ 115.212(a)(3)(A)(ii)<br>§ 115.212(a)(3)(B)<br>[G]§ 115.212(a)(3)(C)<br>§ 115.212(a)(3)(E)<br>§ 115.214(a)(1)(B)<br>§ 115.214(a)(1)(C)                                                            | At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors from loading VOC with a true vapor pressure of 0.5 psia or greater must be controlled by one of the methods specified in § 115.212(a)(1)(A)-(C). | § 115.212(a)(3)(B)<br>§ 115.214(a)(1)(A)<br>§ 115.214(a)(1)(A)(i)<br>§ 115.214(a)(1)(A)(ii)<br>§ 115.214(a)(1)(A)(iii)<br>§ 115.215<br>§ 115.215(1)<br>§ 115.215(10)<br>[G]§ 115.215(2) | § 115.216<br>§ 115.216(1)<br>§ 115.216(1)(A)<br>§ 115.216(1)(A)(iii)<br>§ 115.216(2)<br>§ 115.216(3)(A)<br>§ 115.216(3)(A)(i)<br>§ 115.216(3)(A)(ii)<br>§ 115.216(3)(A)(iii)<br>§ 115.216(3)(B)                                                                   | None                                                          |

### Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name            | Emission Limitation, Standard or Equipment Specification Citation                                                                                                                                      | Textual Description (See Special Term and Condition 1.B.)                                                                                                                                                                                                                                                                                                                                          | Monitoring And Testing Requirements                                                                                                                                                                                                                           | Recordkeeping Requirements (30 TAC § 122.144)                                                                                                                           | Reporting Requirements (30 TAC § 122.145)                      |
|---------------------------|-------------------------|---------------|-----------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|                           |                         |               |           |                                                  |                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                    | § 115.215(4)<br>§ 115.215(9)<br>§ 115.216(1)<br>§ 115.216(1)(A)<br>§ 115.216(1)(A)(iii)                                                                                                                                                                       |                                                                                                                                                                         |                                                                |
| LOAD                      | EU                      | R5211-4       | VOC       | 30 TAC Chapter 115, Loading and Unloading of VOC | § 115.212(a)(1)<br>§ 115.212(a)(1)(A)<br>§ 115.212(a)(3)(A)<br>§ 115.212(a)(3)(A)(ii)<br>§ 115.212(a)(3)(B)<br>[G]§ 115.212(a)(3)(C)<br>§ 115.212(a)(3)(E)<br>§ 115.214(a)(1)(B)<br>§ 115.214(a)(1)(C) | At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors from loading VOC with a true vapor pressure of 0.5 psia or greater must be controlled by one of the methods specified in § 115.212(a)(1)(A)-(C).                                                                                                                                                   | § 115.212(a)(3)(B)<br>§ 115.214(a)(1)(A)<br>§ 115.214(a)(1)(A)(i)<br>§ 115.214(a)(1)(A)(ii)<br>§ 115.214(a)(1)(A)(iii)<br>§ 115.215<br>§ 115.215(1)<br>§ 115.215(10)<br>[G]§ 115.215(2)<br>§ 115.215(4)<br>§ 115.215(9)<br>** See Periodic Monitoring Summary | § 115.216<br>§ 115.216(1)<br>§ 115.216(1)(C)<br>§ 115.216(2)<br>§ 115.216(3)(A)<br>§ 115.216(3)(A)(i)<br>§ 115.216(3)(A)(ii)<br>§ 115.216(3)(A)(iii)<br>§ 115.216(3)(B) | None                                                           |
| PKGBOIL1                  | EU                      | 60Db-2        | SO2       | 40 CFR Part 60, Subpart Db                       | § 60.42b(k)(2)                                                                                                                                                                                         | On and after the §60.8 performance test is completed, units constructed, reconstructed, or modified after February 28, 2005, firing only very low sulfur oil, gaseous fuel, a mixture of these fuels, or a mixture of these fuels with any other fuels with a potential SO2 emission rate of 140 ng/J (0.32 lb/MMBtu) heat input or less are exempt from the SO2 emissions limit in §60.42b(k)(1). | § 60.47b(f)                                                                                                                                                                                                                                                   | § 60.45b(k)<br>§ 60.49b(o)<br>§ 60.49b(r)<br>§ 60.49b(r)(1)                                                                                                             | § 60.49b(a)<br>§ 60.49b(a)(1)<br>§ 60.49b(r)<br>§ 60.49b(r)(1) |

### 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)                                                                                                                                                                                                                                                    |
|---------------------------|-------------------------|------------------------|------------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">PKGBOIL1</a>  | <a href="#">EU</a>      | <a href="#">60Db-2</a> | <a href="#">PM</a>           | <a href="#">40 CFR Part 60, Subpart Db</a> | <a href="#">§ 60.40b(a)</a>                                                                                                 | <a href="#">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)).</a> | <a href="#">None</a>                                                                                                                                                                                                                                                                                                                 | <a href="#">[G]§ 60.49b(d)</a><br><a href="#">§ 60.49b(o)</a>                                                                                                    | <a href="#">§ 60.49b(a)</a><br><a href="#">§ 60.49b(a)(1)</a><br><a href="#">§ 60.49b(a)(3)</a>                                                                                                                                                                                              |
| <a href="#">PKGBOIL1</a>  | <a href="#">EU</a>      | <a href="#">60Db-2</a> | <a href="#">PM (Opacity)</a> | <a href="#">40 CFR Part 60, Subpart Db</a> | <a href="#">§ 60.40b(a)</a>                                                                                                 | <a href="#">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)).</a> | <a href="#">None</a>                                                                                                                                                                                                                                                                                                                 | <a href="#">[G]§ 60.49b(d)</a><br><a href="#">§ 60.49b(o)</a>                                                                                                    | <a href="#">§ 60.49b(a)</a><br><a href="#">§ 60.49b(a)(1)</a><br><a href="#">§ 60.49b(a)(3)</a>                                                                                                                                                                                              |
| <a href="#">PKGBOIL1</a>  | <a href="#">EU</a>      | <a href="#">60Db-2</a> | <a href="#">NOX</a>          | <a href="#">40 CFR Part 60, Subpart Db</a> | <a href="#">§ 60.44b(l)(1)</a><br><a href="#">§ 60.44b(h)</a><br><a href="#">§ 60.44b(i)</a><br><a href="#">§ 60.46b(a)</a> | <a href="#">On or after the §60.8 performance test is completed, no facility that commenced construction after 07/09/1997 shall discharge NOx in excess 86 ng/J (0.20 lb/MMBtu) heat input if the facility combusts coal, oil, natural gas or a combination involving these</a>                                                                                     | <a href="#">§ 60.46b(c)</a><br><a href="#">§ 60.46b(e)</a><br><a href="#">§ 60.46b(e)(1)</a><br><a href="#">§ 60.46b(e)(4)</a><br><a href="#">[G]§ 60.48b(b)</a><br><a href="#">§ 60.48b(c)</a><br><a href="#">§ 60.48b(d)</a><br><a href="#">§ 60.48b(e)</a><br><a href="#">[G]§ 60.48b(e)(2)</a><br><a href="#">§ 60.48b(e)(3)</a> | <a href="#">[G]§ 60.48b(b)</a><br><a href="#">§ 60.48b(c)</a><br><a href="#">[G]§ 60.49b(d)</a><br><a href="#">[G]§ 60.49b(g)</a><br><a href="#">§ 60.49b(o)</a> | <a href="#">§ 60.49b(a)</a><br><a href="#">§ 60.49b(a)(1)</a><br><a href="#">§ 60.49b(a)(3)</a><br><a href="#">§ 60.49b(b)</a><br><a href="#">§ 60.49b(h)</a><br><a href="#">§ 60.49b(h)(4)</a><br><a href="#">§ 60.49b(i)</a><br><a href="#">§ 60.49b(v)</a><br><a href="#">§ 60.49b(w)</a> |

### Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No.             | Pollutant                   | State Rule or Federal Regulation Name         | Emission Limitation, Standard or Equipment Specification Citation                                                                                                                                                               | Textual Description (See Special Term and Condition 1.B.)                                                                                                                                                                                                                                                                                                                                                 | Monitoring And Testing Requirements                                                                                                                                                                                                                                                                                                         | Recordkeeping Requirements (30 TAC § 122.144)                                                                                                                                                                                                                      | Reporting Requirements (30 TAC § 122.145)                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------|-------------------------|---------------------------|-----------------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                           |                         |                           |                             |                                               |                                                                                                                                                                                                                                 | <u>fuels unless the facility is subject to and in compliance with a federally enforceable requirement that limits operation an annual capacity factor of 10 percent or less for coal, oil, and natural gas (or any combination of the three).</u>                                                                                                                                                         | <u>§ 60.48b(f)</u><br><u>§ 60.48b(g)(1)</u>                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                |
| <a href="#">PKGBOIL1</a>  | <a href="#">EU</a>      | <a href="#">63DDDDD-2</a> | <a href="#">112(B) HAPs</a> | <a href="#">40 CFR Part 63, Subpart DDDDD</a> | <a href="#">§ 63.7500(a)(1)-Table 3.3</a><br><a href="#">§ 63.7500(a)(1), (a)(3)</a><br><a href="#">§ 63.7505(a)</a><br><a href="#">§ 63.7540(a)</a><br><a href="#">[G]§ 63.7540(a)(10)</a><br><a href="#">§ 63.7540(a)(13)</a> | <u>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.</u>                                                                                                                                                   | <a href="#">§63.7510(g)</a><br><a href="#">§ 63.7515(d)</a><br><a href="#">[G]§ 63.7521(f)</a><br><a href="#">[G]§ 63.7521(g)</a><br><a href="#">§ 63.7521(h)</a><br><a href="#">§ 63.7521(i)</a><br><a href="#">§ 63.7530(g)</a><br><a href="#">§ 63.7540(a)</a><br><a href="#">[G]§ 63.7540(a)(10)</a><br><a href="#">[G]§ 63.7540(c)</a> | <a href="#">§ 63.7555(a)</a><br><a href="#">§ 63.7555(a)(1)</a><br><a href="#">§ 63.7555(a)(2)</a><br><a href="#">§ 63.7555(g)</a><br><a href="#">§ 63.7555(h)</a><br><a href="#">§ 63.7560(a)</a><br><a href="#">§ 63.7560(b)</a><br><a href="#">§ 63.7560(c)</a> | <a href="#">[G]§ 63.7521(g)</a><br><a href="#">§ 63.7530(e)</a><br><a href="#">§ 63.7530(f)</a><br><a href="#">§ 63.7545(a)</a><br><a href="#">§ 63.7545(b)</a><br><a href="#">§ 63.7545(c)</a><br><a href="#">[G]§ 63.7545(e)</a><br><a href="#">[G]§ 63.7545(f)</a><br><a href="#">§ 63.7550(a)</a><br><a href="#">[G]§ 63.7550(b)</a><br><a href="#">[G]§ 63.7550(c)</a><br><a href="#">[G]§ 63.7550(h)</a> |
| <a href="#">PKGBOIL2</a>  | <a href="#">EU</a>      | <a href="#">60Db-2</a>    | <a href="#">SO2</a>         | <a href="#">40 CFR Part 60, Subpart Db</a>    | <a href="#">§ 60.42b(k)(2)</a>                                                                                                                                                                                                  | <u>On and after the §60.8 performance test is completed, units constructed, reconstructed, or modified after February 28, 2005, firing only very low sulfur oil, gaseous fuel, a mixture of these fuels, or a mixture of these fuels with any other fuels with a potential SO2 emission rate of 140 ng/J (0.32 lb/MMBtu) heat input or less are exempt from the SO2 emissions limit in §60.42b(k)(1).</u> | <a href="#">§ 60.47b(f)</a>                                                                                                                                                                                                                                                                                                                 | <a href="#">§ 60.45b(k)</a><br><a href="#">§ 60.49b(o)</a><br><a href="#">§ 60.49b(r)</a><br><a href="#">§ 60.49b(r)(1)</a>                                                                                                                                        | <a href="#">§ 60.49b(a)</a><br><a href="#">§ 60.49b(a)(1)</a><br><a href="#">§ 60.49b(r)</a><br><a href="#">§ 60.49b(r)(1)</a>                                                                                                                                                                                                                                                                                 |
| <a href="#">PKGBOIL2</a>  | <a href="#">EU</a>      | <a href="#">60Db-2</a>    | <a href="#">PM</a>          | <a href="#">40 CFR Part 60,</a>               | <a href="#">§ 60.40b(a)</a>                                                                                                                                                                                                     | <u>The affected facility to which</u>                                                                                                                                                                                                                                                                                                                                                                     | <u>None</u>                                                                                                                                                                                                                                                                                                                                 | <a href="#">[G]§ 60.49b(d)</a>                                                                                                                                                                                                                                     | <a href="#">§ 60.49b(a)</a>                                                                                                                                                                                                                                                                                                                                                                                    |

### Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No.          | Pollutant                    | State Rule or Federal Regulation Name      | Emission Limitation, Standard or Equipment Specification Citation                                                           | Textual Description (See Special Term and Condition 1.B.)                                                                                                                                                                                                                                                                                                           | Monitoring And Testing Requirements                                                                                                                                                                                                                                                                                                                                 | Recordkeeping Requirements (30 TAC § 122.144)                                                                                                                    | Reporting Requirements (30 TAC § 122.145)                                                                                                                                                                                                                                                    |
|---------------------------|-------------------------|------------------------|------------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                           |                         |                        |                              | <a href="#">Subpart Db</a>                 |                                                                                                                             | <a href="#">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)).</a>                                |                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">§ 60.49b(o)</a>                                                                                                                                      | <a href="#">§ 60.49b(a)(1)</a><br><a href="#">§ 60.49b(a)(3)</a>                                                                                                                                                                                                                             |
| <a href="#">PKGBOIL2</a>  | <a href="#">EU</a>      | <a href="#">60Db-2</a> | <a href="#">PM (Opacity)</a> | <a href="#">40 CFR Part 60, Subpart Db</a> | <a href="#">§ 60.40b(a)</a>                                                                                                 | <a href="#">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)).</a> | <a href="#">None</a>                                                                                                                                                                                                                                                                                                                                                | <a href="#">[G]§ 60.49b(d)</a><br><a href="#">§ 60.49b(o)</a>                                                                                                    | <a href="#">§ 60.49b(a)</a><br><a href="#">§ 60.49b(a)(1)</a><br><a href="#">§ 60.49b(a)(3)</a>                                                                                                                                                                                              |
| <a href="#">PKGBOIL2</a>  | <a href="#">EU</a>      | <a href="#">60Db-2</a> | <a href="#">NOX</a>          | <a href="#">40 CFR Part 60, Subpart Db</a> | <a href="#">§ 60.44b(l)(1)</a><br><a href="#">§ 60.44b(h)</a><br><a href="#">§ 60.44b(i)</a><br><a href="#">§ 60.46b(a)</a> | <a href="#">On or after the §60.8 performance test is completed, no facility that commenced construction after 07/09/1997 shall discharge NOx in excess 86 ng/J (0.20 lb/MMBtu) heat input if the facility combusts coal, oil, natural gas or a combination involving these fuels unless the facility is</a>                                                        | <a href="#">§ 60.46b(c)</a><br><a href="#">§ 60.46b(e)</a><br><a href="#">§ 60.46b(e)(1)</a><br><a href="#">§ 60.46b(e)(4)</a><br><a href="#">[G]§ 60.48b(b)</a><br><a href="#">§ 60.48b(c)</a><br><a href="#">§ 60.48b(d)</a><br><a href="#">§ 60.48b(e)</a><br><a href="#">[G]§ 60.48b(e)(2)</a><br><a href="#">§ 60.48b(e)(3)</a><br><a href="#">§ 60.48b(f)</a> | <a href="#">[G]§ 60.48b(b)</a><br><a href="#">§ 60.48b(c)</a><br><a href="#">[G]§ 60.49b(d)</a><br><a href="#">[G]§ 60.49b(g)</a><br><a href="#">§ 60.49b(o)</a> | <a href="#">§ 60.49b(a)</a><br><a href="#">§ 60.49b(a)(1)</a><br><a href="#">§ 60.49b(a)(3)</a><br><a href="#">§ 60.49b(b)</a><br><a href="#">§ 60.49b(h)</a><br><a href="#">§ 60.49b(h)(4)</a><br><a href="#">§ 60.49b(i)</a><br><a href="#">§ 60.49b(v)</a><br><a href="#">§ 60.49b(w)</a> |

### Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No.             | Pollutant                   | State Rule or Federal Regulation Name         | Emission Limitation, Standard or Equipment Specification Citation                                                                                                                                                               | Textual Description (See Special Term and Condition 1.B.)                                                                                                                                                                                                                                                                                                                                                 | Monitoring And Testing Requirements                                                                                                                                                                                                                                                                                                         | Recordkeeping Requirements (30 TAC § 122.144)                                                                                                                                                                                                                      | Reporting Requirements (30 TAC § 122.145)                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------|-------------------------|---------------------------|-----------------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                           |                         |                           |                             |                                               |                                                                                                                                                                                                                                 | <u>subject to and in compliance with a federally enforceable requirement that limits operation an annual capacity factor of 10 percent or less for coal, oil, and natural gas (or any combination of the three).</u>                                                                                                                                                                                      | <u>§ 60.48b(g)(1)</u>                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                |
| <a href="#">PKGBOIL2</a>  | <a href="#">EU</a>      | <a href="#">63DDDDD-2</a> | <a href="#">112(B) HAPs</a> | <a href="#">40 CFR Part 63, Subpart DDDDD</a> | <a href="#">§ 63.7500(a)(1)-Table 3.3</a><br><a href="#">§ 63.7500(a)(1), (a)(3)</a><br><a href="#">§ 63.7505(a)</a><br><a href="#">§ 63.7540(a)</a><br><a href="#">[G]§ 63.7540(a)(10)</a><br><a href="#">§ 63.7540(a)(13)</a> | <u>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.</u>                                                                                                                                                   | <a href="#">§63.7510(g)</a><br><a href="#">§ 63.7515(d)</a><br><a href="#">[G]§ 63.7521(f)</a><br><a href="#">[G]§ 63.7521(g)</a><br><a href="#">§ 63.7521(h)</a><br><a href="#">§ 63.7521(i)</a><br><a href="#">§ 63.7530(g)</a><br><a href="#">§ 63.7540(a)</a><br><a href="#">[G]§ 63.7540(a)(10)</a><br><a href="#">[G]§ 63.7540(c)</a> | <a href="#">§ 63.7555(a)</a><br><a href="#">§ 63.7555(a)(1)</a><br><a href="#">§ 63.7555(a)(2)</a><br><a href="#">§ 63.7555(g)</a><br><a href="#">§ 63.7555(h)</a><br><a href="#">§ 63.7560(a)</a><br><a href="#">§ 63.7560(b)</a><br><a href="#">§ 63.7560(c)</a> | <a href="#">[G]§ 63.7521(g)</a><br><a href="#">§ 63.7530(e)</a><br><a href="#">§ 63.7530(f)</a><br><a href="#">§ 63.7545(a)</a><br><a href="#">§ 63.7545(b)</a><br><a href="#">§ 63.7545(c)</a><br><a href="#">[G]§ 63.7545(e)</a><br><a href="#">[G]§ 63.7545(f)</a><br><a href="#">§ 63.7550(a)</a><br><a href="#">[G]§ 63.7550(b)</a><br><a href="#">[G]§ 63.7550(c)</a><br><a href="#">[G]§ 63.7550(h)</a> |
| <a href="#">PKGBOIL3</a>  | <a href="#">EU</a>      | <a href="#">60Db-2</a>    | <a href="#">SO2</a>         | <a href="#">40 CFR Part 60, Subpart Db</a>    | <a href="#">§ 60.42b(k)(2)</a>                                                                                                                                                                                                  | <u>On and after the §60.8 performance test is completed, units constructed, reconstructed, or modified after February 28, 2005, firing only very low sulfur oil, gaseous fuel, a mixture of these fuels, or a mixture of these fuels with any other fuels with a potential SO2 emission rate of 140 ng/J (0.32 lb/MMBtu) heat input or less are exempt from the SO2 emissions limit in §60.42b(k)(1).</u> | <a href="#">§ 60.47b(f)</a>                                                                                                                                                                                                                                                                                                                 | <a href="#">§ 60.45b(k)</a><br><a href="#">§ 60.49b(o)</a><br><a href="#">§ 60.49b(r)</a><br><a href="#">§ 60.49b(r)(1)</a>                                                                                                                                        | <a href="#">§ 60.49b(a)</a><br><a href="#">§ 60.49b(a)(1)</a><br><a href="#">§ 60.49b(r)</a><br><a href="#">§ 60.49b(r)(1)</a>                                                                                                                                                                                                                                                                                 |
| <a href="#">PKGBOIL3</a>  | <a href="#">EU</a>      | <a href="#">60Db-2</a>    | <a href="#">PM</a>          | <a href="#">40 CFR Part 60, Subpart Db</a>    | <a href="#">§ 60.40b(a)</a>                                                                                                                                                                                                     | <u>The affected facility to which this subpart applies is each</u>                                                                                                                                                                                                                                                                                                                                        | <a href="#">None</a>                                                                                                                                                                                                                                                                                                                        | <a href="#">[G]§ 60.49b(d)</a><br><a href="#">§ 60.49b(o)</a>                                                                                                                                                                                                      | <a href="#">§ 60.49b(a)</a><br><a href="#">§ 60.49b(a)(1)</a>                                                                                                                                                                                                                                                                                                                                                  |

### Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant           | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation                       | Textual Description (See Special Term and Condition 1.B.)                                                                                                                                                                                                                                                                                                  | Monitoring And Testing Requirements                                                                                                                                                                                                                                                       | Recordkeeping Requirements (30 TAC § 122.144)                                                                       | Reporting Requirements (30 TAC § 122.145)                                                                                                                                                                   |
|---------------------------|-------------------------|---------------|---------------------|---------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                           |                         |               |                     |                                       |                                                                                         | <u>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)).</u>                                                             |                                                                                                                                                                                                                                                                                           |                                                                                                                     | <u>§ 60.49b(a)(3)</u>                                                                                                                                                                                       |
| <u>PKGBOIL3</u>           | <u>EU</u>               | <u>60Db-2</u> | <u>PM (Opacity)</u> | <u>40 CFR Part 60, Subpart Db</u>     | <u>§ 60.40b(a)</u>                                                                      | <u>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)).</u> | <u>None</u>                                                                                                                                                                                                                                                                               | <u>[G]§ 60.49b(d)</u><br><u>§ 60.49b(o)</u>                                                                         | <u>§ 60.49b(a)</u><br><u>§ 60.49b(a)(1)</u><br><u>§ 60.49b(a)(3)</u>                                                                                                                                        |
| <u>PKGBOIL3</u>           | <u>EU</u>               | <u>60Db-2</u> | <u>NOX</u>          | <u>40 CFR Part 60, Subpart Db</u>     | <u>§ 60.44b(l)(1)</u><br><u>§ 60.44b(h)</u><br><u>§ 60.44b(i)</u><br><u>§ 60.46b(a)</u> | <u>On or after the §60.8 performance test is completed, no facility that commenced construction after 07/09/1997 shall discharge NOx in excess 86 ng/J (0.20 lb/MMBtu) heat input if the facility combusts coal, oil, natural gas or a combination involving these fuels unless the facility is subject to and in</u>                                      | <u>§ 60.46b(c)</u><br><u>§ 60.46b(e)</u><br><u>§ 60.46b(e)(1)</u><br><u>§ 60.46b(e)(4)</u><br><u>[G]§ 60.48b(b)</u><br><u>§ 60.48b(c)</u><br><u>§ 60.48b(d)</u><br><u>§ 60.48b(e)</u><br><u>[G]§ 60.48b(e)(2)</u><br><u>§ 60.48b(e)(3)</u><br><u>§ 60.48b(f)</u><br><u>§ 60.48b(g)(1)</u> | <u>[G]§ 60.48b(b)</u><br><u>§ 60.48b(c)</u><br><u>[G]§ 60.49b(d)</u><br><u>[G]§ 60.49b(q)</u><br><u>§ 60.49b(o)</u> | <u>§ 60.49b(a)</u><br><u>§ 60.49b(a)(1)</u><br><u>§ 60.49b(a)(3)</u><br><u>§ 60.49b(b)</u><br><u>§ 60.49b(h)</u><br><u>§ 60.49b(h)(4)</u><br><u>§ 60.49b(i)</u><br><u>§ 60.49b(v)</u><br><u>§ 60.49b(w)</u> |

### 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)                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------|-------------------------|---------------------------|-----------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                           |                         |                           |                             |                                                    |                                                                                                                                                                                                                                 | <u>compliance with a federally enforceable requirement that limits operation an annual capacity factor of 10 percent or less for coal, oil, and natural gas (or any combination of the three).</u>                                                               |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                |
| <a href="#">PKGBOIL3</a>  | <a href="#">EU</a>      | <a href="#">63DDDDD-2</a> | <a href="#">112(B) HAPs</a> | <a href="#">40 CFR Part 63, Subpart DDDDD</a>      | <a href="#">§ 63.7500(a)(1)-Table 3.3</a><br><a href="#">§ 63.7500(a)(1), (a)(3)</a><br><a href="#">§ 63.7505(a)</a><br><a href="#">§ 63.7540(a)</a><br><a href="#">[G]§ 63.7540(a)(10)</a><br><a href="#">§ 63.7540(a)(13)</a> | <a href="#">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.</a> | <a href="#">§63.7510(g)</a><br><a href="#">§ 63.7515(d)</a><br><a href="#">[G]§ 63.7521(f)</a><br><a href="#">[G]§ 63.7521(g)</a><br><a href="#">§ 63.7521(h)</a><br><a href="#">§ 63.7521(i)</a><br><a href="#">§ 63.7530(g)</a><br><a href="#">§ 63.7540(a)</a><br><a href="#">[G]§ 63.7540(a)(10)</a><br><a href="#">[G]§ 63.7540(c)</a> | <a href="#">§ 63.7555(a)</a><br><a href="#">§ 63.7555(a)(1)</a><br><a href="#">§ 63.7555(a)(2)</a><br><a href="#">§ 63.7555(g)</a><br><a href="#">§ 63.7555(h)</a><br><a href="#">§ 63.7560(a)</a><br><a href="#">§ 63.7560(b)</a><br><a href="#">§ 63.7560(c)</a> | <a href="#">[G]§ 63.7521(g)</a><br><a href="#">§ 63.7530(e)</a><br><a href="#">§ 63.7530(f)</a><br><a href="#">§ 63.7545(a)</a><br><a href="#">§ 63.7545(b)</a><br><a href="#">§ 63.7545(c)</a><br><a href="#">[G]§ 63.7545(e)</a><br><a href="#">[G]§ 63.7545(f)</a><br><a href="#">§ 63.7550(a)</a><br><a href="#">[G]§ 63.7550(b)</a><br><a href="#">[G]§ 63.7550(c)</a><br><a href="#">[G]§ 63.7550(h)</a> |
| PROPCE<br>SS              | EU                      | 63YY                      | 112(B)<br>HAPS              | 40 CFR Part 63,<br>Subpart YY                      | § 63.1100<br>The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY                                                                  | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY                                                                                                                                                                    | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY                                                                                                                                                                                                                        | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY                                                                                                                                                        | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY                                                                                                                                                                                                                                                                                                        |
| SCFUG                     | EU                      | R5352-ALL                 | VOC                         | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.357(5)                                                                                                                                                                                                                    | Reciprocating compressors and positive displacement pumps used in natural gas/gasoline processing operations are exempt from the requirements of this division except §115.356(3)(C) of this title.                                                              | None                                                                                                                                                                                                                                                                                                                                        | § 115.356<br>§ 115.356(3)<br>[G]§ 115.356(3)(C)                                                                                                                                                                                                                    | None                                                                                                                                                                                                                                                                                                                                                                                                           |

### Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No.           | Pollutant           | State Rule or Federal Regulation Name              | Emission Limitation, Standard or Equipment Specification Citation                                                                                                                                                                          | Textual Description (See Special Term and Condition 1.B.)                                                                                                                                                                                                                                                                                                                              | Monitoring And Testing Requirements                                                                          | Recordkeeping Requirements (30 TAC § 122.144)                                                                         | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|-------------------------|---------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
|                           |                         |                         |                     |                                                    | § 115.352(2)(C)(iii)<br>§ 115.352(3)<br>§ 115.352(5)<br>§ 115.352(7)<br>§ 115.357(4)<br>§ 115.357(8)                                                                                                                                       | than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.                                                                                                                                                         |                                                                                                              |                                                                                                                       |                                           |
| SCFUG                     | EU                      | R5352-ALL               | VOC                 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(B)<br>§ 115.352(1)<br>§ 115.352(2)<br>§ 115.352(2)(A)<br>§ 115.352(2)(C)<br>§ 115.352(2)(C)(i)<br>§ 115.352(2)(C)(ii)<br>§ 115.352(2)(C)(iii)<br>§ 115.352(3)<br>§ 115.352(5)<br>§ 115.352(7)<br>§ 115.357(1)<br>§ 115.357(8) | No pump seals contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.         | § 115.354(1)<br>§ 115.354(2)<br>§ 115.354(5)<br>§ 115.354(6)<br>§ 115.354(9)<br>[G]§ 115.355<br>§ 115.357(1) | § 115.352(7)<br>§ 115.356<br>[G]§ 115.356(1)<br>[G]§ 115.356(2)<br>§ 115.356(3)<br>[G]§ 115.356(3)(C)<br>§ 115.356(5) | None                                      |
| <a href="#">SCFUG</a>     | <a href="#">EU</a>      | <a href="#">60VVa-1</a> | <a href="#">VOC</a> | <a href="#">40 CFR Part 60, Subpart VVa</a>        | <a href="#">§ 63.1100(g)(4)(iii)</a>                                                                                                                                                                                                       | <a href="#">Beginning no later than the compliance dates specified in § 63.1102(c), for ethylene production affected sources, equipment that must be controlled according to this subpart YY and subpart VVa of 40 CFR part 60 is required only to comply with the equipment leak requirements of this subpart, except the owner or operator must also comply with the calibration</a> | <a href="#">[G]§ 60.485a(b)(2)</a>                                                                           | <a href="#">§ 60.486a(e)(8)(v)</a>                                                                                    | <a href="#">None</a>                      |

### Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant       | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation                                                                                              | Textual Description (See Special Term and Condition 1.B.)                                                                                                                                                                                                                                                                                                                                               | Monitoring And Testing Requirements                                                                                                                                                 | Recordkeeping Requirements (30 TAC § 122.144)                                                               | Reporting Requirements (30 TAC § 122.145)                                                                                  |
|---------------------------|-------------------------|---------------|-----------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
|                           |                         |               |                 |                                       |                                                                                                                                                                | <a href="#">drift assessment requirements specified at 40 CFR 60.485a(b)(2) if they are required to do so in subpart VVa of 40 CFR part 60. When complying with the calibration drift assessment requirements at 40 CFR 60.485a(b)(2), the requirement at 40 CFR 60.486a(e)(8)(v) to record the instrument reading for each scale used applies.</a>                                                     |                                                                                                                                                                                     |                                                                                                             |                                                                                                                            |
| SCFUG                     | EU                      | 63YY          | 112(B) HAPS     | 40 CFR Part 63, Subpart YY            | § 63.1103<br>The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY                                                                                                                                                                                                                                                                                                           | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY                                                                | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY                    |
| STMBLR                    | EU                      | 60Db-1        | NO <sub>x</sub> | 40 CFR Part 60, Subpart Db            | § 60.44b(l)(1)<br>§ 60.44b(h)<br>§ 60.44b(i)<br>§ 60.46b(a)                                                                                                    | On or after the §60.8 performance test is completed, no facility that commenced construction after 07/09/1997 shall discharge NO <sub>x</sub> in excess 86 ng/J (0.20 lb/MMBtu) heat input if the facility combusts coal, oil, natural gas or a combination involving these fuels unless the facility is subject to and in compliance with a federally enforceable requirement that limits operation an | § 60.46b(c)<br>§ 60.46b(e)<br>§ 60.46b(e)(1)<br>§ 60.46b(e)(3)<br>[G]§ 60.48b(b)<br>§ 60.48b(c)<br>§ 60.48b(d)<br>§ 60.48b(e)<br>[G]§ 60.48b(e)(2)<br>§ 60.48b(e)(3)<br>§ 60.48b(f) | [G]§ 60.48b(b)<br>§ 60.48b(c)<br>[G]§ 60.49b(d)<br>[G]§ 60.49b(g)<br>§ 60.49b(o)                            | § 60.49b(a)<br>§ 60.49b(a)(1)<br>§ 60.49b(a)(3)<br>§ 60.49b(b)<br>§ 60.49b(h)<br>§ 60.49b(i)<br>§ 60.49b(v)<br>§ 60.49b(w) |

### 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)                                                               |
|---------------------------|-------------------------|----------------|----------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
|                           |                         |                |                | VOCs                                                    |                                                                                                                                                                                                                                                                    | pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).                                                                                    | § 115.116(a)(1)<br>[G]§ 115.117                                                                                                                           | § 115.118(a)(5)<br>§ 115.118(a)(7)                                                                          |                                                                                                         |
| T-5672                    | EU                      | 63YY           | 112(B)<br>HAPS | 40 CFR Part 63, Subpart YY                              | § 63.1103<br>The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY                                                                                                     | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY                                                                                                               | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY                                      | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY |
| UNLOAD                    | EU                      | R5211-1        | VOC            | 30 TAC Chapter 115, Loading and Unloading of VOC        | § 115.217(a)(1)<br>§ 115.212(a)(2)<br>§ 115.214(a)(1)(B)<br>§ 115.214(a)(1)(D)<br>§ 115.214(a)(1)(D)(i)                                                                                                                                                            | Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified. | § 115.214(a)(1)(A)<br>§ 115.214(a)(1)(A)(i)<br>§ 115.215<br>§ 115.215(4)                                                                                  | § 115.216<br>§ 115.216(2)<br>§ 115.216(3)(B)                                                                | None                                                                                                    |
| <u>UNLOAD</u>             | <u>EU</u>               | <u>R5211-2</u> | <u>VOC</u>     | <u>30 TAC Chapter 115, Loading and Unloading of VOC</u> | <u>§ 115.212(a)(3)</u><br><u>§ 115.212(a)(2)</u><br><u>§ 115.212(a)(3)(A)</u><br><u>§ 115.212(a)(3)(A)(ii)</u><br><u>§ 115.212(a)(3)(B)</u><br><u>[G]§ 115.212(a)(3)(C)</u><br><u>§ 115.212(a)(3)(D)</u><br><u>§ 115.214(a)(1)(B)</u><br><u>§ 115.214(a)(1)(C)</u> |                                                                                                                                                                                                             | <u>§ 115.212(a)(3)(B)</u><br><u>§ 115.214(a)(1)(A)</u><br><u>§ 115.214(a)(1)(A)(i)</u><br><u>§ 115.214(a)(1)(A)(ii)</u><br><u>§ 115.214(a)(1)(A)(iii)</u> | <u>§ 115.216</u><br><u>§ 115.216(3)(A)</u><br><u>§ 115.216(3)(A)(i)</u><br><u>§ 115.216(3)(A)(iii)</u>      | <u>None</u>                                                                                             |
| V-1123A                   | EU                      | 61FF-FL        | Benzene        | 40 CFR Part 61, Subpart FF                              | § 61.343(a)(1)<br>§ 60.18                                                                                                                                                                                                                                          | The owner or operator shall install, operate, and                                                                                                                                                           | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)                                                                                                                       | § 61.354(c)<br>§ 61.354(c)(3)                                                                               | § 61.357(d)(7)<br>§ 61.357(d)(7)(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)                     |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
|                           |                         |               |           |                                       | § 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br><a href="#">§ 63.670</a>                              | maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.                                                   | § 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h)                         | § 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7)                                  | § 61.357(d)(7)(iv)(F)                                         |
| V-1123R                   | EU                      | 61FF-FL       | Benzene   | 40 CFR Part 61, Subpart FF            | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br><a href="#">§ 63.670</a> | The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device. | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |
| V-1215                    | EU                      | 61FF-FL       | Benzene   | 40 CFR Part 61, Subpart FF            | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br><a href="#">§ 63.670</a> | The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device. | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(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)                     |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
|                           |                         |               |           |                                       | § 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br><a href="#">§ 63.670</a>                                                                                                                                                                                             |                                                                                                                                                                         |                                                                                                                                           | § 61.356(j)(3)<br>§ 61.356(j)(7)                                                                                                                                                                   |                                                               |
| V-1222                    | EU                      | 61FF-FL       | Benzene   | 40 CFR Part 61, Subpart FF            | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br><a href="#">§ 63.670</a> | The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device. | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h)                | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |
| V-1223                    | EU                      | 61FF-FL       | Benzene   | 40 CFR Part 61, Subpart FF            | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br><a href="#">§ 63.670</a> | The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device. | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |
| V-1227X                   | EU                      | 61FF-TO       | Benzene   | 40 CFR Part 61, Subpart FF            | § 61.343(a)(1)<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)                                                                                                                                                                                                                   | The owner or operator shall install, operate, and maintain a fixed-roof and                                                                                             | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)                                                                                  | § 61.354(c)<br>§ 61.354(c)(1)<br>§ 61.356(d)                                                                                                                                                       | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(A) |

### Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation                                                                                                                                                                                                                | Textual Description (See Special Term and Condition 1.B.)                                                                                                               | Monitoring And Testing Requirements                                                                                                       | Recordkeeping Requirements (30 TAC § 122.144)                                                                                                                                                      | Reporting Requirements (30 TAC § 122.145)                     |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
|                           |                         |               |           |                                       | § 61.349(f)<br>§ 61.349(g)                                                                                                                                                                                                                                                       |                                                                                                                                                                         |                                                                                                                                           | § 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(4)                                                                                                                                                 |                                                               |
| V-4601                    | EU                      | 61FF-FL       | Benzene   | 40 CFR Part 61, Subpart FF            | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br><a href="#">§ 63.670</a> | The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device. | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |
| V-5651                    | EU                      | R5112-4       | VOC       | 30 TAC Chapter 115, Storage of VOCs   | § 115.111(a)(1)                                                                                                                                                                                                                                                                  | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.             | [G]§ 115.117                                                                                                                              | § 115.118(a)(1)<br>§ 115.118(a)(5)<br>§ 115.118(a)(7)                                                                                                                                              | None                                                          |
| V-5651                    | EU                      | 61FF-FL       | Benzene   | 40 CFR Part 61, Subpart FF            | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)                                            | The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device. | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(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)                     |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
|                           |                         |               |           |                                       | § 61.349(g)<br><a href="#">§ 63.670</a>                                                                                                                                                                                                                                          |                                                                                                                                                                         |                                                                                                                                           |                                                                                                                                                                                                    |                                                               |
| V-5652                    | EU                      | R5112-4       | VOC       | 30 TAC Chapter 115, Storage of VOCs   | § 115.111(a)(1)                                                                                                                                                                                                                                                                  | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.             | [G]§ 115.117                                                                                                                              | § 115.118(a)(1)<br>§ 115.118(a)(5)<br>§ 115.118(a)(7)                                                                                                                                              | None                                                          |
| V-5652                    | EU                      | 61FF-FL       | Benzene   | 40 CFR Part 61, Subpart FF            | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br><a href="#">§ 63.670</a> | The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device. | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |
| V-8601                    | EU                      | 61FF-FL       | Benzene   | 40 CFR Part 61, Subpart FF            | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)                             | The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device. | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(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)                     |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
|                           |                         |               |           |                                       | <a href="#">§ 63.670</a>                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                               |                                                                                                                                           |                                                                                                                                                                                                                                     |                                                               |
| V-8602                    | EU                      | 61FF-FL       | Benzene   | 40 CFR Part 61, Subpart FF            | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br><a href="#">§ 63.670</a> | The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.                                                       | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7)                                  | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |
| X-3800                    | CD                      | 61FF-TO       | Benzene   | 40 CFR Part 61, Subpart FF            | § 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(a)(2)(i)(A)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)                                                                                                                | For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per the requirements specified in this section. | § 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(1)<br>[G]§ 61.355(h)                                        | § 61.354(c)<br>§ 61.354(c)(1)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(f)(2)<br>§ 61.356(f)(2)(i)<br>§ 61.356(f)(2)(i)(A)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(4) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(A) |
| X-3900                    | CD                      | 61FF-TO       | Benzene   | 40 CFR Part 61, Subpart FF            | § 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(a)(2)(i)(A)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)                                                                                                                | For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per the requirements specified in this section. | § 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(1)<br>[G]§ 61.355(h)                                        | § 61.354(c)<br>§ 61.354(c)(1)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(f)(2)<br>§ 61.356(f)(2)(i)<br>§ 61.356(f)(2)(i)(A)<br>§ 61.356(h)<br>§ 61.356(j)                                                                         | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(A) |

### Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation                                                                                                                               | Textual Description (See Special Term and Condition 1.B.)                                                                                                                                                                     | Monitoring And Testing Requirements                                                                | Recordkeeping Requirements (30 TAC § 122.144)                                                                                                                                                | Reporting Requirements (30 TAC § 122.145)                     |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
|                           |                         |               |           |                                       | § 60.18(c)(6)<br>§ 60.18(e)                                                                                                                                                                     |                                                                                                                                                                                                                               | § 60.18(f)(3)<br>§ 60.18(f)(4)                                                                     |                                                                                                                                                                                              |                                                               |
| XF-4601                   | CD                      | 61FF-FLARE    | Benzene   | 40 CFR Part 61, Subpart FF            | § 61.349(a)<br>§ 60.18<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br>§ 61.354(c)<br><a href="#">§ 63.670</a> | For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per the requirements specified in this section. | § 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(f)(2)(i)(D)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |
| XF-4601                   | CD                      | 63A-01        | Opacity   | 40 CFR Part 63, Subpart A             | § 63.11(b)(4)<br>§ 63.11(b)(1)<br>§ 63.11(b)(2)<br>§ 63.11(b)(3)<br>§ 63.11(b)(5)<br>§ 63.11(b)(6)(ii)<br>§ 63.11(b)(7)(i)                                                                      | Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.          | § 63.11(b)(4)<br>§ 63.11(b)(5)<br>§ 63.11(b)(7)(i)<br><b>** See Alternative Requirements</b>       | None                                                                                                                                                                                         | None                                                          |
| XF-4601                   | CD                      | 63A-02        | Opacity   | 40 CFR Part 63, Subpart A             | § 63.11(b)(4)<br>§ 63.11(b)(1)<br>§ 63.11(b)(2)<br>§ 63.11(b)(3)<br>§ 63.11(b)(5)<br>§ 63.11(b)(6)(ii)<br>§ 63.11(b)(7)(iii)                                                                    | Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.          | § 63.11(b)(4)<br>§ 63.11(b)(5)<br>§ 63.11(b)(7)(i)<br><b>** See Alternative Requirements</b>       | None                                                                                                                                                                                         | None                                                          |
| XF-4601                   | CD                      | 63A-03        | Opacity   | 40 CFR Part 63, Subpart A             | § 63.11(b)(4)<br>§ 63.11(b)(1)<br>§ 63.11(b)(2)<br>§ 63.11(b)(3)<br>§ 63.11(b)(5)<br>§ 63.11(b)(6)(ii)                                                                                          | Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test                                                                        | § 63.11(b)(4)<br>§ 63.11(b)(5)<br>§ 63.11(b)(7)(i)<br><b>** See Alternative Requirements</b>       | 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<br>(30 TAC § 122.144)                                                                                                                                                        | Reporting Requirements<br>(30 TAC § 122.145)                                                                                     |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|                           |                         |               |             |                                       | § 63.11(b)(7)(ii)                                                                                                                                                                                                                                                                                                                                                                                                               | Method 22 in App. A of part 60 of this chapter shall be used.                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                         |                                                                                                                                  |
| XF-4601                   | CD                      | 63CC-1        | Opacity     | 40 CFR Part 63, Subpart CC            | § 63.670(c)<br>§ 63.670<br>§ 63.670(b)<br><a href="#">§ 63.670(b)(1)</a><br><a href="#">§ 63.670(b)(2)</a><br>§ 63.670(d)<br><a href="#">§ 63.670(d)(2)</a><br><a href="#">§ 63.670(d)(3)</a><br>§ 63.670(e)<br><a href="#">§ 63.670(e)(2)</a><br>§ 63.670(o)<br>[G]§ 63.670(o)(1)<br>[G]§ 63.670(o)(2)<br>[G]§ 63.670(o)(3)<br>[G]§ 63.670(o)(4)<br>[G]§ 63.670(o)(5)<br>§ 63.670(o)(6)<br>[G]§ 63.670(o)(7)<br>[G]§ 63.671(c) | Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h). | § 63.670(b)<br><a href="#">§ 63.670(b)(2)(i)</a><br><a href="#">§ 63.670(b)(2)(ii)</a><br>§ 63.670(c)<br><a href="#">§ 63.670(d)(2)</a><br><a href="#">§ 63.670(d)(3)</a><br>§ 63.670(e)<br>§ 63.670(g)<br>[G]§ 63.670(h)<br>[G]§ 63.670(i)<br>[G]§ 63.670(j)<br>[G]§ 63.670(k)<br>[G]§ 63.670(l)<br>[G]§ 63.670(m)<br>[G]§ 63.671(a)<br>[G]§ 63.671(b)<br>[G]§ 63.671(c)<br>[G]§ 63.671(d)<br>[G]§ 63.671(e) | <a href="#">§ 63.670(b)(2)(ii)</a><br>[G]§ 63.670(h)<br>[G]§ 63.670(i)<br>[G]§ 63.670(j)<br>[G]§ 63.670(o)(1)<br>[G]§ 63.670(o)(5)<br>§ 63.670(o)(6)<br>§ 63.670(p)<br>[G]§ 63.671(a)<br>[G]§ 63.671(b) | <a href="#">[G]§ 63.670(b)(2)(iii)</a><br>[G]§ 63.670(h)<br>[G]§ 63.670(j)<br>[G]§ 63.670(l)<br>[G]§ 63.670(o)(2)<br>§ 63.670(q) |
| XF4601VENT                | EP                      | R5121-1       | VOC         | 30 TAC Chapter 115, Vent Gas Controls | § 115.123(a)(1)<br>§ 115.910                                                                                                                                                                                                                                                                                                                                                                                                    | Alternate methods of demonstrating and documenting continuous compliance with the applicable control requirements or exemption criteria in this division may be approved by the Executive Director in accordance with §115.910 of this title if emission reduction are demonstrated to be substantially equivalent.                                                                                                                                                           | [G]§ 115.125<br>§ 115.126(2)<br>** See CAM Summary                                                                                                                                                                                                                                                                                                                                                            | § 115.126<br>§ 115.126(2)                                                                                                                                                                               | None                                                                                                                             |
| XF4601VENT                | EU                      | 63YY          | 112(B) HAPS | 40 CFR Part 63, Subpart YY            | § 63.1103<br>The permit holder                                                                                                                                                                                                                                                                                                                                                                                                  | The permit holder shall comply with the applicable                                                                                                                                                                                                                                                                                                                                                                                                                            | The permit holder shall comply with                                                                                                                                                                                                                                                                                                                                                                           | The permit holder shall comply with the                                                                                                                                                                 | The permit holder shall comply with the                                                                                          |

## Periodic Monitoring Summary

| Unit/Group/Process Information                                                                                                                                                                                                                                                                                                               |                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| ID No.: <del>LOAD</del>                                                                                                                                                                                                                                                                                                                      |                                           |
| Control Device ID No.: <del>N/A</del>                                                                                                                                                                                                                                                                                                        | Control Device Type: <del>N/A</del>       |
| Applicable Regulatory Requirement                                                                                                                                                                                                                                                                                                            |                                           |
| Name: <del>30 TAC Chapter 115, Loading and Unloading of VOC</del>                                                                                                                                                                                                                                                                            | SOP Index No.: <del>R5211-4</del>         |
| Pollutant: <del>VOC</del>                                                                                                                                                                                                                                                                                                                    | Main Standard: <del>§ 115.212(a)(1)</del> |
| Monitoring Information                                                                                                                                                                                                                                                                                                                       |                                           |
| Indicator: <del>Outlet Gas Temperature</del>                                                                                                                                                                                                                                                                                                 |                                           |
| Minimum Frequency: <del>once per week</del>                                                                                                                                                                                                                                                                                                  |                                           |
| Averaging Period: <del>N/A</del>                                                                                                                                                                                                                                                                                                             |                                           |
| Deviation Limit: <del>Establish a maximum outlet gas temperature.</del>                                                                                                                                                                                                                                                                      |                                           |
| Periodic Monitoring Text: <del>Measure and record the outlet gas temperature. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data above the deviation limit shall be considered and reported as a deviation.</del> |                                           |

### Periodic Monitoring Summary

| Unit/Group/Process Information                                                                                                                                                                                                                                                                                                         |                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| ID No.: <del>LOAD</del>                                                                                                                                                                                                                                                                                                                |                                           |
| Control Device ID No.: <del>N/A</del>                                                                                                                                                                                                                                                                                                  | Control Device Type: <del>N/A</del>       |
| Applicable Regulatory Requirement                                                                                                                                                                                                                                                                                                      |                                           |
| Name: <del>30 TAC Chapter 115, Loading and Unloading of VOC</del>                                                                                                                                                                                                                                                                      | SOP Index No.: <del>R5211-4</del>         |
| Pollutant: <del>VOC</del>                                                                                                                                                                                                                                                                                                              | Main Standard: <del>§ 115.212(a)(1)</del> |
| Monitoring Information                                                                                                                                                                                                                                                                                                                 |                                           |
| Indicator: <del>Liquid Flow Rate</del>                                                                                                                                                                                                                                                                                                 |                                           |
| Minimum Frequency: <del>once per week</del>                                                                                                                                                                                                                                                                                            |                                           |
| Averaging Period: <del>N/A</del>                                                                                                                                                                                                                                                                                                       |                                           |
| Deviation Limit: <del>Establish a minimum liquid flow rate.</del>                                                                                                                                                                                                                                                                      |                                           |
| Periodic Monitoring Text: <del>Measure and record the liquid flow rate. The monitoring instrumentation shall be maintained, calibrated 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.</del> |                                           |

### 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                                                                                                                  |
|-------------------------------|------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">BLRFUG</a>        | <a href="#">N/A</a>                            | <a href="#">40 CFR Part 60, Subpart VVa</a>      | <a href="#">Equipment not in VOC service with VOC less than 10% by weight.</a>                                                          |
| <a href="#">BLRFUG</a>        | <a href="#">N/A</a>                            | <a href="#">40 CFR Part 63, Subpart YY</a>       | <a href="#">Equipment does not contain or contact organic HAPs.</a>                                                                     |
| EMERGEN1                      | N/A                                            | 30 TAC Chapter 117, Subchapter B                 | The diesel engine is a new unit placed into service after November 15, 1992 and is not considered a functionally identical replacement. |
| EMERGEN2                      | N/A                                            | 30 TAC Chapter 117, Subchapter B                 | The diesel engine is a new unit placed into service after November 15, 1992 and is not considered a functionally identical replacement  |
| GRP-FURNCAP                   | H-1101, H-1102, H-1103, H-1104, H-1105, H-1106 | 30 TAC Chapter 117, Subchapter B                 | The heaters are new units placed into service after November 15, 1992 and is not considered a functionally identical replacement.       |
| GRP-FURNCAP                   | H-1101, H-1102, H-1103, H-1104, H-1105, H-1106 | 40 CFR Part 63, Subpart DDDDD                    | Ethylene cracking furnace covered by 40 CFR Part 63, Subpart YY is not subject to MACT DDDDD.                                           |
| <a href="#">PKGBOIL1</a>      | <a href="#">N/A</a>                            | <a href="#">30 TAC Chapter 117, Subchapter B</a> | <a href="#">Boiler placed into service after November 15, 1992 and is not a functionally identical replacement for existing boiler.</a> |
| <a href="#">PKGBOIL2</a>      | <a href="#">N/A</a>                            | <a href="#">30 TAC Chapter 117, Subchapter B</a> | <a href="#">Boiler placed into service after November 15, 1992 and is not a functionally identical replacement for existing boiler.</a> |
| <a href="#">PKGBOIL3</a>      | <a href="#">N/A</a>                            | <a href="#">30 TAC Chapter 117, Subchapter B</a> | <a href="#">Boiler placed into service after November 15, 1992 and is not a functionally identical replacement for existing boiler.</a> |
| <a href="#">PKGFUGBOIL</a>    | <a href="#">N/A</a>                            | <a href="#">30 TAC Chapter 115, Subchapter D</a> | <a href="#">Fugitive components do not contain VOCs.</a>                                                                                |

### 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                                                                                                  |
|-------------------------------|-------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| SCFUG                         | N/A                     | 40 CFR Part 61, Subpart J                                   | Equipment subject to NESHAPS J and MACT YY is required to comply only with MACT YY.                                     |
| SCFUG                         | N/A                     | 40 CFR Part 61, Subpart V                                   | Equipment subject to NESHAPS V and MACT YY is required to comply only with MACT YY.                                     |
| STMBLR                        | N/A                     | 30 TAC Chapter 117, <a href="#">Commercial Subchapter B</a> | Boiler placed into service after November 15, 1992 and is not a functionally identical replacement for existing boiler. |
| T-1202                        | N/A                     | 40 CFR Part 63, Subpart YY                                  | The maximum true vapor pressure of total organic HAP stored is less than 3.4 kilopascals (kPa).                         |
| T-1210                        | N/A                     | 40 CFR Part 60, Subpart Kb                                  | Storage vessel storing a volatile liquid with a true vapor pressure less than 3.5 kilopascals (kPa).                    |
| T-1210                        | N/A                     | 40 CFR Part 63, Subpart YY                                  | The maximum true vapor pressure of total organic HAP stored is less than 3.4 kilopascals (kPa).                         |
| T-1221A                       | N/A                     | 40 CFR Part 60, Subpart Kb                                  | Storage vessel storing a volatile liquid with a true vapor pressure less than 3.5 kilopascals (kPa).                    |
| T-1221A                       | N/A                     | 40 CFR Part 63, Subpart YY                                  | The maximum true vapor pressure of total organic HAP stored is less than 3.4 kilopascals (kPa).                         |
| T-1221B                       | N/A                     | 40 CFR Part 60, Subpart Kb                                  | Storage vessel storing a volatile liquid with a true vapor pressure less than 3.5 kilopascals (kPa).                    |
| T-1221B                       | N/A                     | 40 CFR Part 63, Subpart YY                                  | The maximum true vapor pressure of total organic HAP stored is less than 3.4 kilopascals                                |

### 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.: GHGPSDTX114M1                                                                                                                                  | Issuance Date: 04/17/2025                 |
| PSD Permit No.: PSDTX1426M1                                                                                                                                    | Issuance Date: 04/17/2025                 |
| 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.: 122353                                                                                                                                      | Issuance Date: 04/17/2025                 |
| Authorization No.: 167321                                                                                                                                      | Issuance Date: 01/04/2022                 |
| <a href="#">Authorization No.: 180479</a>                                                                                                                      | <a href="#">Issuance Date: 07/02/2025</a> |
| Permits By Rule (30 TAC Chapter 106) for the Application Area                                                                                                  |                                           |
| <del>Number: 106.261</del>                                                                                                                                     | <del>Version No./Date: 11/01/2001</del>   |
| Number: 106.261                                                                                                                                                | Version No./Date: 11/01/2003              |
| <del>Number: 106.262</del>                                                                                                                                     | <del>Version No./Date: 11/01/2003</del>   |
| Number: 106.263                                                                                                                                                | Version No./Date: 11/01/2001              |
| Number: 106.472                                                                                                                                                | Version No./Date: 09/04/2000              |
| Number: 106.473                                                                                                                                                | 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**                                                                                                                   |
|---------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| BLRFUG                    | STEAM BOILER FUGITIVES                              | <a href="#">122353</a> , GHGPSDTX114M1, PSDTX1426M1                                                                                                 |
| C-1121                    | BLOWDOWN STRIPPER                                   | 122353, PSDTX1426M1                                                                                                                                 |
| C-1122                    | BLOWDOWN STRIPPER                                   | 122353, PSDTX1426M1                                                                                                                                 |
| EMERGEN1                  | EMERGENCY GENERATOR 1                               | 122353, GHGPSDTX114M1, PSDTX1426M1                                                                                                                  |
| EMERGEN2                  | EMERGENCY GENERATOR 2                               | 122353, GHGPSDTX114M1, PSDTX1426M1                                                                                                                  |
| H-1101                    | CRACKING HEATER H-1101                              | 122353, GHGPSDTX114M1, PSDTX1426M1                                                                                                                  |
| H-1102                    | CRACKING HEATER H-1102                              | 122353, GHGPSDTX114M1, PSDTX1426M1                                                                                                                  |
| H-1103                    | CRACKING HEATER H-1103                              | 122353, GHGPSDTX114M1, PSDTX1426M1                                                                                                                  |
| H-1104                    | CRACKING HEATER H-1104                              | 122353, GHGPSDTX114M1, PSDTX1426M1                                                                                                                  |
| H-1105                    | CRACKING HEATER H-1105                              | 122353, GHGPSDTX114M1, PSDTX1426M1                                                                                                                  |
| H-1106                    | CRACKING HEATER H-1106                              | 122353, GHGPSDTX114M1, PSDTX1426M1                                                                                                                  |
| LOAD                      | SITE LOADING OPERATIONS                             | 122353, PSDTX1426M1, 106.472/09/04/2000, 106.473/09/04/2000                                                                                         |
| <a href="#">PKGBOIL1</a>  | <a href="#">PACKAGED BOILER NO. 1</a>               | <a href="#">180479</a>                                                                                                                              |
| <a href="#">PKGBOIL2</a>  | <a href="#">PACKAGED BOILER NO. 2</a>               | <a href="#">180479</a>                                                                                                                              |
| <a href="#">PKGBOIL3</a>  | <a href="#">PACKAGED BOILER NO. 3</a>               | <a href="#">180479</a>                                                                                                                              |
| <a href="#">PKGBOIL</a>   | <a href="#">PACKAGED BOILERS FUGITIVE EMISSIONS</a> | <a href="#">180479</a>                                                                                                                              |
| PROPROCESS                | PROCESS UNIT                                        | 122353, PSDTX1426M1                                                                                                                                 |
| SCFUG                     | EQUIPMENT LEAK FUGITIVES                            | 122353, GHGPSDTX114M1, PSDTX1426M1, 106.261/11/01/2003 <del>31</del> [168247, <a href="#">180852</a> ], <a href="#">106.262/11/01/2003</a> [180852] |
| STMBLR                    | STEAM BOILER                                        | <a href="#">122353</a> , GHGPSDTX114M1, PSDTX1426M1                                                                                                 |

### 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**                                                                                                     |
|---------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| V-8601                    | QUENCH AREA HYDROCARBON SLOP VESSEL      | 122353, PSDTX1426M1                                                                                                                   |
| V-8602                    | CAUSTIC DRAIN SLOP VESSEL                | 122353, PSDTX1426M1                                                                                                                   |
| X-3800                    | THERMAL OXIDIZER                         | 122353, GHGPSDTX114M1, PSDTX1426M1                                                                                                    |
| X-3900                    | THERMAL OXIDIZER - BACKUP CONTROL DEVICE | 122353, GHGPSDTX114M1, PSDTX1426M1                                                                                                    |
| X3401                     | COOLING TOWER                            | 122353, GHGPSDTX114M1, PSDTX1426M1                                                                                                    |
| X3800VENT                 | THERMAL OXIDIZER PROCESS VENTS           | 122353, PSDTX1426M1                                                                                                                   |
| XF-4601                   | GROUND FLARE                             | 122353, GHGPSDTX114M1, PSDTX1426M1, <a href="#">106.261/11/01/2003 [168247, 180852]</a> , <a href="#">106.262/11/01/2003 [180852]</a> |
| XF4601VENT                | GROUND FLARE PROCESS VENTS               | 122353, PSDTX1426M1                                                                                                                   |
| XT-5672                   | IGF SEPARATOR                            | 122353, PSDTX1426M1                                                                                                                   |
| Z-5671A                   | CPI OIL/WATER SEPARATOR PACKAGE          | 122353, PSDTX1426M1                                                                                                                   |
| Z-5671B                   | CPI OIL/WATER SEPARATOR PACKAGE          | 122353, PSDTX1426M1                                                                                                                   |

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

Major NSR Summary Table

| Permit Number GHGPSDTX114M1 |                     |                              |                |         | Issuance Date: April 17, 2025             |                                           |                                           |
|-----------------------------|---------------------|------------------------------|----------------|---------|-------------------------------------------|-------------------------------------------|-------------------------------------------|
| 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 |
|                             |                     | N <sub>2</sub> O (5)         |                | <0.01   |                                           |                                           |                                           |
|                             |                     | CO <sub>2</sub> e (8)(9)     |                | 27.90   |                                           |                                           |                                           |
|                             |                     | CO <sub>2</sub> e (10)       |                | 28      |                                           |                                           |                                           |
| EMERGEN2                    | Emergency Generator | CO <sub>2</sub> (5)          |                | 27.82   | 12                                        | 12, 22, 23, 24                            | 12                                        |
|                             |                     | CH <sub>4</sub> (5)          |                | <0.01   |                                           |                                           |                                           |
|                             |                     | N <sub>2</sub> O (5)         |                | <0.01   |                                           |                                           |                                           |
|                             |                     | CO <sub>2</sub> e (8)(9)     |                | 27.90   |                                           |                                           |                                           |
|                             |                     | CO <sub>2</sub> e (10)       |                | 28      |                                           |                                           |                                           |
| HDECOKE1                    | Decoke Cyclone 1    | CO <sub>2</sub> (5)          |                | 205.92  | 7                                         | 7, 22, 23, 24                             |                                           |
|                             |                     | CO <sub>2</sub> e (8)(9)(10) |                | 205.92  |                                           |                                           |                                           |
| HDECOKE2                    | Decoke Cyclone 2    | CO <sub>2</sub> (5)          |                | 205.92  | 7                                         | 7, 22, 23, 24                             |                                           |
|                             |                     | CO <sub>2</sub> e (8)(9)(10) |                | 205.92  |                                           |                                           |                                           |
| STMBLR                      | Steam Boiler        | CO <sub>2</sub> (5)          |                | 261,304 | 15                                        | 15, 22, 23, 24                            |                                           |
|                             |                     | CH <sub>4</sub> (5)          |                | 4.92    |                                           |                                           |                                           |

**From:** [Tusar Swami](#)  
**To:** [meredith.youngson@totalenergies.com](mailto:meredith.youngson@totalenergies.com)  
**Cc:** [Eddie Quintanilla](#)  
**Subject:** Working Draft Permit -- FOP O4161/Project 37614, Bayport Polymers LLC/Ethane Cracker - Respond by 8/25  
**Date:** Thursday, August 7, 2025 10:44:00 AM  
**Attachments:** [WDP\\_O4161\\_P37614.docx](#)

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Meredith:

Good morning. I have conducted a technical review of *renewal* application Bayport Polymers LLC/Ethane Cracker. 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 dated January 30<sup>th</sup>, 2025.

Please review the WDP and submit to me any comments you have on the working draft permit by **August 25, 2025**. Following issues came up during the review.

1. Unit ID: LOAD – SOP Index R5211-4, 30 TAC Chapter 115, Loading and Unloading of VOC  
Needs additional periodic monitoring. We have given PM-V-029 and PM-030 for the completion of the draft. This is based on what was given for similar situations. You still need to provide suitable deviation limit. Please note that both PM options go together. For details please check [periodicmon.pdf](#)
2. Please submit the complete OP-SUMR for all unit IDs.
3. OP-REQ1 (XII.H)– Noted a Standard Permit 180479 issued on 7/2/25 – So please update section XII
4. Unit ID EMERGEN1 and EMERGEN 2 – Please update the attribute values for 40 CFR Part 60, Subpart IIII (Table 5c). At least one attribute value AECD is missing. For the completion of the draft, we interpreted it to “NO”.

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

Note that a Certification by Responsible Official (Form OP-CRO1) for any uncertified application information, including application updates supporting the WDP comments, is required. After final review of the WDP, additional changes supported by application updates may require certification. I will advise you of these changes at a later date. Prior to transmittal of the Public Notice/Announcement Authorization Package, a duly signed OP-CRO1 form may be required which includes the specific dates or time-

period of all submitted application documentation that was not previously certified. I will advise you of this requirement prior to sending the Public Notice/Announcement Authorization.

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

Please notify me when these updates have been submitted.

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

Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit. A prompt acknowledgement to this email will be very much appreciated. Thank you for your cooperation.

Sincerely,

*Tusar Swami, P.E.*

**Texas Commission on Environmental Quality**

**OA/APD/Operating Permits Section**

12100 Park 35 Circle, Bldg. C, Austin, TX 78753

Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087

Phone: 512/239-1581 Fax: 512/239-1400

Email: [tusar.swami@tceq.texas.gov](mailto:tusar.swami@tceq.texas.gov)



How are we doing? Fill out our online customer satisfaction survey at [www.tceq.texas.gov/customersurvey](http://www.tceq.texas.gov/customersurvey)

**From:** Tusar Swami  
**Sent:** Friday, March 28, 2025 9:53 AM  
**To:** meredith.youngson@totalenergies.com  
**Cc:** Eddie Quintanilla  
**Subject:** Technical Review -- FOP O4161/Project 37614, Bayport Polymers LLC/Ethane Cracker

Meredith:

Good morning. I have been assigned to the Federal Operating Permit (FOP) initial issuance/renewal/revision application of Permit No. O4161 for Bayport Polymers LLC/Ethane Cracker. This application has been assigned Project No. 37614. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

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

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

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

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

Please notify me when these updates have been submitted.

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

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

*Tusar Swami, P.E.*

**Texas Commission on Environmental Quality**

**OA/APD/Operating Permits Section**

12100 Park 35 Circle, Bldg. C, Austin, TX 78753

Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087

Phone: 512/239-1581 Fax: 512/239-1400

Email: [tusar.swami@tceq.texas.gov](mailto:tusar.swami@tceq.texas.gov)



How are we doing? Fill out our online customer satisfaction survey at [www.tceq.texas.gov/customersurvey](http://www.tceq.texas.gov/customersurvey)

**From:** eNotice TCEQ  
**Sent:** Monday, March 17, 2025 8:52 AM  
**To:** Robert.nichols@senate.texas.gov; christian.manuel@house.texas.gov  
**Subject:** TCEQ Notice - Permit Number O4161  
**Attachments:** 20250317 - Leg Letters O4161\_37614.pdf

This email is being sent to electronically transmit an official document issued by the Office of Air of the Texas Commission on Environmental Quality.

This email is being sent to you because either (a) you filed a document with the Office of the Chief Clerk that made you part of the official mailing list for the above referenced matter, or (b) notice to you is legally required. As authorized by Texas Water Code 5.128, this electronic transmittal is replacing the previous practice of hard copy distribution. Amendments to Texas Government Code 552.137 prompted a change to the agency's privacy policy regarding confidentiality of certain email addresses. The revised privacy policy can be viewed at [http://www.tceq.state.tx.us/help/policies/electronic\\_info\\_policy.html](http://www.tceq.state.tx.us/help/policies/electronic_info_policy.html).

Questions regarding this email may be submitted either by replying directly to this email or by calling Mr. Jesse Chacon, P.E. with the Air Permits Division at (512) 239-5759.

The attached document is provided in an Adobe Acrobat .pdf format. If you cannot display the attachment, you may need to visit the Adobe web site (<http://get.adobe.com/reader>) to download the free Adobe Acrobat Reader software.

Brooke T. Paup, *Chairwoman*  
Bobby Janecka, *Commissioner*  
Catarina R. Gonzales, *Commissioner*  
Kelly Keel, *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

March 17, 2025

THE HONORABLE ROBERT NICHOLS  
TEXAS SENATE  
PO BOX 12068  
AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Renewal Application  
Project Number: 37614  
Permit Number: O4161  
Bayport Polymers LLC  
Ethane Cracker  
Port Arthur, Jefferson County  
Regulated Entity Number: RN109845768  
Customer Reference Number: CN605458397

Dear Senator Nichols:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-93.890277,29.963055&level=13>.

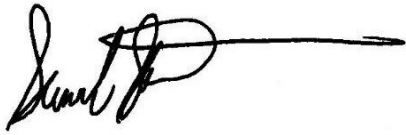
The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment at the site. The FOP identifies and codifies air emission requirements (known as applicable requirements) that apply to the emission units at the site. The FOP does not authorize construction of emission units or emissions from those units. The New Source Review (NSR) permit is the mechanism for these authorizations.

The Honorable Robert Nichols  
Page 2  
March 17, 2025

Re: Accepted Federal Operating Permit Renewal Application

This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,

A handwritten signature in black ink, appearing to read 'Samuel Short', followed by a long horizontal line extending to the right.

Samuel Short, Deputy Director  
Air Permits Division  
Office of Air  
Texas Commission on Environmental Quality

Brooke T. Paup, *Chairwoman*  
Bobby Janecka, *Commissioner*  
Catarina R. Gonzales, *Commissioner*  
Kelly Keel, *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

March 17, 2025

THE HONORABLE CHRISTIAN MANUEL  
TEXAS HOUSE OF REPRESENTATIVES  
PO BOX 2910  
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Renewal Application  
Project Number: 37614  
Permit Number: O4161  
Bayport Polymers LLC  
Ethane Cracker  
Port Arthur, Jefferson County  
Regulated Entity Number: RN109845768  
Customer Reference Number: CN605458397

Dear Representative Manuel:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-93.890277,29.963055&level=13>.

The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment at the site.

This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,

A handwritten signature in black ink, appearing to read "Samuel Short", followed by a long horizontal line.

Samuel Short, Deputy Director  
Air Permits Division  
Office of Air  
Texas Commission on Environmental Quality

## Texas Commission on Environmental Quality

Title V Existing

4161

### Site Information (Regulated Entity)

|                                                                         |                  |
|-------------------------------------------------------------------------|------------------|
| What is the name of the permit area to be authorized?                   | ETHANE CRACKER   |
| Does the site have a physical address?                                  | No               |
| Because there is no physical address, describe how to locate this site: | 7600 32ND ST     |
| City                                                                    | PORT ARTHUR      |
| State                                                                   | TX               |
| ZIP                                                                     | 77642            |
| County                                                                  | JEFFERSON        |
| Latitude (N) (##.#####)                                                 | 29.963055        |
| Longitude (W) (-###.#####)                                              | 93.890277        |
| Primary SIC Code                                                        | 0                |
| Secondary SIC Code                                                      |                  |
| Primary NAICS Code                                                      | 325110           |
| Secondary NAICS Code                                                    |                  |
| Regulated Entity Site Information                                       |                  |
| What is the Regulated Entity's Number (RN)?                             | RN109845768      |
| What is the name of the Regulated Entity (RE)?                          | BAYPORT POLYMERS |
| Does the RE site have a physical address?                               | Yes              |
| Physical Address                                                        |                  |
| Number and Street                                                       | 7600 32ND ST     |
| City                                                                    | PORT ARTHUR      |
| State                                                                   | TX               |
| ZIP                                                                     | 77642            |
| County                                                                  | JEFFERSON        |
| Latitude (N) (##.#####)                                                 | 29.572777        |
| Longitude (W) (-###.#####)                                              | -93.530277       |
| Facility NAICS Code                                                     |                  |
| What is the primary business of this entity?                            |                  |

### Customer (Applicant) Information

|                                                  |                      |
|--------------------------------------------------|----------------------|
| How is this applicant associated with this site? | Owner Operator       |
| What is the applicant's Customer Number (CN)?    | CN605458397          |
| Type of Customer                                 | Corporation          |
| Full legal name of the applicant:                |                      |
| Legal Name                                       | Bayport Polymers LLC |
| Texas SOS Filing Number                          | 802886851            |
| Federal Tax ID                                   |                      |
| State Franchise Tax ID                           | 32065726476          |
| State Sales Tax ID                               |                      |

|                                   |          |
|-----------------------------------|----------|
| Local Tax ID                      |          |
| DUNS Number                       | 37765930 |
| Number of Employees               |          |
| Independently Owned and Operated? |          |

## Responsible Official Contact

Person TCEQ should contact for questions about this application:

|                                                              |                          |
|--------------------------------------------------------------|--------------------------|
| Organization Name                                            | BAYPORT POLYMERS LLC     |
| Prefix                                                       | MR                       |
| First                                                        | JONATAS                  |
| Middle                                                       |                          |
| Last                                                         | MELO                     |
| Suffix                                                       |                          |
| Credentials                                                  |                          |
| Title                                                        | PRESIDENT                |
| Enter new address or copy one from list:                     |                          |
| Mailing Address                                              |                          |
| Address Type                                                 | Domestic                 |
| Mailing Address (include Suite or Bldg. here, if applicable) | 12212 PORT RD            |
| Routing (such as Mail Code, Dept., or Attn:)                 |                          |
| City                                                         | PASADENA                 |
| State                                                        | TX                       |
| ZIP                                                          | 77507                    |
| Phone (###-###-####)                                         | 2814746850               |
| Extension                                                    |                          |
| Alternate Phone (###-###-####)                               |                          |
| Fax (###-###-####)                                           |                          |
| E-mail                                                       | jonatas.melo@batstar.com |

## Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

|                                         |                                                 |
|-----------------------------------------|-------------------------------------------------|
| Organization Name                       | RAPHAEL DUFLOS(TOTALENERGIES P... )             |
| Prefix                                  | TOTALENERGIES PETROCHEMICALS & REFINING USA INC |
| First                                   | MR                                              |
| Middle                                  | RAPHAEL                                         |
| Last                                    | DUFLOS                                          |
| Suffix                                  |                                                 |
| Credentials                             |                                                 |
| Title                                   | VICE PRESIDENT GENERAL MANAGER                  |
| Enter new address or copy one from list |                                                 |
| Mailing Address                         |                                                 |
| Address Type                            | Domestic                                        |

Mailing Address (include Suite or Bldg. here, if applicable)

Routing (such as Mail Code, Dept., or Attn:)

City

State

Zip

Phone (###-###-####)

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

PO BOX 849

PORT ARTHUR

TX

77641

4099850478

raphael.duflos@totalenergies.com

## Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

Organization Name

Prefix

First

Middle

Last

Suffix

Credentials

Title

MEREDITH YOUNGSON(TOTALENERGIES P... )

TOTALENERGIES PETROCHEMICALS & REFINING USA INC

MS

MEREDITH

YOUNGSON

SENIOR ENVIRONMENTAL ENGINEER  
ETHANE CRACKER

Enter new address or copy one from list:

Mailing Address

Address Type

Mailing Address (include Suite or Bldg. here, if applicable)

Routing (such as Mail Code, Dept., or Attn:)

City

State

ZIP

Phone (###-###-####)

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

Domestic

7600 32ND ST

PORT ARTHUR

TX

77642

4099850642

meredith.youngson@totalenergies.com

## Title V General Information - Existing

1) Permit Type:

2) Permit Latitude Coordinate:

3) Permit Longitude Coordinate:

4) Is this submittal a new application or an update to an existing application?

4.1. What type of permitting action are you applying for?

SOP

29 Deg 57 Min 47 Sec

93 Deg 53 Min 25 Sec

New Application

Renewal

|                                                                                                                           |                                |
|---------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| 4.1.1. Are there any permits that should be voided upon issuance of this permit application through permit conversion?    | No                             |
| 4.1.2. Are there any permits that should be voided upon issuance of this permit application through permit consolidation? | No                             |
| 5) 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)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

|           |                                                                                                     |
|-----------|-----------------------------------------------------------------------------------------------------|
| File Name | <a href=/ePermitsExternal/faces/file?fileId=237846>Final ECU SOP O4161 Renewal Application1.pdf</a> |
| Hash      | EB33AA49CF91D5ED68660577744336D095A4285C7321A803F8D999D6EBC68FFA                                    |
| MIME-Type | application/pdf                                                                                     |

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

## Expedite Title V

1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application?

No

## Certification

I certify that I am the 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 Raphael A Duflos, the owner of the STEERS account ER104727.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 4161.
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: Raphael A Duflos OWNER OPERATOR

|                                      |                                                                  |
|--------------------------------------|------------------------------------------------------------------|
| Account Number:                      | ER104727                                                         |
| Signature IP Address:                | 165.225.220.161                                                  |
| Signature Date:                      | 2025-01-30                                                       |
| Signature Hash:                      | E4C8C13CB2EC045F99E8A67B8CEB5CEA7A40E563B6CB9BA5F35489E14B20E42C |
| Form Hash Code at time of Signature: | E4584424B8798D368E76794DFEA4AC9CD439E4946CA245B44534AC59F58025F5 |

## Submission

|                      |                                                               |
|----------------------|---------------------------------------------------------------|
| Reference Number:    | The application reference number is 750896                    |
| Submitted by:        | The application was submitted by ER104727/Raphael A Duflos    |
| Submitted Timestamp: | The application was submitted on 2025-01-30 at 15:55:04 CST   |
| Submitted From:      | The application was submitted from IP address 165.225.220.161 |
| Confirmation Number: | The confirmation number is 624661                             |
| Steers Version:      | The STEERS version is 6.86                                    |
| Permit Number:       | The permit number is 4161                                     |

## Additional Information

Application Creator: This account was created by Heriberto Quintanilla

**RENEWAL APPLICATION**  
**Site Operating Permit No. 04161**



**Bayport Polymers LLC / Ethane Cracker**  
**CN605458397**  
**RN109845768**

**Prepared By:**

Heriberto Quintanilla, P.E. – Consultant

**TRINITY CONSULTANTS**

9737 Great Hills Trail  
Suite 340  
Austin, TX 78759

January 2025



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## 1. PROJECT INFORMATION

---

Bayport Polymers LLC (Bayport) owns the Bayport Polymers Ethane Cracker facility in Jefferson County, Texas. The facility is contractually operated by TotalEnergies Petrochemicals & Refining USA, Inc. Facilities at the site are operated under Site Operating Permit (SOP) O4161. The purpose of this application is to renew the SOP.

As part of this renewal application, the following revisions are being requested:

- ▶ Form OP-PBR SUP is being submitted to include the latest units authorized by PBRs and latest issued PBR registrations.
- ▶ Form OP-REQ1 has been updated to reflect the latest changes to the site-wide terms and conditions. It has also been updated to incorporate the pending issuance date of NSR 122353/GHG PSDTX114M1/PSDTX1426M1. The Major NSR Summary Table will also be updated to include this issuance date.
- ▶ Add new units STMBLR and BLRFUG to the permit.
- ▶ Update the pre-construction authorizations for SCFUG as shown on OP-SUMR.
- ▶ Form OP-UA3, Table 3 for 40 CFR Part 60 Subpart Kb is being submitted since TCEQ has made updates to the form since the last time it was submitted for these units.
- ▶ Add 40 CFR Part 60, Subpart VVa applicable requirements to the fugitive units BLRFUG and SCFUG. Since these units are also subject to 40 CFR Part 63, Subpart YY, the overlap provision in §63.1100(g)(4)(iii) applies. Therefore, a manual build of applicable requirements is provided in the OP-REQ3.
- ▶ Add 40 CFR Part 63, Subpart YY high-level requirements to cooling tower X3401.
- ▶ Add 40 CFR Part 63, Subpart CC requirements to flare unit XF-4601. EPA amended the rule on April 4, 2024 to include specific citations for pressure-assisted flares. The TCEQ flowchart isn't updated yet to account for these citations changes. Therefore, please make the manual build edits as shown in the OP-REQ3.
- ▶ For units subject to 40 CFR Part 61, Subpart FF that use a flare as a control device, please manually add 40 CFR Part 63, Subpart CC requirement § 63.670 to their applicable requirements as provided in the OP-REQ3. The flare is subject to § 63.670 during the high-pressure stages and § 60.18 during low-pressure stages.

Electronic Major NSR Summary Table files using "tracked-changes" to identify the updates in the pending issuance of NSR Permit No. 122353/PSDTX1426M1/GHG PSDTX114M1 will be provided when requested by the permit reviewer.

## 2. ADMINISTRATIVE FORMS

---

This section contains the following forms and information:

- ▶ OP-DEL – Delegation of Responsible Official Information
- ▶ OP-CRO1 – Certification by Responsible Official
- ▶ OP-ACPS – Application Compliance Plant and Schedule
- ▶ OP-1 – Site Information Summary
- ▶ OP-2 – Application for Permit Revision/Renewal
- ▶ OP-SUMR – Individual Unit Summary for Revisions
- ▶ OP-PBRSUP – Permit By Rule Supplemental Table

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

|                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>I. Identifying Information</b>                                                                                                                    |
| Account Number: N/A                                                                                                                                  |
| Regulated Entity Number: RN109845768                                                                                                                 |
| Customer Reference Number: CN605458397                                                                                                               |
| Permit Number: O4161                                                                                                                                 |
| Area Name: Ethane Cracker                                                                                                                            |
| Company Name: Bayport Polymers LLC                                                                                                                   |
| <b>II. Duly Authorized Representative Information</b>                                                                                                |
| Action Type:<br><input type="checkbox"/> New DAR Identification<br><input type="checkbox"/> Administrative Information Change                        |
| Conventional Title:<br><input type="checkbox"/> Mr.<br><input type="checkbox"/> Mrs.<br><input type="checkbox"/> Ms.<br><input type="checkbox"/> Dr. |
| Name (Driver License/STEERS):                                                                                                                        |
| Title:                                                                                                                                               |
| Delegation Effective Date:                                                                                                                           |
| Telephone Number:                                                                                                                                    |
| Fax Number:                                                                                                                                          |
| Company Name:                                                                                                                                        |
| Mailing Address:                                                                                                                                     |
| City:                                                                                                                                                |
| State:                                                                                                                                               |
| ZIP Code:                                                                                                                                            |
| Email Address:                                                                                                                                       |

**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, \_\_\_\_\_

*(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: \_\_\_\_\_

Date: \_\_\_\_\_

Duly Authorized Representative Signature: \_\_\_\_\_

*(Name(s) printed or typed)*

Date: \_\_\_\_\_

**IV. Removal of Duly Authorized Representative(s)**

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

Ryan Riffer

*(Name(s) printed or typed)*

Effective Date: 01/30/2025

Responsible Official Signature:  RAPHAEL DUFL0S

Date: 01/30/2025

**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.

|                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>I. Identifying Information</b>                                                                                                      |
| RN: <b>RN109845768</b>                                                                                                                 |
| CN: <b>CN605458397</b>                                                                                                                 |
| Account No.: <b>N/A</b>                                                                                                                |
| Permit No.: <b>O4161</b>                                                                                                               |
| Project No.: <b>TBD</b>                                                                                                                |
| Area Name: <b>Ethane Cracker</b>                                                                                                       |
| Company Name: <b>Bayport Polymers LLC</b>                                                                                              |
| <b>II. Certification Type</b> <i>(Please mark appropriate box)</i>                                                                     |
| <input type="checkbox"/> Responsible Official Representative <input checked="" type="checkbox"/> Duly Authorized Representative        |
| <b>III. Submittal Type</b> <i>(Please mark appropriate box) (Only one response can be accepted per form)</i>                           |
| <input type="checkbox"/> SOP/TOP Initial Permit Application <input checked="" type="checkbox"/> Permit Revision, Renewal, or Reopening |
| <input type="checkbox"/> GOP Initial Permit Application <input type="checkbox"/> Update to Permit Application                          |
| <input type="checkbox"/> 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.

|                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| <b>IV. Certification of Truth</b>                                                                                                                                                                                                                                                                                                                                                               |  |  |  |
| <b>This certification does not extend to information which is designated by TCEQ as information for reference only.</b>                                                                                                                                                                                                                                                                         |  |  |  |
| I, <u><b>Raphael Duflos</b></u> certify that I am the <u><b>DAR</b></u><br><div style="display: flex; justify-content: space-between;"><span><i>(Certifier Name printed or typed)</i></span><span><i>(RO or DAR)</i></span></div>                                                                                                                                                               |  |  |  |
| and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:<br><i>Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i> |  |  |  |
| Time Period: From _____ to _____<br><div style="display: flex; justify-content: space-between;"><span><i>(Start Date)</i></span><span><i>(End Date)</i></span></div>                                                                                                                                                                                                                            |  |  |  |
| Specific Dates: <u>1/30/2025</u> _____<br><div style="display: flex; justify-content: space-between;"><span><i>(Date 1)</i></span><span><i>(Date 2)</i></span><span><i>(Date 3)</i></span><span><i>(Date 4)</i></span></div>                                                                                                                                                                    |  |  |  |
| _____<br><div style="display: flex; justify-content: space-between;"><span><i>(Date 5)</i></span><span><i>(Date 6)</i></span></div>                                                                                                                                                                                                                                                             |  |  |  |
| Signature:  Signature Date: <u>1/30/2025</u>                                                                                                                                                                                                                                                                 |  |  |  |
| Title: <u>TotalEnergies Vice President - General Manager, Port Arthur Platform</u>                                                                                                                                                                                                                                                                                                              |  |  |  |

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

|                                           |                                          |                                  |
|-------------------------------------------|------------------------------------------|----------------------------------|
| <b>Date:</b> 01/30/2025                   | <b>Regulated Entity No.:</b> RN109845768 | <b>Permit No.:</b> O4161         |
| <b>Company Name:</b> Bayport Polymers LLC |                                          | <b>Area Name:</b> Ethane Cracker |

- Part 1 of this form must be submitted with all initial FOP applications and renewal applications.
- The Responsible Official must use Form OP-CRO1 (Certification by Responsible Official) to certify information contained in this form in accordance with 30 TAC § 122.132(d)(8).

**Part 1**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>A. Compliance Plan — Future Activity Committal Statement</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                     |
| <p>The <i>Responsible Official</i> commits, utilizing reasonable effort, to the following:<br/> As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.</p>                                                                                                                                                                                                                                      |                                                                     |
| <b>B. Compliance Certification - Statement for Units in Compliance*</b><br>(Indicate response by entering an "X" in the appropriate column)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                     |
| <b>1.</b> With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application?                                                                                                                                                                                                                                                                                    | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| <b>2.</b> Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| <b>3.</b> If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. <i>(For reference only)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                     |
| <p><small>* For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status. For General Operating Permits (GOPs), the application documentation, particularly Form OP-REQ1 should be consulted as well as the requirements contained in the appropriate General Permits portion of 30 TAC Chapter 122.</small></p> <p><small>Compliance should be assessed based, at a minimum, on the required monitoring, testing, record keeping, and/or reporting requirements, as appropriate, associated with the applicable requirement in question.</small></p> |                                                                     |

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

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

|                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>I. Company Identifying Information</b>                                                                                                                                                                                                                                                                        |
| A. Company Name: <b>Bayport Polymers LLC</b>                                                                                                                                                                                                                                                                     |
| B. Customer Reference Number (CN): <b>CN605458397</b>                                                                                                                                                                                                                                                            |
| C. Submittal Date (mm/dd/yyyy): <b>01/30/2025</b>                                                                                                                                                                                                                                                                |
| <b>II. Site Information</b>                                                                                                                                                                                                                                                                                      |
| A. Site Name: <b>Bayport Polymers</b>                                                                                                                                                                                                                                                                            |
| B. Regulated Entity Reference Number (RN): <b>RN109845768</b>                                                                                                                                                                                                                                                    |
| C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>                                                                                                                                                                                                     |
| <input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A                                                                                                  |
| D. Indicate all pollutants for which the site is a major source based on the site's potential to emit:<br><i>(Check the appropriate box[es].)</i>                                                                                                                                                                |
| <input checked="" type="checkbox"/> VOC <input checked="" type="checkbox"/> NO <sub>x</sub> <input checked="" type="checkbox"/> SO <sub>2</sub> <input checked="" type="checkbox"/> PM <sub>10</sub> <input checked="" type="checkbox"/> CO <input type="checkbox"/> Pb <input checked="" type="checkbox"/> HAPS |
| Other:                                                                                                                                                                                                                                                                                                           |
| E. Is the site a non-major source subject to the Federal Operating Permit Program? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span>                                                                                                                        |
| F. Is the site within a local program area jurisdiction? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span>                                                                                                                                                  |
| G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span>                                                                                                                         |
| H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:                                                                                                                                                                                                                                     |
| <b>III. Permit Type</b>                                                                                                                                                                                                                                                                                          |
| A. Type of Permit Requested: <i>(Select only one response)</i>                                                                                                                                                                                                                                                   |
| <input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)                                                                                                                                |

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

|                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>IV. Initial Application Information</b> <i>(Complete for Initial Issuance Applications Only.)</i>                                                                                                                                                         |
| <b>A.</b> Is this submittal an abbreviated or a full application? <span style="float: right;"><input type="checkbox"/> Abbreviated <input type="checkbox"/> Full</span>                                                                                      |
| <b>B.</b> If this is a full application, is the submittal a follow-up to an abbreviated application? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span>                                                             |
| <b>C.</b> If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span>                                             |
| <b>D.</b> Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span> |
| <b>E.</b> Has the required Public Involvement Plan been included with this application? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span>                                                                          |
| <b>V. Confidential Information</b>                                                                                                                                                                                                                           |
| <b>A.</b> Is confidential information submitted in conjunction with this application? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span>                                                                 |
| <b>VI. Responsible Official (RO) Identifying Information</b>                                                                                                                                                                                                 |
| RO Name Prefix: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)                                                                                                           |
| RO Full Name: <b>Jonatas Melo</b>                                                                                                                                                                                                                            |
| RO Title: <b>President</b>                                                                                                                                                                                                                                   |
| Employer Name: <b>Bayport Polymers LLC</b>                                                                                                                                                                                                                   |
| Mailing Address: <b>12212 Port Rd</b>                                                                                                                                                                                                                        |
| City: <b>Pasadena</b>                                                                                                                                                                                                                                        |
| State: <b>Texas</b>                                                                                                                                                                                                                                          |
| ZIP Code: <b>77507</b>                                                                                                                                                                                                                                       |
| Territory:                                                                                                                                                                                                                                                   |
| Country:                                                                                                                                                                                                                                                     |
| Foreign Postal Code:                                                                                                                                                                                                                                         |
| Internal Mail Code:                                                                                                                                                                                                                                          |
| Telephone No.: <b>281-474-6850</b>                                                                                                                                                                                                                           |
| Fax No.:                                                                                                                                                                                                                                                     |
| Email: <b>jonatas.melo@baystar.com</b>                                                                                                                                                                                                                       |

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

|                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>VII. Technical Contact Identifying Information</b> <i>(Complete if different from RO.)</i>                                                                                                                                                     |
| Technical Contact Name Prefix: ( <input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.)                                                                                 |
| Technical Contact Full Name: <b>Meredith Youngson</b>                                                                                                                                                                                             |
| Technical Contact Title: <b>Senior Environmental Engineer Ethane Cracker</b>                                                                                                                                                                      |
| Employer Name: <b>TotalEnergies Petrochemicals &amp; Refining USA Inc</b>                                                                                                                                                                         |
| Mailing Address: <b>7600 32<sup>nd</sup> St</b>                                                                                                                                                                                                   |
| City: <b>Port Arthur</b>                                                                                                                                                                                                                          |
| State: <b>Texas</b>                                                                                                                                                                                                                               |
| ZIP Code: <b>77642</b>                                                                                                                                                                                                                            |
| Territory:                                                                                                                                                                                                                                        |
| Country:                                                                                                                                                                                                                                          |
| Foreign Postal Code:                                                                                                                                                                                                                              |
| Internal Mail Code:                                                                                                                                                                                                                               |
| Telephone No.: <b>409-985-0642</b>                                                                                                                                                                                                                |
| Fax No.:                                                                                                                                                                                                                                          |
| Email: <b>meredith.youngson@totalenergies.com</b>                                                                                                                                                                                                 |
| <b>VIII. Reference Only Requirements</b> <i>(For reference only.)</i>                                                                                                                                                                             |
| <b>A.</b> State Senator: <b>Robert Nichols, District 3</b>                                                                                                                                                                                        |
| <b>B.</b> State Representative: <b>Christian Manuel, District 22</b>                                                                                                                                                                              |
| <b>C.</b> Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <span style="float: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</span> |
| <b>D.</b> Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <span style="float: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</span>                                               |
| <b>E.</b> Indicate the alternate language(s) in which public notice is required: <b>Spanish</b>                                                                                                                                                   |

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

|                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>IX. Off-Site Permit Request</b><br><i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>                 |
| <b>A.</b> Office/Facility Name:                                                                                                                        |
| <b>B.</b> Physical Address:                                                                                                                            |
| City:                                                                                                                                                  |
| State:                                                                                                                                                 |
| ZIP Code:                                                                                                                                              |
| Territory:                                                                                                                                             |
| Country:                                                                                                                                               |
| Foreign Postal Code:                                                                                                                                   |
| <b>C.</b> Physical Location:                                                                                                                           |
|                                                                                                                                                        |
|                                                                                                                                                        |
|                                                                                                                                                        |
| <b>D.</b> Contact Name Prefix: ( <input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) |
| Contact Full Name:                                                                                                                                     |
| <b>E.</b> Telephone No.:                                                                                                                               |
| <b>X. Application Area Information</b>                                                                                                                 |
| <b>A.</b> Area Name: <b>Ethane Cracker</b>                                                                                                             |
| <b>B.</b> Physical Address: <b>7600 32<sup>nd</sup> Street</b>                                                                                         |
| City: <b>Port Arthur</b>                                                                                                                               |
| State: <b>Texas</b>                                                                                                                                    |
| ZIP Code: <b>77642</b>                                                                                                                                 |
| <b>C.</b> Physical Location:                                                                                                                           |
|                                                                                                                                                        |
|                                                                                                                                                        |
|                                                                                                                                                        |
| <b>D.</b> Nearest City:                                                                                                                                |
| <b>E.</b> State:                                                                                                                                       |
| <b>F.</b> ZIP Code:                                                                                                                                    |

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

|                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>X. Application Area Information (continued)</b>                                                                                                                                                                                                                             |
| <b>G.</b> Latitude (nearest second): <b>29° 57' 47"</b>                                                                                                                                                                                                                        |
| <b>H.</b> Longitude (nearest second): <b>93° 53' 25"</b>                                                                                                                                                                                                                       |
| <b>I.</b> Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span> |
| <b>J.</b> Indicate the estimated number of emission units in the application area: <b>44</b>                                                                                                                                                                                   |
| <b>K.</b> Are there any emission units in the application area subject to the Acid Rain Program? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span>                                                                        |
| <b>L.</b> Affected Source Plant Code (or ORIS/Facility Code):                                                                                                                                                                                                                  |
| <b>XI. Public Notice</b><br>(Complete this section for SOP Applications and Acid Rain Permit Applications only.)                                                                                                                                                               |
| <b>A.</b> Name of a public place to view application and draft permit: <b>Port Arthur Public Library</b>                                                                                                                                                                       |
| <b>B.</b> Physical Address: <b>4615 9<sup>th</sup> Avenue</b>                                                                                                                                                                                                                  |
| City: <b>Port Arthur</b>                                                                                                                                                                                                                                                       |
| ZIP Code: <b>77642</b>                                                                                                                                                                                                                                                         |
| <b>C.</b> Contact Person (Someone who will answer questions from the public during the public notice period):                                                                                                                                                                  |
| Contact Name Prefix: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):                                                                                                                       |
| Contact Person Full Name: <b>Sam Breaux</b>                                                                                                                                                                                                                                    |
| Contact Mailing Address: <b>PO Box 849</b>                                                                                                                                                                                                                                     |
| City: <b>Port Arthur</b>                                                                                                                                                                                                                                                       |
| State: <b>Texas</b>                                                                                                                                                                                                                                                            |
| ZIP Code: <b>77641</b>                                                                                                                                                                                                                                                         |
| Territory:                                                                                                                                                                                                                                                                     |
| Country:                                                                                                                                                                                                                                                                       |
| Foreign Postal Code:                                                                                                                                                                                                                                                           |
| Internal Mail Code:                                                                                                                                                                                                                                                            |
| Telephone No.: <b>409-985-0668</b>                                                                                                                                                                                                                                             |

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

**XII. Delinquent Fees and Penalties**

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

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

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

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

DR Full Name:

DR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

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

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

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

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

ADR Full Name:

ADR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

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

|                                                                                                                                                                                                                                      |                                                                                                        |   |                 |   |                 |   |                  |   |    |   |     |   |      |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---|-----------------|---|-----------------|---|------------------|---|----|---|-----|---|------|-----|
| Date:                                                                                                                                                                                                                                | 01/30/2025                                                                                             |   |                 |   |                 |   |                  |   |    |   |     |   |      |     |
| Permit No.:                                                                                                                                                                                                                          | 04161                                                                                                  |   |                 |   |                 |   |                  |   |    |   |     |   |      |     |
| Regulated Entity No.:                                                                                                                                                                                                                | RN109845768                                                                                            |   |                 |   |                 |   |                  |   |    |   |     |   |      |     |
| Company Name:                                                                                                                                                                                                                        | Bayport Polymers LLC                                                                                   |   |                 |   |                 |   |                  |   |    |   |     |   |      |     |
| For Submissions to EPA                                                                                                                                                                                                               |                                                                                                        |   |                 |   |                 |   |                  |   |    |   |     |   |      |     |
| Has an electronic copy of this application been submitted (or is being submitted) to EPA?                                                                                                                                            |                                                                                                        |   |                 |   |                 |   |                  |   |    | X | YES |   | NO   |     |
| <b>I. Application Type</b>                                                                                                                                                                                                           |                                                                                                        |   |                 |   |                 |   |                  |   |    |   |     |   |      |     |
| Indicate the type of application:                                                                                                                                                                                                    |                                                                                                        |   |                 |   |                 |   |                  |   |    |   |     |   |      |     |
| X                                                                                                                                                                                                                                    | 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                                                                                  |   |                 |   |                 |   |                  |   |    |   |     |   |      |     |
| <b>II. Qualification Statement</b>                                                                                                                                                                                                   |                                                                                                        |   |                 |   |                 |   |                  |   |    |   |     |   |      |     |
| For SOP Revisions Only                                                                                                                                                                                                               |                                                                                                        |   |                 |   |                 |   |                  |   |    |   | YES |   | NO   |     |
| For GOP Revisions Only                                                                                                                                                                                                               |                                                                                                        |   |                 |   |                 |   |                  |   |    |   | YES |   | NO   |     |
| <b>III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)</b>                                                                                          |                                                                                                        |   |                 |   |                 |   |                  |   |    |   |     |   |      |     |
| Indicate all pollutants for which the site is a major source based on the site's potential to emit:                                                                                                                                  |                                                                                                        |   |                 |   |                 |   |                  |   |    |   |     |   |      |     |
| <i>(Check the appropriate box[es].)</i>                                                                                                                                                                                              |                                                                                                        |   |                 |   |                 |   |                  |   |    |   |     |   |      |     |
| X                                                                                                                                                                                                                                    | VOC                                                                                                    | X | NO <sub>x</sub> | X | SO <sub>2</sub> | X | PM <sub>10</sub> | X | CO |   | Pb  | X | HAPs |     |
| Other:                                                                                                                                                                                                                               |                                                                                                        |   |                 |   |                 |   |                  |   |    |   |     |   |      |     |
| <b>IV. Reference Only Requirements (For reference only)</b>                                                                                                                                                                          |                                                                                                        |   |                 |   |                 |   |                  |   |    |   |     |   |      |     |
| Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)?                                                                                                                              |                                                                                                        |   |                 |   |                 |   |                  |   |    | X | YES |   | NO   | N/A |
| <b>V. Delinquent Fees and Penalties</b>                                                                                                                                                                                              |                                                                                                        |   |                 |   |                 |   |                  |   |    |   |     |   |      |     |
| Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol. |                                                                                                        |   |                 |   |                 |   |                  |   |    |   |     |   |      |     |

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

|                       |                      |
|-----------------------|----------------------|
| Date:                 | 01/30/2025           |
| Permit No.:           | 04161                |
| Regulated Entity No.: | RN109845768          |
| Company Name:         | Bayport Polymers 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                 | T-1202        | OP-UA3          | 122353, PSDTX1426M1, GHGPSDTX114M1                              | Form OP-UA3, Table 3 for 40 CFR Part 60 Subpart Kb is being submitted since TCEQ has made updates to the form since the last time it was submitted for these units.                                                                                                                                                   |
| 2            | MS-C          | N/A                | N/A           | OP-PBRSUP       | N/A                                                             | Form OP-PBRSUP is being submitted to include the latest units authorized by PBRs and latest issued PBR registrations.                                                                                                                                                                                                 |
| 3            | MS-C          | N/A                | N/A           | OP-REQ1         | N/A                                                             | Form OP-REQ1 has been updated to reflect the latest changes to the site-wide terms and conditions.                                                                                                                                                                                                                    |
| 4            | SIG-E         | N/A                | N/A           | OP-REQ1         | 122353, PSDTX1426M1, GHGPSDTX114M1                              | Form OP-REQ1 has been updated to incorporate the pending issuance date of NSR 122353/GHGPSDTX114M1/PSDTX1426M1. The Major NSR Summary Table will also be updated to include this issuance date.                                                                                                                       |
| 5            | SIG-E         | Yes                | STMBLR        | OP-UA6, OP-REQ2 | 122353, PSDTX1426M1, GHGPSDTX114M1                              | Add new boiler unit to the permit.                                                                                                                                                                                                                                                                                    |
| 6            | SIG-E         | Yes                | BLRFUG        | OP-UA1, OP-UA12 | 122353, PSDTX1426M1, GHGPSDTX114M1                              | Add new fugitives unit to the permit.                                                                                                                                                                                                                                                                                 |
| 7            | MS-C          | No                 | SCFUG         | OP-UA12         | 122353, PSDTX1426M1, GHGPSDTX114M1, 106.261/11/01/2001 [168247] | Update the pre-construction authorizations for SCFUG as shown on OP-SUMR.                                                                                                                                                                                                                                             |
| 8            | MS-C          | No                 | BLRFUG, SCFUG | OP-UA12         | Various                                                         | Add 40 CFR Part 60 Subpart VVa applicable requirements. Since these fugitive units are also subject to 40 CFR part 63 Subpart YY, the overlap provision in 63.1100(g)(4)(iii) is being used. Therefore, a manual build of applicable citations is provided on OP-REQ3.                                                |
| 9            | MS-C          | No                 | X3401         | OP-UA1          | 122353, PSDTX1426M1, GHGPSDTX114M1                              | Add 40 CFR Part 63, Subpart YY high-level requirements to cooling tower.                                                                                                                                                                                                                                              |
| 10           | MS-C          | No                 | Various       | Various         | 122353, PSDTX1426M1                                             | For units subject to 40 CFR Part 61, Subpart FF that use a flare as a control device, manually add 40 CFR Part 63, Subpart CC requirement §63.670 to their applicable requirements as provided in the OP-REQ3. The flare is subject to §63.670 during the high-pressure stages and §60.18 during low-pressure stages. |

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

|                       |                      |
|-----------------------|----------------------|
| Date:                 | 01/30/2025           |
| Permit No.:           | 04161                |
| Regulated Entity No.: | RN109845768          |
| Company Name:         | Bayport Polymers 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 |                                       |                                                                                                                                                                                                                                                                                                                       |
| 11           | MS-C          | No                 | XF-4601 | OP-UA7          | 122353, PSDTX1426M1,<br>GHGPSDTX114M1 | Add 40 CFR Part 63, Subpart CC requirements to this flare unit. EPA amended the rule on April 4, 2024 to include specific citations for pressure-assisted flares. The TCEQ flowchart isn't updated yet to account for these citations changes. Therefore, please make the manual build edits as shown in the OP-REQ3. |

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

|                                                                                                                                                                                |                      |     |  |    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----|--|----|
| Date:                                                                                                                                                                          | 01/30/2025           |     |  |    |
| Permit No.:                                                                                                                                                                    | 04161                |     |  |    |
| Regulated Entity No.:                                                                                                                                                          | RN109845768          |     |  |    |
| Company Name:                                                                                                                                                                  | Bayport Polymers LLC |     |  |    |
| <b>I. Significant Revision</b> (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?                                                                                                 | X                    | 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?                                                                                  | X                    | YES |  | NO |

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 Change in Pollutant Emissions     |
|----------------------------------------|--------------------------------------------------|
| VOC                                    | Increase in emissions due to new boiler addition |
| NOx                                    | Increase in emissions due to new boiler addition |
| SO <sub>2</sub>                        | Increase in emissions due to new boiler addition |
| CO                                     | Increase in emissions due to new boiler addition |
| PM/PM <sub>2.5</sub> /PM <sub>10</sub> | Increase in emissions due to new boiler addition |

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. |
|------------|------------|----------------------|
| 01/30/2025 | 04161      | RN109845768          |

| Unit/Process<br>AI | Unit/Process<br>Revision No. | Unit/Process ID<br>No. | Unit/Process<br>Applicable Form | Unit/Process Name/Description | Unit/Process<br>CAM | Preconstruction<br>Authorizations 30 TAC<br>Chapter 116/30 TAC<br>Chapter 106 | Preconstruction<br>Authorizations Title I |
|--------------------|------------------------------|------------------------|---------------------------------|-------------------------------|---------------------|-------------------------------------------------------------------------------|-------------------------------------------|
| A                  | 5                            | STMBLR                 | OP-UA6                          | Steam Boiler                  |                     | 122353                                                                        | PSDTX1426M1,<br>GHGPSDTX114M1             |
| A                  | 6                            | BLRFUG                 | OP-UA1, OP-UA12                 | Steam Boiler Fugitives        |                     | 122353                                                                        | PSDTX1426M1,<br>GHGPSDTX114M1             |
|                    | 7                            | SCFUG                  | OP-UA12                         | Equipment Leak Fugitives      |                     | 122353,<br><u>106.261/11/01/2001</u><br>[168247]                              | PSDTX1426M1,<br>GHGPSDTX114M1             |

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

| Date       | Permit Number | Regulated Entity Number | Area Name      |
|------------|---------------|-------------------------|----------------|
| 01/30/2025 | 04161         | RN109845768             | Ethane Cracker |

| Unit ID No. | Registration No. | PBR No. | Registration Date |
|-------------|------------------|---------|-------------------|
| SCFUG       | 168247           | 106.261 | 03/17/2022        |
| XF-4601     | 168247           | 106.261 | 03/17/2022        |

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

| Date       | Permit Number | Regulated Entity Number | Area Name      |
|------------|---------------|-------------------------|----------------|
| 01/30/2025 | 04161         | RN109845768             | Ethane Cracker |

| Unit ID No.  | PBR No.          | Version No./Date |
|--------------|------------------|------------------|
| MSS          | 106.263          | 11/01/2001       |
| LOAD, UNLOAD | 106.472, 106.473 | 09/04/2000       |

Texas Commission on Environmental Quality  
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

| Date       | Permit Number | Regulated Entity Number | Area Name      |
|------------|---------------|-------------------------|----------------|
| 01/30/2025 | 04161         | RN109845768             | Ethane Cracker |

| PBR No. | Version No./Date |
|---------|------------------|
| N/A     | N/A              |

Texas Commission on Environmental Quality  
Permit By Rule Supplemental Table (Page 4)

Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area

| Date       | Permit Number | Regulated Entity Number | Area Name      |
|------------|---------------|-------------------------|----------------|
| 01/30/2025 | 04161         | RN109845768             | Ethane Cracker |

| Unit ID No.  | PBR No.          | Version No./Date Or Registration No. | Monitoring Requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------|------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCFUG        | 106.261          | 168247                               | Emissions from fugitive component leaks are minimized through the 28VHP Leak Detection and Repair program as detailed in the Special Condition Nos. 18 and 19 of NSR Permit No. 122353 latest issuance found in Appendix B of the Title V permit. The LDAR requirements in the permit specify the parameter monitored and the frequency of monitoring.                                                                                                                                                                                                                                                                                   |
| XF-4601      | 106.261          | 168247                               | The multi-point ground flare are monitored according to the Special Condition No. 14 of NSR Permit No. 122353 latest issuance found in Appendix B of the Title V permit. The requirements in the permit specify the parameters monitored and the frequency of monitoring.                                                                                                                                                                                                                                                                                                                                                                |
| MSS          | 106.263          | 11/01/2001                           | Keep records on-site of the type and reason for MSS activity, the processes and equipment involved; date, time, and duration of the activity or facility operation; and the air contaminants and amounts which are emitted as a result of the activity or facility operation per 106.263(g)(1)-(4). MSS emissions are recorded by the end of the month following the month during which the MSS activity occurred; these emissions are summed monthly, and the rolling 12-month emissions record is updated on a monthly basis to demonstrate compliance with the limits in 106.4 and 106.263(f). Calculated emissions are kept on-site. |
| LOAD, UNLOAD | 106.472, 106.473 | 09/04/2000                           | Keep annual records of the throughput, liquids loaded or unloaded, and true vapor pressure of liquids. Compare the actual throughput recorded to the maximum throughput used to calculate PTE emissions using AP-42, Fifth Edition, Volume I Chapter 5.2 (July 2008) equations and emission factors, as applicable/required, to demonstrate compliance with the limits in 106.473(1) and 106.4                                                                                                                                                                                                                                           |

### **3. UNIT ATTRIBUTE FORMS**

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This section contains the following Unit Attribute Forms:

- ▶ OP-UA1 – Miscellaneous and Generic Unit Attributes
- ▶ OP-UA3 – Storage Tank Vessel Attributes
- ▶ OP-UA6 – Boiler/Steam Generator/Steam Generating Unit Attributes
- ▶ OP-UA7 – Flare Attributes
- ▶ OP-UA12 – Fugitive Emission Attributes

Texas Commission on Environmental Quality  
Miscellaneous Unit Attributes  
Form OP-UA1 (Page 1)  
Federal Operating Permit Program

|                       |             |
|-----------------------|-------------|
| Date:                 | 01/30/2025  |
| Permit No.:           | 04161       |
| Regulated Entity No.: | RN109845768 |

| 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                                                                                                           |
|-------------|-------------------|-----------|------------------------------------|------------------------------------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| BLRFUG      | 63YY              | EU        |                                    |                                    |                        | Equipment (as defined in §63.1101) that contains or contacts organic HAP is subject to the provisions of §63.1103(e)-Table 7(f)(1).                  |
| X3401       | 63YY              | EU        |                                    |                                    |                        | Heat exchange system (as defined in §63.1082(b)) associated with an ethylene production unit is subject to the provisions of §63.1103(e)-Table 7(h). |

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. |
|------------|------------|----------------------|
| 01/30/2025 | 04161      | RN109845768          |

| 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. |
|-------------|-------------------|----------------|------------------|-----------------|-------------|----------------------------|-------------|-----------|---------------------|-----------------------|
| T-1202      | 60Kb-BACKUPCD     | VOL            | 40K+             | NONE            | 0.5-0.75    | CVS-CD                     |             |           |                     | BACK-UP CD            |
| T-1202      | 60Kb-X3800        | VOL            | 40K+             | NONE            | 0.5-0.75    | CVS-CD                     |             |           |                     | X-3800                |

**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. |
|------------|------------|----------------------|
| 01/30/2025 | 04161      | RN109845768          |

| Unit ID No. | SOP Index No. | Construction/Modification Date | Heat Input Capacity | Subpart Da | Changes to Existing Affected Facility | Subpart Ea, Eb, or AAAA, or CCCC | Subpart KKKK | Subpart Cb or BBBB | Temporary Boiler |
|-------------|---------------|--------------------------------|---------------------|------------|---------------------------------------|----------------------------------|--------------|--------------------|------------------|
| STMBLR      | 60Db-1        | 05+CR                          | 250+                | NO         | 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. |
|------------|------------|----------------------|
| 01/30/2025 | 04161      | RN109845768          |

| Unit ID No. | SOP Index No. | D-Series Fuel Type | D-Series Fuel Type | D-Series Fuel Type | Subpart D | Additional Applicability Requirement | ACF Option SO <sub>2</sub> | ACF Option PM | ACF Option NO <sub>x</sub> |
|-------------|---------------|--------------------|--------------------|--------------------|-----------|--------------------------------------|----------------------------|---------------|----------------------------|
| STMBLR      | 60Db-1        | NG                 |                    |                    | NO        | NONE                                 | OTHR                       | OTHR          | OTHR                       |

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. |
|------------|------------|----------------------|
| 01/30/2025 | 04161      | RN109845768          |

| Unit ID No. | SOP Index No. | 60.42b (k)(2) Low Sulfur Exemption | 60.42b(k)(4) Alternative | Post-Combustion Control | 60.43b (h)(2) Alternative | Electrical or Mechanical Output | Output Based Limit | 60.49 Da(n) Alternative | 60.49 Da(m) Alternative |
|-------------|---------------|------------------------------------|--------------------------|-------------------------|---------------------------|---------------------------------|--------------------|-------------------------|-------------------------|
| STMBLR      | 60Db-1        | YES                                |                          |                         |                           | 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. |
|------------|------------|----------------------|
| 01/30/2025 | 04161      | RN109845768          |

| Unit ID No. | SOP Index No. | Residual Oil Sampling | Monitoring Type PM | Monitoring Type PM (Opacity) | Monitoring Type NO <sub>x</sub> | Monitoring Type SO <sub>2</sub> | Technology Type | Unit Type | Heat Release Rate | Heat Input Gas/Oil | Heat Input Wood | Fuel Heat Input |
|-------------|---------------|-----------------------|--------------------|------------------------------|---------------------------------|---------------------------------|-----------------|-----------|-------------------|--------------------|-----------------|-----------------|
| STMBLR      | 60Db-1        |                       | NONE               | NONE                         | CEM                             | FLCRT                           | NONE            | OTHER     | NGHIGH            |                    |                 |                 |

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. |
|------------|------------|----------------------|
| 01/30/2025 | 04161      | RN109845768          |

| Unit ID No. | SOP Index No. | Unit Type | MRC  | RACT Date<br>Placed in<br>Service | Functionally<br>Identical<br>Replacement | Fuel<br>Type | Fuel<br>Type | Fuel<br>Type | Annual Heat<br>Input |
|-------------|---------------|-----------|------|-----------------------------------|------------------------------------------|--------------|--------------|--------------|----------------------|
| STMBLR      | R7100-1       | ICIB      | 250+ | FCD+                              |                                          |              |              |              |                      |

**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 for Institutional, Commercial, and Industrial Boilers**  
**Texas Commission on Environmental Quality**

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 01/30/2025 | 04161      | RN109845768          |

| Unit ID No. | SOP/GOP Index No. | Commence | Table Applicability | HCl Emission | HCl-CMS |
|-------------|-------------------|----------|---------------------|--------------|---------|
| STMBLR      | 63DDDDD-1         | NEW      | T3.1TS              |              |         |

**Texas Commission on Environmental Quality**

**Flare Attributes**

**Form OP-UA7 (Page 7)**

**Federal Operating Permit Program**

**Table 6: Title Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart CC, National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries**

| <b>Date</b> | <b>Permit No.</b> | <b>Regulated Entity No.</b> |
|-------------|-------------------|-----------------------------|
| 01/30/2025  | 04161             | RN109845768                 |

| <b>Unit ID No.</b> | <b>SOP Index No.</b> | <b>Flare Applicability</b> | <b>Operating Limits</b> | <b>AMEL ID No.</b> | <b>Flare Tip Velocity</b> | <b>Perimeter Assist<br/>Air</b> |
|--------------------|----------------------|----------------------------|-------------------------|--------------------|---------------------------|---------------------------------|
| XF-4601            | 63CC-1               | OTHER                      | REGOP                   |                    | 60-400                    | NONE                            |

Fugitive Emission Unit Attributes

Form OP-UA12 (Page 11)

Federal Operating Permit Program

Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing,  
and Petrochemical Processes in Ozone Nonattainment Areas  
Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 01/30/2025 | 04161      | RN109845768          |

| Unit ID No. | SOP/GOP Index No. | Title 30 TAC § 115.352<br>Applicable | <250 Components at<br>Site | Weight Percent VOC | Reciprocating Compressors or Positive<br>Displacement Pumps |
|-------------|-------------------|--------------------------------------|----------------------------|--------------------|-------------------------------------------------------------|
| BLRFUG      | R5352-ALL         |                                      |                            |                    |                                                             |

## **4. APPLICABLE REQUIREMENTS SUMMARY FORMS**

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This section contains the following forms and information:

- ▶ Form OP-REQ1 – Application Area-Wide Applicability Determinations and General Information
- ▶ Form OP-REQ2 – Negative Applicable Requirements Determinations
- ▶ Form OP-REQ3 – Applicable Requirements Summary

# 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. |
|------------|------------|----------------------|
| 01/30/2025 | O4161      | RN109845768          |

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.                                                                                                                                                                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| ◆ 2.                                                                                                 | The application area includes stationary vents constructed after January 31, 1972.<br><i>If the responses to Questions I.A.1 and I.A.2 are both "No," go to Question I.A.6. If the response to Question I.A.1 is "No" and the response to Question I.A.2 is "Yes," go to Question I.A.4.</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              |
| ◆ 3.                                                                                                 | The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972.                                                                                          | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 4.                                                                                                 | All stationary vents are addressed on a unit specific basis.                                                                                                                                                                                                                                 | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| ◆ 5.                                                                                                 | Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area.                                                                                           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              |
| ◆ 6.                                                                                                 | The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).                                                                                                                                                                                                               | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| ◆ 7.                                                                                                 | The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A).                                                                                                                                              | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| ◆ 8.                                                                                                 | Emissions from units in the application area include contributions from uncombined water.                                                                                                                                                                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              |
| ◆ 9.                                                                                                 | The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c).                                                                                                                   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |

# 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. |
|------------|------------|----------------------|
| 01/30/2025 | O4161      | RN109845768          |

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

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|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)</b> |                                                                                                                                                                                                         |                                                                     |
| <b>C. Emissions Limits on Nonagricultural Processes (continued)</b>                                                     |                                                                                                                                                                                                         |                                                                     |
| 4.                                                                                                                      | The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).                                                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 5.                                                                                                                      | The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements.<br><i>If the response to Question I.C.5 is "No," go to Question I.C.7.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 6.                                                                                                                      | All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.                                                                                   | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 7.                                                                                                                      | The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).                                                                                  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 8.                                                                                                                      | The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements.<br><i>If the response to Question I.C.8 is "No," go to Section I.D.</i>  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 9.                                                                                                                      | All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.                                                                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| <b>D. Emissions Limits on Agricultural Processes</b>                                                                    |                                                                                                                                                                                                         |                                                                     |
| 1.                                                                                                                      | The application area includes agricultural processes subject to 30 TAC § 111.171.                                                                                                                       | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <b>E. Outdoor Burning</b>                                                                                               |                                                                                                                                                                                                         |                                                                     |
| ◆ 1.                                                                                                                    | Outdoor burning is conducted in the application area.<br><i>If the response to Question I.E.1 is "No," go to Section II.</i>                                                                            | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 2.                                                                                                                    | Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.                                                                                           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 3.                                                                                                                    | Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207.                                                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 4.                                                                                                                    | Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209.                                                                                              | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

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|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)</b> |                                                                                                                                                                                                                                                                                                                          |                                                                     |
| <b>E. Outdoor Burning (continued)</b>                                                                                   |                                                                                                                                                                                                                                                                                                                          |                                                                     |
| ◆ 5.                                                                                                                    | Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211.                                                                                                                                                                                                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| ◆ 6.                                                                                                                    | Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.                                                                                                                                                                                                           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| ◆ 7.                                                                                                                    | The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215.                                                                                                                                                                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <b>II. Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds</b>                                    |                                                                                                                                                                                                                                                                                                                          |                                                                     |
| <b>A. Temporary Fuel Shortage Plan Requirements</b>                                                                     |                                                                                                                                                                                                                                                                                                                          |                                                                     |
| 1.                                                                                                                      | The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18.                                                                                                                                                                          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds</b>                         |                                                                                                                                                                                                                                                                                                                          |                                                                     |
| <b>A. Applicability</b>                                                                                                 |                                                                                                                                                                                                                                                                                                                          |                                                                     |
| ◆ 1.                                                                                                                    | The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10.<br><i>See instructions for inclusive counties. If the response to Question III.A.1 is "No," go to Section IV.</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <b>B. Storage of Volatile Organic Compounds</b>                                                                         |                                                                                                                                                                                                                                                                                                                          |                                                                     |
| ◆ 1.                                                                                                                    | The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere.                                                                                                                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

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| 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.<br><i>If the response to Question III.C.1 is "No" or "N/A," go to Section III.D.</i>                                             | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| 2.                                                                                                   | The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area.<br><i>If the response to Question III.C.2 is "Yes" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.</i>      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| 3.                                                                                                   | The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater).<br><i>If the response to Question III.C.3 is "Yes," go to Section III.D.</i>        | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| 4.                                                                                                   | The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons).<br><i>If the response to Question III.C.4 is "Yes," go to Section III.D.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| 5.                                                                                                   | The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1).                                                                                                  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| 6.                                                                                                   | The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2).                                                                                                   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| 7.                                                                                                   | The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4).                                                                                         | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| D. Loading and Unloading of VOCs                                                                     |                                                                                                                                                                                                                                                                |                                                                                                  |
| ◆ 1.                                                                                                 | The application area includes VOC loading operations.                                                                                                                                                                                                          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| ◆ 2.                                                                                                 | The application area includes VOC transport vessel unloading operations.<br><i>For GOP applications, if the responses to Questions III.D.1 - D.2 are "No," go to Section III.E.</i>                                                                            | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              |

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                     |
| <b>D. Loading and Unloading of VOCs (continued)</b>                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                     |
| ◆ 3.                                                                                                        | Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.                                                                                                                                                                                                                                                                                                   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <b>E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities</b>        |                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                     |
| ◆ 1.                                                                                                        | The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container.<br><i>If the response to Question III.E.1 is "No," go to Section III.F.</i>                                                                                                                                                                                    | <input type="checkbox"/> YES <input checked="" type="checkbox"/> No |
| ◆ 2.                                                                                                        | Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area.                                                                                                                                                                                                                                                  | <input type="checkbox"/> YES <input type="checkbox"/> No            |
| ◆ 3.                                                                                                        | All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent.<br><i>If the response to Question III.E.2 and/or E.3 is "Yes," go to Section III.F.</i>                                                                                                                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| ◆ 4.                                                                                                        | The application area is located in a covered attainment county as defined in 30 TAC § 115.10.<br><i>If the response to Question III.E.4 is "No," go to Question III.E.9.</i>                                                                                                                                                                                                                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| ◆ 5.                                                                                                        | Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.                                                                                                                                                                                                                                                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| ◆ 6.                                                                                                        | Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| ◆ 7.                                                                                                        | At facilities located in 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.<br><i>If the response to Question III.E.7 is "Yes," go to Section III.F.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No            |

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|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>                            |                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                       |
| <b>E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)</b>                       |                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                       |
| ◆ 8.                                                                                                                                   | At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004.<br><i>If the response to Question III.E.8 is "Yes," go to Section III.F.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No                              |
| ◆ 9.                                                                                                                                   | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.                                                                                                                               | <input type="checkbox"/> Yes <input type="checkbox"/> No                              |
| ◆ 10.                                                                                                                                  | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.                                                                                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No                              |
| ◆ 11.                                                                                                                                  | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992.                                                                                                                                                                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No                              |
| ◆ 12.                                                                                                                                  | At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005.                                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No                              |
| <b>F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)</b> |                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                       |
| ◆ 1.                                                                                                                                   | Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area.                                                                                                                                                                                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |

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|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>                                        |                                                                                                                                                                                                                                                                        |                                                                                                  |
| <b>F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)</b> |                                                                                                                                                                                                                                                                        |                                                                                                  |
| ◆ 2.                                                                                                                                               | Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area.                                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A            |
| ◆ 3.                                                                                                                                               | Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area.                                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A            |
| <b>G. Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities</b>                                            |                                                                                                                                                                                                                                                                        |                                                                                                  |
| ◆ 1.                                                                                                                                               | The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks.<br><i>If the response to Question III.G.1 is "No" or "N/A," go to Section III.H.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| ◆ 2.                                                                                                                                               | The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012.                                                                                                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 3.                                                                                                                                               | The application area includes facilities that began construction prior to November 15, 1992.<br><i>If the responses to Questions III.G.2 and III.G.3 are both "No," go to Section III.H.</i>                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 4.                                                                                                                                               | The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline.                                                                                                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 5.                                                                                                                                               | The decommissioning of all Stage II vapor recovery control equipment located in the application area has been completed and the decommissioning notice submitted.                                                                                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A            |

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| <b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b> |                                                                                                                                                                                                                                                         |                                                                                                  |
| <b>H. Control of Reid Vapor Pressure (RVP) of Gasoline</b>                                                  |                                                                                                                                                                                                                                                         |                                                                                                  |
| ◆ 1.                                                                                                        | The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County.<br><i>If the response to Question III.H.1 is "No" or "N/A," go to Section III.I.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| ◆ 2.                                                                                                        | The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements.                                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 3.                                                                                                        | The application area includes a motor vehicle fuel dispensing facility.                                                                                                                                                                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 4.                                                                                                        | The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.                                                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| <b>I. Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries</b>                      |                                                                                                                                                                                                                                                         |                                                                                                  |
| 1.                                                                                                          | The application area is located at a petroleum refinery.                                                                                                                                                                                                | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| <b>J. Surface Coating Processes (Complete this section for GOP applications only.)</b>                      |                                                                                                                                                                                                                                                         |                                                                                                  |
| ◆ 1.                                                                                                        | Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(3)(A) or 115.427(7) are performed in the application area.                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A            |

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| III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued) |                                                                                                                                                                                                                                                                                         |                                                                                                  |
|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| K. Cutback Asphalt                                                                                   |                                                                                                                                                                                                                                                                                         |                                                                                                  |
| 1.                                                                                                   | Conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots, is used or specified for use in the application area by a state, municipal, or county agency.<br><i>If the response to Question III.K.1 is "N/A," go to Section III.L.</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| 2.                                                                                                   | The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area.                                                                                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| 3.                                                                                                   | Asphalt emulsion is used or produced within the application area.                                                                                                                                                                                                                       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              |
| 4.                                                                                                   | The application area is using an alternate control requirement as specified in 30 TAC § 115.513.<br><i>If the response to Question III.K.4 is "No," go to Section III.L.</i>                                                                                                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| 5.                                                                                                   | The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1).                                                                                                                   | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| 6.                                                                                                   | The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.                                                                                                                                                          | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| 7.                                                                                                   | The applicant using cutback asphalt is a state, municipal, or county agency.                                                                                                                                                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels                                  |                                                                                                                                                                                                                                                                                         |                                                                                                  |
| ◆ 1.                                                                                                 | The application area includes degassing operations for stationary, marine, and/or transport vessels.<br><i>If the response to Question III.L.1 is "No" or "N/A," go to Section III.M.</i>                                                                                               | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| ◆ 2.                                                                                                 | Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area.<br><i>If the response to Question III.L.2 is "Yes," go to Section III.M.</i>                                                                                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A            |

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| 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.                                                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A            |
| ◆ 4.                                                                                                 | Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A            |
| ◆ 5.                                                                                                 | Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.                                                                                                                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 6.                                                                                                 | Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.                                                                                                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A            |
| ◆ 7.                                                                                                 | Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure $\geq$ 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area.                                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A            |
| M. Petroleum Dry Cleaning Systems                                                                    |                                                                                                                                                                                                                                                                                                                                                   |                                                                                                  |
| 1.                                                                                                   | The application area contains one or more petroleum dry cleaning facilities that use petroleum-based solvents.                                                                                                                                                                                                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |

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| III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued) |                                                                                                                                                                                                                                                                                        |                                                                                                  |
|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| N. Vent Gas Control (Highly Reactive Volatile Organic Compounds (HRVOC))                             |                                                                                                                                                                                                                                                                                        |                                                                                                  |
| 1.                                                                                                   | The application area includes one or more vent gas streams containing HRVOC.                                                                                                                                                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| 2.                                                                                                   | The application area includes one or more flares that emit or have the potential to emit HRVOC.<br><i>If the responses to Questions III.N.1 and III.N.2 are both "No" or "N/A," go to Section III.O. If the response to Question III.N.1 is "Yes," continue with Question III.N.3.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| 3.                                                                                                   | All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times.                                                                                                                                                               | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| 4.                                                                                                   | All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times.<br><i>If the responses to Questions III.N.3 and III.N.4 are both "Yes," go to Section III.O.</i>                                                                | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| 5.                                                                                                   | The application area contains pressure relief valves that are not controlled by a flare.                                                                                                                                                                                               | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| 6.                                                                                                   | The application area has at least one vent stream which has no potential to emit HRVOC.                                                                                                                                                                                                | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| 7.                                                                                                   | The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).                                                                                                                                                                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| 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.                                                                                                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |

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| IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                     |
|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| A. Applicability                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                     |
| ◆ 1.                                                                            | The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area.<br><i>For SOP applications, if the response to Question IV.A.1 is "Yes," complete Sections IV.B - IV.F and IV.H.</i><br><i>For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "Yes," go to Section IV.F.</i><br><i>For GOP applications for GOP 517, if the response to Question IV.A.1 is "Yes," complete Sections IV.C and IV.F.</i><br><i>For GOP applications, if the response to Question IV.A.1 is "No," go to Section VI.</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 2.                                                                              | The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln.<br><i>If the response to Question IV.A.2 is "Yes," go to Question IV.H.1.</i>                                                                                                                                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3.                                                                              | The application area includes a utility electric generator in an east or central Texas county.<br><i>See instructions for a list of counties included.</i><br><i>If the response to Question IV.A.3 is "Yes," go to Question IV.G.1.</i><br><i>If the responses to Questions IV.A.1 - 3 are all "No," go to Question IV.H.1.</i>                                                                                                                                                                                                                                                                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| B. Utility Electric Generation in Ozone Nonattainment Areas                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                     |
| 1.                                                                              | The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300.<br><i>If the response to Question IV.B.1 is "No," go to Question IV.C.1.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2.                                                                              | The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No            |

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|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)</b>                                         |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                  |
| <b>C. Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas</b>                                                   |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                  |
| ◆ 1.                                                                                                                                       | The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400.<br><i>For SOP applications, if the response to Question IV.C.1 is "No," go to Question IV.D.1. For GOP applications for GOP 517, if the response to Question IV.C.1 is "No," go to Section IV.F.</i>           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> NO                              |
| ◆ 2.                                                                                                                                       | The application area is located at a site that was a major source of NO <sub>x</sub> before November 15, 1992.                                                                                                                                                                                                                                                               | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| ◆ 3.                                                                                                                                       | The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.                                                                                                                                                                                                                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| <b>D. Adipic Acid Manufacturing</b>                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                  |
| 1.                                                                                                                                         | The application area is located at, or part of, an adipic acid production unit.                                                                                                                                                                                                                                                                                              | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| <b>E. Nitric Acid Manufacturing - Ozone Nonattainment Areas</b>                                                                            |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                  |
| 1.                                                                                                                                         | The application area is located at, or part of, a nitric acid production unit.                                                                                                                                                                                                                                                                                               | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| <b>F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines</b> |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                  |
| ◆ 1.                                                                                                                                       | The application area is located at a site that is a minor source of NO <sub>x</sub> in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County).<br><i>For SOP applications, if the response to Question IV.F.1 is "No," go to Question IV.G.1. For GOP applications, if the response to Question IV.F.1 is "No," go to Section VI.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| ◆ 2.                                                                                                                                       | The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a).                                                                                                                                                                                                                               | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 3.                                                                                                                                       | The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b).                                                                                                                                                                                                                               | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |

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|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)</b>                                                     |                                                                                                                                                                                                                                                                                         |                                                                     |
| <b>F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)</b> |                                                                                                                                                                                                                                                                                         |                                                                     |
| ◆ 4.                                                                                                                                                   | The application area is located in the Dallas/Fort Worth Eight-Hour area (except for Wise County) and has units that qualify for an exemption under 30 TAC § 117.2103.                                                                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| ◆ 5.                                                                                                                                                   | The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110.                                                                                                                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 6.                                                                                                                                                     | The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC § 117.2025 or 30 TAC § 117.2125.<br><i>If the response to Question IV.F.6 is "No," go to Section IV.G.</i>                                                         | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 7.                                                                                                                                                     | An ACSS for carbon monoxide (CO) has been approved?                                                                                                                                                                                                                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 8.                                                                                                                                                     | An ACSS for ammonia (NH <sub>3</sub> ) has been approved?                                                                                                                                                                                                                               | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 9.                                                                                                                                                     | Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below.                                                                                                                                                                  |                                                                     |
|                                                                                                                                                        |                                                                                                                                                                                                                                                                                         |                                                                     |
| <b>G. Utility Electric Generation in East and Central Texas</b>                                                                                        |                                                                                                                                                                                                                                                                                         |                                                                     |
| 1.                                                                                                                                                     | The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995.<br><i>If the response to Question IV.G.1 is "No," go to Question IV.H.1.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2.                                                                                                                                                     | The application area is complying with the System Cap in 30 TAC § 117.3020.                                                                                                                                                                                                             | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| <b>H. Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters</b>                                                          |                                                                                                                                                                                                                                                                                         |                                                                     |
| 1.                                                                                                                                                     | The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less.<br><i>If the response to question IV.H.1 is "No," go to Section V.</i>           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2.                                                                                                                                                     | All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.                                                                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No            |

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| <b>V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products</b>                                                                                                                                            |                                                                     |
| <b>A. Subpart B - National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings</b>                                                                                                                                                                                                    |                                                                     |
| 1. The application area manufactures automobile refinishing coatings or coating components and sells or distributes these coatings or coating components in the United States.                                                                                                                                  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2. The application area imports automobile refinishing coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States.<br><i>If the responses to Questions V.A.1 and V.A.2 are both "No," go to Section V.B.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3. All automobile refinishing coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6).                                                                                                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| <b>B. Subpart C - National Volatile Organic Compound Emission Standards for Consumer Products</b>                                                                                                                                                                                                               |                                                                     |
| 1. The application area manufactures consumer products for sale or distribution in the United States.                                                                                                                                                                                                           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2. The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States.                                                                                                                                             | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3. The application area is a distributor of consumer products whose name appears on the label of one or more of the products.<br><i>If the responses to Questions V.B.1 - V.B.3 are all "No," go to Section V.C.</i>                                                                                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 4. All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7).                                                                                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No            |

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products (continued)</b> |                                                                                                                                                                                                                                          |                                                                     |
| <b>C. Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings</b>                                                                           |                                                                                                                                                                                                                                          |                                                                     |
| 1.                                                                                                                                                                               | The application area manufactures or imports architectural coatings for sale or distribution in the United States.                                                                                                                       | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2.                                                                                                                                                                               | The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act.<br><i>If the responses to Questions V.C.1-2 are both "No," go to Section V.D.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3.                                                                                                                                                                               | All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5).                                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| <b>D. Subpart E - National Volatile Organic Compound Emission Standards for Aerosol Coatings</b>                                                                                 |                                                                                                                                                                                                                                          |                                                                     |
| 1.                                                                                                                                                                               | The application area manufactures or imports aerosol coating products for sale or distribution in the United States.                                                                                                                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2.                                                                                                                                                                               | The application area is a distributor of aerosol coatings for resale or distribution in the United States.                                                                                                                               | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <b>E. Subpart F - Control of Evaporative Emissions from New and In-Use Portable Fuel Containers</b>                                                                              |                                                                                                                                                                                                                                          |                                                                     |
| 1.                                                                                                                                                                               | The application area manufactures or imports portable fuel containers for sale or distribution in the United States.<br><i>If the response to Question V.E.1 is "No," go to Section VI.</i>                                              | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2.                                                                                                                                                                               | All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c).                                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| <b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards</b>                                                                                       |                                                                                                                                                                                                                                          |                                                                     |
| <b>A. Applicability</b>                                                                                                                                                          |                                                                                                                                                                                                                                          |                                                                     |
| ◆ 1.                                                                                                                                                                             | The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts.<br><i>If the response to Question VI.A.1 is "No," go to Section VII.</i>                                                                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

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|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b> |                                                                                                                                                                                                                                                                                                |                                                                                       |
| <b>B. Subpart Y - Standards of Performance for Coal Preparation and Processing Plants</b>              |                                                                                                                                                                                                                                                                                                |                                                                                       |
| 1.                                                                                                     | The application area is located at a coal preparation and processing plant.<br><i>If the response to Question VI.B.1 is "No," go to Section VI.C.</i>                                                                                                                                          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                   |
| 2.                                                                                                     | The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd).<br><i>If the response to Question VI.B.2 is "No," go to Section VI.C.</i>                                                                                                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No                              |
| 3.                                                                                                     | The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option.<br><i>If the response to Question VI.B.3 is "Yes," go to Section VI.C.</i>                                                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No                              |
| 4.                                                                                                     | The plant contains an open storage pile, as defined in § 60.251, as an affected facility.<br><i>If the response to Question VI.B.4 is "No," go to Section VI.C.</i>                                                                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No                              |
| 5.                                                                                                     | The open storage pile was constructed, reconstructed or modified after May 27, 2009.                                                                                                                                                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No                              |
| <b>C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)</b>      |                                                                                                                                                                                                                                                                                                |                                                                                       |
| ◆ 1.                                                                                                   | The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired.<br><i>If the response to Question VI.C.1 is "No" or "N/A," go to Section VI.E.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| ◆ 2.                                                                                                   | One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005.<br><i>If the response to Question VI.C.2 is "No," go to Section VI.E.</i>                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No                              |
| ◆ 3.                                                                                                   | One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4).                                                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No                              |
| ◆ 4.                                                                                                   | The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area.                                                                                                                                                               | <input type="checkbox"/> Yes <input type="checkbox"/> No                              |

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|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>                         |                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                  |
| <b>C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)</b>                  |                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                  |
| ◆ 5.                                                                                                                           | One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides.                                                                                                                                                                                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| <b>D. Subpart XX - Standards of Performance for Bulk Gasoline Terminals</b>                                                    |                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                  |
| 1.                                                                                                                             | The application area includes bulk gasoline terminal loading racks.<br><i>If the response to Question VI.D.1 is "No," go to Section VI.E.</i>                                                                                                                                                                                                                              | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| 2.                                                                                                                             | One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC.                                                                                                                                                                                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| <b>E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO<sub>2</sub>) Emissions</b> |                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                  |
| ◆ 1.                                                                                                                           | The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore).<br><i>For SOP applications, if the response to Question VI.E.1 is "No," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is or "N/A," go to Section VI.H.</i>                                                           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| ◆ 2.                                                                                                                           | The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011.<br><i>For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "No," go to Section VI.H.</i>                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 3.                                                                                                                           | The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD.<br><i>For SOP applications, if the response to Question VI.E.3 is "No," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "No," go to Section VI.H.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |

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For SOP applications, answer ALL questions unless otherwise directed.

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

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|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>                                     |                                                                                                                                                                                                                                                                                                                                                 |                                                                     |
| <b>E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO<sub>2</sub>) Emissions (continued)</b> |                                                                                                                                                                                                                                                                                                                                                 |                                                                     |
| ◆ 4.                                                                                                                                       | Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD.<br><i>For SOP applications, if the response to Question VI.E.4. is "No," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "No," go to Section VI.H.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| ◆ 5.                                                                                                                                       | Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below                                                                                                                                                                                           |                                                                     |
|                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                 |                                                                     |
| <b>F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants</b>                                                 |                                                                                                                                                                                                                                                                                                                                                 |                                                                     |
| 1.                                                                                                                                         | The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant.<br><i>If the response to Question VI.F.1 is "No," go to Section VI.G.</i>                                                                                                   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2.                                                                                                                                         | Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.                                                                                                                                                                                                         | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| <b>G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems</b>                              |                                                                                                                                                                                                                                                                                                                                                 |                                                                     |
| 1.                                                                                                                                         | The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987.<br><i>If the response to Question VI.G.1 is "No," go to Section VI.H.</i>                        | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2.                                                                                                                                         | The application area includes storm water sewer systems.                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No            |

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>                                                                                                                               |                                                                                                                                                                                                                                                                           |                                                                                                  |
| <b>G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)</b>                                                                                                            |                                                                                                                                                                                                                                                                           |                                                                                                  |
| 3.                                                                                                                                                                                                                                   | The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.                                                                                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| 4.                                                                                                                                                                                                                                   | The application area includes non-contact cooling water systems.                                                                                                                                                                                                          | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| 5.                                                                                                                                                                                                                                   | The application area includes individual drain systems.<br><i>If the response to Question VI.G.5 is "No," go to Section VI.H.</i>                                                                                                                                         | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| 6.                                                                                                                                                                                                                                   | The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).                                                                                                                                             | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| 7.                                                                                                                                                                                                                                   | The application area includes completely closed drain systems.                                                                                                                                                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| <b>H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004</b> |                                                                                                                                                                                                                                                                           |                                                                                                  |
| ◆ 1.                                                                                                                                                                                                                                 | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator.<br><i>If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "No," go to Question VI.H.4.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| ◆ 2.                                                                                                                                                                                                                                 | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 3.                                                                                                                                                                                                                                 | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.                                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 4.                                                                                                                                                                                                                                 | The application area includes at least one air curtain incinerator.<br><i>If the response to Question VI.H.4 is "No," go to Section VI.I.</i>                                                                                                                             | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |

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| <b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>                                                                                                                                                 |                                                                                                                                                                                                                                                                                         |                                                                                                  |
| <b>H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004 (continued)</b>       |                                                                                                                                                                                                                                                                                         |                                                                                                  |
| ◆ 5.                                                                                                                                                                                                                                                   | The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.<br><i>If the response to Question VI.H.5 is "No," go to Question VI.H.7.</i>                                                | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 6.                                                                                                                                                                                                                                                   | All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste.                                                                                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 7.                                                                                                                                                                                                                                                   | The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.                                                                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 8.                                                                                                                                                                                                                                                   | All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste.                                                                                                                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| <b>I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001</b> |                                                                                                                                                                                                                                                                                         |                                                                                                  |
| ◆ 1.                                                                                                                                                                                                                                                   | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator.<br><i>If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "No," go to Question VI.I.4.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| ◆ 2.                                                                                                                                                                                                                                                   | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>                                                                                                                                                             |                                                                                                                                                                                                                                            |                                                                     |
| <b>I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)</b> |                                                                                                                                                                                                                                            |                                                                     |
| ◆ 3.                                                                                                                                                                                                                                                               | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001. | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| ◆ 4.                                                                                                                                                                                                                                                               | The application area includes at least one air curtain incinerator.<br><i>If the response to Question VI.I.4 is "No," go to Section VI.J.</i>                                                                                              | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| ◆ 5.                                                                                                                                                                                                                                                               | The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.<br><i>If the response to Question VI.I.5 is "No," go to VI.I.7.</i>         | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| ◆ 6.                                                                                                                                                                                                                                                               | All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.                               | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| ◆ 7.                                                                                                                                                                                                                                                               | The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| ◆ 8.                                                                                                                                                                                                                                                               | All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.                         | <input type="checkbox"/> Yes <input type="checkbox"/> No            |

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>                                                                                                                             |                                                                                                                                                                                                                                                                                                                  |                                                                                                  |
| <b>J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006</b> |                                                                                                                                                                                                                                                                                                                  |                                                                                                  |
| ◆ 1.                                                                                                                                                                                                                               | The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator.<br><i>If the response to Question VI.J.1 is "N/A," go to Section VI.K. If the response to Question VI.J.1 is "No," go to Question VI.J.4.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| ◆ 2.                                                                                                                                                                                                                               | The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.                                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 3.                                                                                                                                                                                                                               | The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.                                                                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 4.                                                                                                                                                                                                                               | The application area includes at least one air curtain incinerator.<br><i>If the response to Question VI.J.4 is "No," go to Section VI.K.</i>                                                                                                                                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| ◆ 5.                                                                                                                                                                                                                               | The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.<br><i>If the response to Question VI.J.5 is "No," go to Question VI.J.7.</i>                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 6.                                                                                                                                                                                                                               | All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.                                                                                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 7.                                                                                                                                                                                                                               | The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.                                                                                                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)</b>                                                                                                                                  |                                                                                                                                                                                                                                                            |                                                                                                  |
| <b>J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)</b> |                                                                                                                                                                                                                                                            |                                                                                                  |
| ◆ 8.                                                                                                                                                                                                                                           | All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.                                         | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 9.                                                                                                                                                                                                                                           | The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste.                                                                                               | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 10.                                                                                                                                                                                                                                          | The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials.                                                                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| <b>K. Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution</b>                                                                                                                      |                                                                                                                                                                                                                                                            |                                                                                                  |
| ◆ 1.                                                                                                                                                                                                                                           | The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO.                                                                                           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| <b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants</b>                                                                                                                            |                                                                                                                                                                                                                                                            |                                                                                                  |
| <b>A. Applicability</b>                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                            |                                                                                                  |
| ◆ 1.                                                                                                                                                                                                                                           | The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts.<br><i>If the response to Question VII.A.1 is "No" or "N/A," go to Section VIII.</i>                                                                        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| <b>B. Subpart F - National Emission Standard for Vinyl Chloride</b>                                                                                                                                                                            |                                                                                                                                                                                                                                                            |                                                                                                  |
| 1.                                                                                                                                                                                                                                             | The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| <b>C. Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this section for GOP applications only)</b>                                                            |                                                                                                                                                                                                                                                            |                                                                                                  |
| ◆ 1.                                                                                                                                                                                                                                           | The application area includes equipment in benzene service.                                                                                                                                                                                                | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A            |

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| <b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>                                                                                                             |                                                                     |
| <b>D. Subpart L - National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants</b>                                                                                                                                 |                                                                     |
| 1. The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b).<br><i>If the response to Question VII.D.1 is "No," go to Section VII.E.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2. The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b).                                                                                                                                          | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 3. The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.                                                                                                                               | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| <b>E. Subpart M - National Emission Standard for Asbestos</b>                                                                                                                                                                               |                                                                     |
| <b>Applicability</b>                                                                                                                                                                                                                        |                                                                     |
| 1. The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155.<br><i>If the response to Question VII.E.1 is "No," go to Section VII.F.</i>                   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <b>Roadway Construction</b>                                                                                                                                                                                                                 |                                                                     |
| 2. The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.                                                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| <b>Manufacturing Commercial Asbestos</b>                                                                                                                                                                                                    |                                                                     |
| 3. The application area includes a manufacturing operation using commercial asbestos.<br><i>If the response to Question VII.E.3 is "No," go to Question VII.E.4.</i>                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| a. Visible emissions are discharged to outside air from the manufacturing operation                                                                                                                                                         | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.                                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No            |

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| <b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>                                                                              |                                                          |
| <b>E. Subpart M - National Emission Standard for Asbestos (continued)</b>                                                                                                                                    |                                                          |
| <b><i>Manufacturing Commercial Asbestos (continued)</i></b>                                                                                                                                                  |                                                          |
| c. Asbestos-containing waste material is processed into non-friable forms.                                                                                                                                   | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| d. Asbestos-containing waste material is adequately wetted.                                                                                                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| e. Alternative filtering equipment is being used that has received EPA approval.                                                                                                                             | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| f. A high efficiency particulate air (HEPA) filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.                                                                          | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <b><i>Asbestos Spray Application</i></b>                                                                                                                                                                     |                                                          |
| 4. The application area includes operations in which asbestos-containing materials are spray applied.<br><i>If the response to Question VII.E.4 is "No," go to Question VII.E.5.</i>                         | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| a. Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying.<br><i>If the response to Question VII.E.4.a is "Yes," go to Question VII.E.5.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| b. Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.                                                                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| c. An alternative emission control and waste treatment method is being used that has received prior EPA approval.                                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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### Texas Commission on Environmental Quality

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|                                                                                                                                                                    |                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| <b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>                                    |                                                          |
| <b>E. Subpart M - National Emission Standard for Asbestos (continued)</b>                                                                                          |                                                          |
| <b><i>Asbestos Spray Application (continued)</i></b>                                                                                                               |                                                          |
| d. Asbestos-containing waste material is processed into non-friable forms.                                                                                         | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| e. Asbestos-containing waste material is adequately wetted.                                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| f. Alternative filtering equipment is being used that has received EPA approval.                                                                                   | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| g. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles.                                                         | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| h. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.                                | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <b><i>Fabricating Commercial Asbestos</i></b>                                                                                                                      |                                                          |
| 5. The application area includes a fabricating operation using commercial asbestos.<br><i>If the response to Question VII.E.5 is "No," go to Question VII.E.6.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| a. Visible emissions are discharged to outside air from the manufacturing operation.                                                                               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| b. An alternative emission control and waste treatment method is being used that has received prior EPA approval.                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| c. Asbestos-containing waste material is processed into non-friable forms.                                                                                         | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| d. Asbestos-containing waste material is adequately wetted.                                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| e. Alternative filtering equipment is being used that has received EPA approval.                                                                                   | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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| <b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>                                                                  |                                                                     |
| <b>E. Subpart M - National Emission Standard for Asbestos (continued)</b>                                                                                                                        |                                                                     |
| <b><i>Fabricating Commercial Asbestos (continued)</i></b>                                                                                                                                        |                                                                     |
| f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles.                                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| <b><i>Non-sprayed Asbestos Insulation</i></b>                                                                                                                                                    |                                                                     |
| 6. The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying.                | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| <b><i>Asbestos Conversion</i></b>                                                                                                                                                                |                                                                     |
| 7. The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material.                | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| <b>F. Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities</b>                                                |                                                                     |
| 1. The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <b>G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations</b>                                                                                         |                                                                     |
| 1. The application area is located at a benzene production facility and/or bulk terminal.<br><i>If the response to Question VII.G.1 is "No," go to Section VII.H.</i>                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2. The application area includes benzene transfer operations at marine vessel loading racks.                                                                                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No            |

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>                                                                                                                 |                                                                     |
| <b>G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)</b>                                                                                                                            |                                                                     |
| 3. The application area includes benzene transfer operations at railcar loading racks.                                                                                                                                                          | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 4. The application area includes benzene transfer operations at tank-truck loading racks.                                                                                                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| <b>H. Subpart FF - National Emission Standard for Benzene Waste Operations</b>                                                                                                                                                                  |                                                                     |
| <b>Applicability</b>                                                                                                                                                                                                                            |                                                                     |
| 1. The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341.                                                                                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 2. The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b).<br><i>If the responses to Questions VII.H.1 and VII.H.2 are both "No," go to Section VIII.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3. The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates.<br><i>If the response to Question VII.H.3 is "Yes," go to Section VIII.</i>                                          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 4. The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagram per year (Mg/yr).<br><i>If the response to Question VII.H.4 is "Yes," go to Section VIII</i>                       | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 5. The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr.<br><i>If the response to Question VII.H.5 is "Yes," go to Section VIII.</i>    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

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| <b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>                                                                                                       |                                                                     |
| <b>H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)</b>                                                                                                                                            |                                                                     |
| <b>Applicability (continued)</b>                                                                                                                                                                                                      |                                                                     |
| 6. The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.                                                                                                                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 7. The application area has waste streams with flow-weighted annual average water content of 10% or greater.                                                                                                                          | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <b>Waste Stream Exemptions</b>                                                                                                                                                                                                        |                                                                     |
| 8. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw).                                                   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 9. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 10. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr.                                                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 11. The application area transfers waste off-site for treatment by another facility.                                                                                                                                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 12. The application area is complying with 40 CFR § 61.342(d).                                                                                                                                                                        | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 13. The application area is complying with 40 CFR § 61.342(e).<br><i>If the response to Question VII.H.13 is "No," go to Question VII.H.15.</i>                                                                                       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 14. The application area has facility waste with a flow weighted annual average water content of less than 10%.                                                                                                                       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>                                                                                             |                                                                     |
| <b>H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)</b>                                                                                                                                  |                                                                     |
| <b>Container Requirements</b>                                                                                                                                                                                               |                                                                     |
| 15. The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste.<br><i>If the response to Question VII.H.15 is "No," go to Question VII.H.18.</i>                             | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 16. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.<br><i>If the response to Question VII.H.16 is "Yes," go to Question VII.H.18.</i>                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 17. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.                                                                          | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <b>Individual Drain Systems</b>                                                                                                                                                                                             |                                                                     |
| 18. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste.<br><i>If the response to Question VII.H.18 is "No," go to Question VII.H.25.</i>     | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 19. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.<br><i>If the response to Question VII.H.19 is "Yes," go to Question VII.H.25.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 20. The application area has individual drain systems complying with 40 CFR § 61.346(a).<br><i>If the response to Question VII.H.20 is "No," go to Question VII.H.22.</i>                                                   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 21. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.                                              | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>                                                                                                                                                            |                                                                     |
| <b>H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)</b>                                                                                                                                                                                                 |                                                                     |
| <i>Individual Drain Systems (continued)</i>                                                                                                                                                                                                                                                |                                                                     |
| 22. The application area has individual drain systems complying with 40 CFR § 61.346(b).<br><i>If the response to Question VII.H.22 is "No," go to Question VII.H.25.</i>                                                                                                                  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 23. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.                                                                                             | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 24. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.                                                                                                                                                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| <i>Remediation Activities</i>                                                                                                                                                                                                                                                              |                                                                     |
| 25. Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.                                                                                                                                                                                       | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories</b>                                                                                                                                                 |                                                                     |
| <b>A. Applicability</b>                                                                                                                                                                                                                                                                    |                                                                     |
| ◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63.<br><i>See instructions for 40 CFR Part 63 subparts made applicable only by reference.</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <b>B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry</b>                                                                                                                                          |                                                                     |
| 1. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a).<br><i>If the response to Question VIII.B.1 is "No," go to Section VIII.D.</i>                                                                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

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| 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).<br><i>If the response to Question VIII.B.2 is "No," go to Section VIII.D.</i>                                                                                                                                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3.                                                                                                                                                     | The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 4.                                                                                                                                                     | The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.                                                                                                                | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 5.                                                                                                                                                     | The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does <u>not</u> use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.<br><i>If the response to Questions VIII.B.3, B.4 and B.5 are all "No," go to Section VIII.D.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No            |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)                                                                    |                                                                                                                                                                                                                                                                                                                                                      |                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater |                                                                                                                                                                                                                                                                                                                                                      |                                                          |
| Applicability                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                      |                                                          |
| 1.                                                                                                                                                                                                                 | The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F.<br><i>If the response to Question VIII.C.1 is "No," go to Section VIII.D.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 2.                                                                                                                                                                                                                 | The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.                                                                                                                                                                                                                               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 3.                                                                                                                                                                                                                 | The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148.<br><i>If the response to Question VIII.C.3 is "No," go to Question VIII.C.8.</i>                                                                                                                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 4.                                                                                                                                                                                                                 | The application area includes vapor collection systems or closed-vent systems that are constructed of hard piping.                                                                                                                                                                                                                                   | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 5.                                                                                                                                                                                                                 | The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere.<br><i>If the response to Question VIII.C.5 is "No," go to Question VIII.C.8.</i>                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Vapor Collection and Closed Vent Systems                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                      |                                                          |
| 6.                                                                                                                                                                                                                 | Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area.                                                                                                                                                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 7.                                                                                                                                                                                                                 | Bypass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration.                                                                                                                                                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)                                                                                |                                                                                                                                                                                                                                   |                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued) |                                                                                                                                                                                                                                   |                                                          |
| <i>Reloading or Cleaning of Railcars, Tank Trucks, or Barges</i>                                                                                                                                                               |                                                                                                                                                                                                                                   |                                                          |
| 8.                                                                                                                                                                                                                             | The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank.<br><i>If the response to Question VIII.C.8 is "No," go to Question VIII.C.11.</i>                | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 9.                                                                                                                                                                                                                             | The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 10.                                                                                                                                                                                                                            | The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system.                                                                                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <i>Transfer Racks</i>                                                                                                                                                                                                          |                                                                                                                                                                                                                                   |                                                          |
| 11.                                                                                                                                                                                                                            | The application area includes Group 1 transfer racks that load organic HAPs.                                                                                                                                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <i>Process Wastewater Streams</i>                                                                                                                                                                                              |                                                                                                                                                                                                                                   |                                                          |
| 12.                                                                                                                                                                                                                            | The application area includes process wastewater streams.<br><i>If the response to Question VIII.C.12 is "No," go to Question VIII.C.34.</i>                                                                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 13.                                                                                                                                                                                                                            | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF.<br><i>If the response to Question VIII.C.13 is "No," go to Question VIII.C.15.</i>                | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 14.                                                                                                                                                                                                                            | The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii).                                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 15.                                                                                                                                                                                                                            | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F.<br><i>If the response to Question VIII.C.15 is "No," go to Question VIII.C.17.</i>                 | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)                                                                                                  |                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)                   |                                                          |
| Process Wastewater Streams (continued)                                                                                                                                                                                                           |                                                          |
| 16. The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii).                                                                                                             | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 17. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272.<br><i>If the response to Question VIII.C.17 is "No," go to Question VIII.C.20.</i>                         | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 18. The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).                                                                                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 19. The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii).                                                                                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 20. The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds.   | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 21. The application area includes process wastewater streams, located at existing sources that are Group 2.                                                                                                                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 22. The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 23. The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds.                                                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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For SOP applications, answer ALL questions unless otherwise directed.

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

| 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.<br><i>If the response to Question VIII.C.24 is "Yes," go to Question VIII.C.34.</i>                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 25.                                                                                                                                                                                                                            | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br><i>If the response to Question VIII.C.25 is "No," go to Question VIII.C.27.</i>         | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 26.                                                                                                                                                                                                                            | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 27.                                                                                                                                                                                                                            | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 28.                                                                                                                                                                                                                            | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br><i>If the responses to Questions VIII.C.27 - VIII.C.28 are both "No," go to Question VIII.C.30.</i>      | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 29.                                                                                                                                                                                                                            | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.                                                | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 30.                                                                                                                                                                                                                            | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.                                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)                                                                                                                                                       |                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)                                                                        |                                                          |
| Drains                                                                                                                                                                                                                                                                                                |                                                          |
| 31. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream.<br><i>If the response to Question VIII.C.31 is "No," go to Question VIII.C.34.</i>                                             | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 32. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.                                                                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 33. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.                                                                                                                                   | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 34. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b).<br><i>If the response to Question VIII.C.34 is "No," go to Question VIII.C.39.</i>            | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 35. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d).<br><i>If the response to Question VIII.C.35 is "No," go to Question VIII.C.39.</i>     | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 36. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate. | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>                                                                                                                                                                                                                                                                                                                                                                |                                                                     |
| <b>C. Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)</b>                                                                                                                                                                                                                                                                                    |                                                                     |
| <b>Drains (continued)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                     |
| 37. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute.                                                                                                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 38. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(l)(1) or (l)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute. | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| <b>Gas Streams</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                     |
| 39. The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant.                                                                                                                                                                                                                                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 40. The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5).                                                                                                                                                                                                                                                                                                                                                                         | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| <b>D. Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks</b>                                                                                                                                                                                                                                                                                                                                                                |                                                                     |
| 1. The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations.                                                                                                                                                                                                                                                                                                               | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

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For SOP applications, answer ALL questions unless otherwise directed.

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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.<br><i>If the response to Question VIII.E.1 is "No," go to Section VIII.F.</i>                                                          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2.                                                                                                                                              | Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O.<br><i>If the response to Question VIII.E.2 is "No," go to Section VIII.F.</i>                                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 3.                                                                                                                                              | The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.                                                                                                                                | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 4.                                                                                                                                              | The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.                                                                                                                             | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| F. Subpart Q - National Emission Standards for Industrial Process Cooling Towers                                                                |                                                                                                                                                                                                                                                                             |                                                                     |
| 1.                                                                                                                                              | The application area includes industrial process cooling towers.<br><i>If the response to Question VIII.F.1 is "No," go to Section VIII.G.</i>                                                                                                                              | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 2.                                                                                                                                              | Chromium-based water treatment chemicals have been used on or after September 8, 1994.                                                                                                                                                                                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.                                                                                                                                                                                                                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2.                                                                                                                                              | The application area includes a pipeline breakout station.<br><i>If the responses to Questions VIII.G.1 and VIII.G.2 are both "No," go to Section VIII.H.</i>                                                                                                               | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3.                                                                                                                                              | The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station.<br><i>If the response to Question VIII.G.3 is "Yes," go to Question VIII.G.10.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No            |

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For SOP applications, answer ALL questions unless otherwise directed.

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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.<br><i>If the response to Question VIII.G.4 is "Yes," go to Question VIII.G.10.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 5.                                                                                                                                                   | An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station.<br><i>If the response to Question VIII.G.5 is "No," go to Question VIII.G.10.</i>                                                                                                                                          | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 6.                                                                                                                                                   | The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep).<br><i>If the response to Question VIII.G.6 is "No," go to Question VIII.G.10.</i>                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 7.                                                                                                                                                   | Emissions screening factor less than 0.5 (ET or EP < 0.5).<br><i>If the response to Question VIII.G.7 is "Yes," go to Section VIII.H.</i>                                                                                                                                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 8.                                                                                                                                                   | Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0).<br><i>If the response to Question VIII.G.8 is "Yes," go to Section VIII.H.</i>                                                                                                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 9.                                                                                                                                                   | Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0).<br><i>If the response to Question VIII.G.9 is "Yes," go to Question VIII.G.11.</i>                                                                                                                                                                         | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 10.                                                                                                                                                  | The site at which the application area is located is a major source of HAP.<br><i>If the response to Question VIII.G.10 is "No," go to Section VIII.H.</i>                                                                                                                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 11.                                                                                                                                                  | The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).                                                                                                                                                                                                                             | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |                                                                                                                                                                                                                                                                                            |                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry                                        |                                                                                                                                                                                                                                                                                            |                                                                     |
| 1.                                                                                                                                              | The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2.<br><i>If the response to Question VIII.H.1 is "No," go to Section VIII.I.</i>                                  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2.                                                                                                                                              | The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3).<br><i>If the response to Question VIII.H.2 is "No," go to Section VIII.I.</i>                                                                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 3.                                                                                                                                              | The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources.<br><i>If the response to Question VIII.H.3 is "No," go to Section VIII.I.</i>                                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 4.                                                                                                                                              | The application area includes one or more kraft pulping systems that are existing sources.                                                                                                                                                                                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 5.                                                                                                                                              | The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.                                                                                                                                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 6.                                                                                                                                              | The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24.<br><i>If the response to Question VIII.H.6 is "No," go to Section VIII.I.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 7.                                                                                                                                              | The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).                                                                                                                                                                                          | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 8.                                                                                                                                              | The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).                                                                                                                                                                                         | <input type="checkbox"/> Yes <input type="checkbox"/> No            |

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For SOP applications, answer ALL questions unless otherwise directed.

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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. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2.                                                                                                                                              | The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride.                                                                                                                          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3.                                                                                                                                              | The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride.                                                                                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 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.<br><i>If the response to Question VIII.J.1 is "No," go to Section VIII.K.</i>                                                                  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2.                                                                                                                                              | Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U.<br><i>If the response to Question VIII.J.2 is "No," go to Section VIII.K.</i>                                                                                | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 3.                                                                                                                                              | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482.                                                                                                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 4.                                                                                                                                              | The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.                                                                                                                                                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |

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For SOP applications, answer ALL questions unless otherwise directed.

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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.<br><i>If the response to Question VIII.J.5 is "Yes," go to Question VIII.J.15.</i>                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 6.                                                                                                                                              | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br><i>If the response to Question VIII.J.6 is "No," go to Question VIII.J.8.</i>           | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 7.                                                                                                                                              | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 8.                                                                                                                                              | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 9.                                                                                                                                              | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br><i>If the responses to Questions VIII.J.8 - VIII.J.9 are both "No," go to Question VIII.J.11.</i>        | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 10.                                                                                                                                             | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.                                                | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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| <b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>                                                                                                    |                                                          |
| <b>J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)</b>                                                                                                                          |                                                          |
| <b>Containers</b>                                                                                                                                                                                                                                         |                                                          |
| 11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.                                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <b>Drains</b>                                                                                                                                                                                                                                             |                                                          |
| 12. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream.<br><i>If the response to Question VIII.J.12 is "No," go to Question VIII.J.15.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.                                                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.                                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit.<br><i>If the response to Question VIII.J.15 is "No," go to Section VIII.K.</i>                      | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12).<br><i>If the response to Question VIII.J.16 is "No," go to Section VIII.K.</i>  | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>                                                                                                                                                                                                                                                                                                                                                     |                                                                                                  |
| <b>J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)</b>                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                  |
| <b>Drains (continued)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                  |
| 17. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate.                                                                                                                                                                                         | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| 18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute.                                                                                                                               | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| 19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute. | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| <b>K. Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production</b>                                                                                                                                                                                                                                                                                                                                                             |                                                                                                  |
| 1. The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area.<br><i>If the response to Question VIII.K.1 is "No" or "N/A," go to Section VIII.L.</i>                                                                                                                                                                                                                                                                         | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| 2. The application area includes a BLR and/or WSR research and development facility.                                                                                                                                                                                                                                                                                                                                                                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |

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For SOP applications, answer ALL questions unless otherwise directed.

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

|                                                                                                                                                                                                                                      |                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>                                                                               |                                                                                                  |
| <b>L. Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting</b>                                                                                                                          |                                                                                                  |
| 1. The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter.<br><i>If the response to Question VIII.L.1 is "No" or "N/A," go to Section VIII.M.</i>      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| 2. The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources.                                                                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| <b>M. Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations</b>                                                                                                                                          |                                                                                                  |
| 1. The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561.                                                        | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| <b>N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries</b>                                                                                                                            |                                                                                                  |
| <b>Applicability</b>                                                                                                                                                                                                                 |                                                                                                  |
| 1. The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7).<br><i>If the response to Question VIII.N.1 is "No," go to Section VIII.O.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| 2. All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7).<br><i>If the response to Question VIII.N.2 is "Yes," go to Section VIII.O.</i>   | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)                                                                                                                                                                                                                     |                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)                                                                                                                                                                                                                                                      |                                                          |
| Applicability (continued)                                                                                                                                                                                                                                                                                                                                           |                                                          |
| 3. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a).<br><i>If the response to Question VIII.N.3 is "No," go to Section VIII.O.</i>                                                                                                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 4. The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC.<br><i>If the response to Question VIII.N.4 is "No," go to Section VIII.O.</i>                                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 5. The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.                                                                                          | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 6. The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.                                                                                          | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 7. The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.<br><i>If the response to Question VIII.N.7 is "No," go to Question VIII.N.13.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 8. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).                                                                                                                                                                                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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For SOP applications, answer ALL questions unless otherwise directed.

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

|                                                                                                                                                                                                                                                                                               |                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>                                                                                                                                        |                                                                                                  |
| <b>N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)</b>                                                                                                                                                                         |                                                                                                  |
| <b>Applicability (continued)</b>                                                                                                                                                                                                                                                              |                                                                                                  |
| 9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii).<br><i>If the response to Question VIII.N.9 is "No," go to Question VIII.N.13.</i>                                                                                   | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| 10. The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992. | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| <b>Containers, Drains, and other Appurtenances</b>                                                                                                                                                                                                                                            |                                                                                                  |
| 11. The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).                                                                                                                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| 12. The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).                                                                                                                   | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| 13. The application area includes Group 1 gasoline loading racks as specified in § 63.650(a).                                                                                                                                                                                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| <b>O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations</b>                                                                                                                                                                                                 |                                                                                                  |
| 1. The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1).<br><i>If the response to Question VIII.O.1 is "No" or "N/A," go to Section VIII.P</i>                                                                          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| 2. Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.                                                                                                                                                                                                         | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| 3. The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.                                                                                                                                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |

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For SOP applications, answer ALL questions unless otherwise directed.

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |                                                                                                                                                                                                                                                                                               |                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)                                              |                                                                                                                                                                                                                                                                                               |                                                          |
| 4.                                                                                                                                              | The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10).                                                                                                                          | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 5.                                                                                                                                              | The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a “state” or “municipality.”                                                                                                                                                          | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 6.                                                                                                                                              | The predominant activity in the application area is the treatment of wastewater received from off-site.                                                                                                                                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 7.                                                                                                                                              | The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6).                                                                                                          | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 8.                                                                                                                                              | The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61. | <input type="checkbox"/> YES <input type="checkbox"/> No |
| 9.                                                                                                                                              | The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners).                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 10.                                                                                                                                             | The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year.<br><i>If the response to Question VIII.O.10 is “Yes,” go to Section VIII.P.</i>                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |                                                                                                                                                                                                                                                                                                             |                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)                                              |                                                                                                                                                                                                                                                                                                             |                                                          |
| 11.                                                                                                                                             | The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater.<br><i>If the response to Question VIII.O.11 is "No," go to Question VIII.O.14.</i>   | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 12.                                                                                                                                             | VOHAP concentration is determined by direct measurement.                                                                                                                                                                                                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 13.                                                                                                                                             | VOHAP concentration is based on knowledge of the off-site material.                                                                                                                                                                                                                                         | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 14.                                                                                                                                             | The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system.<br><i>If the response to Question VIII.O.14 is "No," go to Question VIII.O.17.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 15.                                                                                                                                             | An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight.                                                                                                                                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 16.                                                                                                                                             | An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.                                                                                                                                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 17.                                                                                                                                             | The application area includes containers that manage non-exempt off-site material.                                                                                                                                                                                                                          | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 18.                                                                                                                                             | The application area includes individual drain systems that manage non-exempt off-site materials.                                                                                                                                                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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| 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.<br><i>If the response to Question VIII.P.1 is "No" or "N/A," go to Section VIII.Q.</i>                                                                                                                                                                                                                                                        | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| 2.                                                                                                                                              | The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| 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.                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| ◆ 2.                                                                                                                                            | The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user.<br><i>For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.R.</i><br><i>For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.Z.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| ◆ 3.                                                                                                                                            | The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761.<br><i>For SOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.R.</i><br><i>For GOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.Z.</i>                                                                                                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 4.                                                                                                                                            | The application area is located at a site that is a major source of HAP.<br><i>If the response to Question VIII.Q.4 is "No," go to Question VIII.Q.6.</i>                                                                                                                                                                                                                                                                                                                          | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |

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For SOP applications, answer ALL questions unless otherwise directed.

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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.                                                                                                                                            | <p>The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft<sup>3</sup>) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day.</p> <p><i>For SOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.R.</i></p> <p><i>For GOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.Z.</i></p> <p><i>For all applications, if the response to Question VIII.Q.5 is "No," go to Question VIII.Q.9.</i></p> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 6.                                                                                                                                            | <p>The application area includes a triethylene glycol (TEG) dehydration unit.</p> <p><i>For SOP applications, if the answer to Question VIII.Q.6 is "No," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "No," go to Section VIII.Z.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 7.                                                                                                                                            | <p>The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 8.                                                                                                                                            | <p>The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 9.                                                                                                                                            | <p>Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii).</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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For SOP applications, answer ALL questions unless otherwise directed.

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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.<br><i>If the response to Question VIII.R.1 is "NO," go to Section VIII.S.</i>                                                                                                           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| 2.                                                                                                                                              | Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.                                                                                                                                             | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| 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.<br><i>If the response to Question VIII.S.1 is "No" or "N/A," go to Section VIII.T.</i>                                        | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| 2.                                                                                                                                              | The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.                                                                                                                                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| 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.                                                                                                                          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 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.<br><i>If the response to Question VIII.U.1 is "NO," go to Section VIII.V.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| 2.                                                                                                                                              | The application area includes containers using Container Level 1 controls.                                                                                                                                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| 3.                                                                                                                                              | The application area includes containers using Container Level 2 controls.                                                                                                                                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>          |                                                                                                                                                                                                                                                                                                                                                                             |                                                                     |
| <b>U. Subpart PP - National Emission Standards for Containers (continued)</b>                                                                                   |                                                                                                                                                                                                                                                                                                                                                                             |                                                                     |
| 4.                                                                                                                                                              | The application area includes containers using Container Level 3 controls.                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| <b>V. Subpart RR - National Emission Standards for Individual Drain Systems</b>                                                                                 |                                                                                                                                                                                                                                                                                                                                                                             |                                                                     |
| 1.                                                                                                                                                              | The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions.                                                                                                                                                                               | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards</b> |                                                                                                                                                                                                                                                                                                                                                                             |                                                                     |
| 1.                                                                                                                                                              | The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.                                                                                                                                                  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2.                                                                                                                                                              | The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.<br><i>If the responses to Questions VIII.W.1 and VIII.W.2 are both "No," go to Question VIII.W.20.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3.                                                                                                                                                              | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c).                                                                                                                                                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 4.                                                                                                                                                              | The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c).                                                                                                                                                                                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 5.                                                                                                                                                              | All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr.                                                                                                                                                                                                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 6.                                                                                                                                                              | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br><i>If the response to Question VIII.W.6 is "No," go to Question VIII.W.8.</i>                                                                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No            |

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For SOP applications, answer ALL questions unless otherwise directed.

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

| 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.                                                                                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 8.                                                                                                                                                                   | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 9.                                                                                                                                                                   | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br><i>If the responses to Questions VIII.W.8 and W.9 are both "No," go to Question VIII.W.11.</i>                         | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 10.                                                                                                                                                                  | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 11.                                                                                                                                                                  | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.                                                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 12.                                                                                                                                                                  | The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.<br><i>If the response to Question VIII.W.12 is "No," go to Question VIII.W.15.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 13.                                                                                                                                                                  | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 14.                                                                                                                                                                  | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.                                                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)                                                                                                                                                                                                                                                         |                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)                                                                                                                                                                                                                                    |                                                          |
| 15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit.<br><i>If the response to Question VIII.W.15 is "No," go to Question VIII.W.20.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3).<br><i>If the response to Question VIII.W.16 is "No," go to Question VIII.W.20.</i>                                                                                                                                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 17. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute.       | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                  |
| 19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute. | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| 20. The application area includes an ethylene production process unit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| 21. The application area includes waste streams generated from an ethylene production process unit.<br><i>If the responses to Questions VIII.W.20 and VIII.W.21 are both "No" or "N/A," go to Question VIII.W.54.</i>                                                                                                                                                                                                                                                                                                                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| 22. The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1).<br><i>If the response to Question VIII.W.22 is "No," go to Question VIII.W.54.</i>                                                                                                                                                                                                                                                                                                                                                     | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              |
| 23. Waste stream(s) are transferred off-site for treatment.<br><i>If the response to Question VIII.W.23 is "No," go to Question VIII.W.25.</i>                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| 24. The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment.<br><i>If the response to Question VIII.W.24 is "No," go to Question VIII.W.54.</i>                                                                                                                                                                                                                                                                                                                               | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |

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| 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).                                                                                                                           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 26.                                                                                                                                                                  | The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b).<br><i>If the response to Question VIII.W.26 is "No," go to Question VIII.W.43.</i>                               | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 27.                                                                                                                                                                  | The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control.<br><i>If the response to Question VIII.W.27 is "No," go to Question VIII.W.43.</i>                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 28.                                                                                                                                                                  | The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s).<br><i>If the response to Question VIII.W.28 is "No," go to Question VIII.W.33.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 29.                                                                                                                                                                  | The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.                                                                                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 30.                                                                                                                                                                  | The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream.<br><i>If the response to Question VIII.W.30 is "No," go to Question VIII.W.43.</i>                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 31.                                                                                                                                                                  | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No            |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)                      |                                                                                                                                                                                                                                                        |                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued) |                                                                                                                                                                                                                                                        |                                                          |
| 32.                                                                                                                                                                  | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.<br><i>If the response to Question VIII.W.32 is required, go to Question VIII.W.43.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 33.                                                                                                                                                                  | The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream.<br><i>If the response to Question VIII.W.33 is "No," go to Question VIII.W.36.</i>                                               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 34.                                                                                                                                                                  | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.<br><i>If the response to Question VIII.W.34 is "Yes," go to Question VIII.W.36.</i>                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 35.                                                                                                                                                                  | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.                                                                                                         | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 36.                                                                                                                                                                  | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream.<br><i>If the response to Question VIII.W.36 is "No," go to Question VIII.W.43.</i>                       | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 37.                                                                                                                                                                  | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.<br><i>If the response to Question VIII.W.37 is "Yes," go to Question VIII.W.43.</i>                              | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)                      |                                                                                                                                                                                                        |                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued) |                                                                                                                                                                                                        |                                                                     |
| 38.                                                                                                                                                                  | The application area has individual drain systems complying with 40 CFR § 61.346(a).<br><i>If the response to Question VIII.W.38 is "No," go to Question VIII.W.40.</i>                                | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 39.                                                                                                                                                                  | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.                             | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 40.                                                                                                                                                                  | The application area has individual drain systems complying with 40 CFR § 61.346(b).<br><i>If the response to Question VIII.W.40 is "No," go to Question VIII.W.43.</i>                                | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 41.                                                                                                                                                                  | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.             | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 42.                                                                                                                                                                  | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.                                                                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 43.                                                                                                                                                                  | The application area has at least one waste stream that contains benzene.<br><i>If the response to Question VIII.W.43 is "No," go to Question VIII.W.54.</i>                                           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 44.                                                                                                                                                                  | The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene.<br><i>If the response to Question VIII.W.44 is "No," go to Question VIII.W.47.</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 45.                                                                                                                                                                  | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.<br><i>If the response to Question VIII.W.45 is "Yes," go to Question VIII.W.47.</i>  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)                      |                                                                                                                                                                                                                                |                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued) |                                                                                                                                                                                                                                |                                                                     |
| 46.                                                                                                                                                                  | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.                                                                                 | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 47.                                                                                                                                                                  | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene.<br><i>If the response to Question VIII.W.47 is "No," go to Question VIII.W.54.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 48.                                                                                                                                                                  | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.<br><i>If the response to Question VIII.W.48 is "Yes," go to Question VIII.W.54.</i>      | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 49.                                                                                                                                                                  | The application area has individual drain systems complying with 40 CFR § 61.346(a).<br><i>If the response to Question VIII.W.49 is "No," go to Question VIII.W.51.</i>                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 50.                                                                                                                                                                  | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.                                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 51.                                                                                                                                                                  | The application area has individual drain systems complying with 40 CFR § 61.346(b).<br><i>If the response to Question VIII.W.51 is "No," go to Question VIII.W.54.</i>                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 52.                                                                                                                                                                  | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No            |

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| 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.                                                                                                                                                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 54.                                                                                                                                                                  | The application area contains a cyanide chemicals manufacturing process.<br><i>If the response to Question VIII.W.54 is "No," go to Section VIII.X.</i>                                                                                                                               | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 55.                                                                                                                                                                  | The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.                                                                                                                                                             | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 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 subject to 40 CFR Part 63, Subpart JJJ.<br><i>If the response to Question VIII.X.1 is "No," go to Section VIII.Y.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2.                                                                                                                                                                   | The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units.<br><i>If the response to Question VIII.X.2 is "No," go to Section VIII.Y.</i>                     | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 3.                                                                                                                                                                   | All process wastewater streams generated or managed in the application area are from sources producing polystyrene.<br><i>If the response to Question VIII.X.3 is "Yes," go to Section VIII.Y.</i>                                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 4.                                                                                                                                                                   | All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN.<br><i>If the response to Question VIII.X.4 is "Yes," go to Section VIII.Y.</i>                                                                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No            |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |                                                                                                                                                                                                                                                |                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)                    |                                                                                                                                                                                                                                                |                                                          |
| 5.                                                                                                                                              | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312.                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 6.                                                                                                                                              | The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.                                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 7.                                                                                                                                              | The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.                                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 8.                                                                                                                                              | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br><i>If the response to Question VIII.X.8 is "Yes," go to Question VIII.X.18.</i>                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 9.                                                                                                                                              | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br><i>If the response to Question VIII.X.9 is "No," go to Question VIII.X.11.</i>          | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 10.                                                                                                                                             | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 11.                                                                                                                                             | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 12.                                                                                                                                             | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br><i>If the responses to Questions VIII.X.11 - VIII.X.12 are both "No," go to Question VIII.X.14.</i>      | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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|                                                                                                                                                                                                                                                          |                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| <b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>                                                                                                   |                                                          |
| <b>X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)</b>                                                                                                                      |                                                          |
| 13. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.                                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <b>Containers</b>                                                                                                                                                                                                                                        |                                                          |
| 14. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.                                                                                          | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <b>Drains</b>                                                                                                                                                                                                                                            |                                                          |
| 15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.<br><i>If the response to Question VIII.X.15 is "No," go to Question VIII.X.18.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.                                                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 17. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.                                                                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a thermoplastic product process unit.<br><i>If the response to Question VIII.X.18 is "No," go to Section VIII.Y.</i>                  | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| <b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>                                                                                                                                                                                                                                                                                                                                                         |                                                          |
| <b>X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)</b>                                                                                                                                                                                                                                                                                                                                                                            |                                                          |
| <b>Drains (continued)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                          |
| 19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12).<br><i>If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.</i>                                                                                                                                                                                                                                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 20. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.                                                                                                                                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 21. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.                                                                                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 22. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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For SOP applications, answer ALL questions unless otherwise directed.

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

|                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                               |                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>                                     |                                                                                                                                                                                                                                                                                                                                                                               |                                                                     |
| <b>Y. Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.</b> |                                                                                                                                                                                                                                                                                                                                                                               |                                                                     |
| 1.                                                                                                                                                                                         | The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.                                                                                                                                           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <b>Z. Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.</b>                                                               |                                                                                                                                                                                                                                                                                                                                                                               |                                                                     |
| ◆ 1.                                                                                                                                                                                       | The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.                                                                                                                                                                                                               | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)</b>                                       |                                                                                                                                                                                                                                                                                                                                                                               |                                                                     |
| 1.                                                                                                                                                                                         | The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1).                                                                                                                                                                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2.                                                                                                                                                                                         | The application area is located at a plant site that is a major source as defined in FCAA § 112(a).                                                                                                                                                                                                                                                                           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 3.                                                                                                                                                                                         | The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP.<br><i>If the response to Question VIII.AA.1, AA.2 or AA.3 is "No," go to Section VIII.BB.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 4.                                                                                                                                                                                         | The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF.<br><i>If the response to Question VIII.AA.4 is "No," go to Section VIII.BB.</i>                                                                                             | <input type="checkbox"/> Yes <input type="checkbox"/> No            |

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For SOP applications, answer ALL questions unless otherwise directed.

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

| 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.<br><i>If the response to Question VIII.AA.5 is "No," go to Question VIII.AA.24.</i>                                                                                                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> 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. | <input type="checkbox"/> Yes <input type="checkbox"/> 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.                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> 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.      | <input type="checkbox"/> Yes <input type="checkbox"/> 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.                                                                                 | <input type="checkbox"/> Yes <input type="checkbox"/> 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.<br><i>If the response to Question VIII.AA.10 is "Yes," go to Question VIII.AA.24.</i>                                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> 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.<br><i>If the response to Question VIII.AA.11 is "No," go to Question VIII.AA.13.</i>                                                   | <input type="checkbox"/> Yes <input type="checkbox"/> 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.                                                                                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> 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.                                             | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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

#### 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.<br><i>If the responses to Questions VIII.AA.13 and VIII.AA.14 are both "No," go to Question VIII.AA.20.</i>                            | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 15. | Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h).<br><i>If the response to Question VIII.AA.15 is "No," go to Question VIII.AA.17.</i>                                                          | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 16. | The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected.                                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 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.<br><i>If the response to Question VIII.AA.17 is "No," go to Question VIII.AA.19.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> 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.                                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> 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.                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> 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.                                                                                                               | <input type="checkbox"/> Yes <input type="checkbox"/> 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.<br><i>If the response to Question VIII.AA.21 is "No," go to Question VIII.AA.24.</i>                   | <input type="checkbox"/> Yes <input type="checkbox"/> 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.                                                                                          | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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For SOP applications, answer ALL questions unless otherwise directed.

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

| 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.                                                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> 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).<br><i>If the response to Question VIII.AA.24 is "No," go to Section VIII.BB.</i>                                                                                                                                                                                                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> 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).<br><i>If the response to Question VIII.AA.25 is "No," go to Section VIII.BB.</i>                                                                                                                                                                                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> 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.                                                                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> 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.                                                                                                                                                                                                 | <input type="checkbox"/> Yes <input type="checkbox"/> 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. | <input type="checkbox"/> Yes <input type="checkbox"/> No |

# Application Area-Wide Applicability Determinations and General Information

## Form OP-REQ1 (Page 72)

### Federal Operating Permit Program

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For SOP applications, answer ALL questions unless otherwise directed.

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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. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.<br><i>If the answer to Question VIII.CC.1 is "No," go to Section VIII.DD.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|

- |                                                                                                                                                           |                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| 2. The application area is located at a site that is a major source of HAP.<br><i>If the answer to Question VIII.CC.2 is "No," go to Section VIII.DD.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
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- |                                                                                                                                                                                            |                                                          |
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| 3. All site remediations qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6).<br><i>If the answer to Question VIII.CC.3 is "Yes," go to Section VIII.DD.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
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- |                                                                                                                                                                                     |                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| 4. All site remediation activities are complete, and the Administrator has been notified in writing.<br><i>If the answer to Question VIII.CC.4 is "Yes," go to Section VIII.DD.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|

- |                                                                                                                                                                                                                                                                                                    |                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| 5. 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.<br><i>If the answer to Question VIII.CC.5 is "Yes," go to Section VIII.DD.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|

- |                                                                                |                                                          |
|--------------------------------------------------------------------------------|----------------------------------------------------------|
| 6. The site remediation will be completed within 30 consecutive calendar days. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|--------------------------------------------------------------------------------|----------------------------------------------------------|

- |                                                                                                                                                 |                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| 7. No site remediation will exceed 30 consecutive calendar days.<br><i>If the answer to Question VIII.CC.7 is "Yes," go to Section VIII.DD.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|

- |                                                                                                                                           |                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| 8. Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|

- |                                                                                                                                                                                                                              |                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| 9. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.<br><i>If the answer to Question VIII.CC.9 is "Yes," go to Section VIII.DD.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|

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

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

|     |                                                                                                                                                                                                                                                                                           |                                                          |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| 10. | The application area includes a remediation material management unit used for cleanup of radioactive mixed waste per § 63.7886(c).                                                                                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> 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).                                                                             | <input type="checkbox"/> Yes <input type="checkbox"/> 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).<br><i>If the response to Question VIII.CC.12 is "No," go to Question VIII.CC.14.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> 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.                                                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 14. | The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG.<br><i>If the response to Question VIII.CC.14 is "No," go to Question VIII.CC.21.</i>                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> 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).                                                                                                                                 | <input type="checkbox"/> Yes <input type="checkbox"/> 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).                                                                                                                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 17. | The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).                                                                                                                                                                             | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 18. | The application area includes containers with a capacity greater than 0.46 m <sup>3</sup> that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).                                                                                                                               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 19. | The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).                                                                                                                                                                             | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 20. | The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).                                                                                                                                                                             | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 21. | The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.                                                                                                                                                                                | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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For SOP applications, answer ALL questions unless otherwise directed.

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

| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)                              |                                                                                                                                                                                                                                              |                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| DD. Subpart YYYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities                                  |                                                                                                                                                                                                                                              |                                                                     |
| 1.                                                                                                                                                                           | The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions.<br><i>If the response to Question VIII.DD.1 is "No," go to Section VIII.EE.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2.                                                                                                                                                                           | The EAF steelmaking facility is a research and development facility.<br><i>If the response to Question VIII.DD.2 is "Yes," go to Section VIII.EE.</i>                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 3.                                                                                                                                                                           | Metallic scrap is utilized in the EAF.                                                                                                                                                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 4.                                                                                                                                                                           | Scrap containing motor vehicle scrap is utilized in the EAF.                                                                                                                                                                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 5.                                                                                                                                                                           | Scrap not containing motor vehicle scrap is utilized in the EAF.                                                                                                                                                                             | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 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.<br><i>If the answer to Question EE.1 is "No," go to Section VIII.FF.</i>                                                                                           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2.                                                                                                                                                                           | The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.                                                               | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 3.                                                                                                                                                                           | The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.                                                                                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No            |

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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.<br><i>If the answer to Question VIII.EE.4 is "No," go to Question VIII.EE.6.</i>                                                                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 5.                                                                                                                                                                                       | The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a).                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 6.                                                                                                                                                                                       | The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC.<br><i>If the answer to Question VIII.EE.6 is "No," go to Section VIII.FF.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 7.                                                                                                                                                                                       | The bulk gasoline terminal has throughput of less than 250,000 gallons per day.<br><i>If the answer to Question VIII.EE.7 is "Yes," go to Section VIII.FF.</i>                                                                                                          | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 8.                                                                                                                                                                                       | The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.                                                                                                                                                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 9.                                                                                                                                                                                       | The bulk gasoline terminal loads gasoline into railcar cargo tanks.<br><i>If the answer to Question VIII.EE.9 is "No," go to Section VIII.FF.</i>                                                                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 10.                                                                                                                                                                                      | The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.                                                                                                                                             | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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For SOP applications, answer ALL questions unless otherwise directed.

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|                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                             |                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>                                          |                                                                                                                                                                                                                                                                                                             |                                                                     |
| <b>EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)</b> |                                                                                                                                                                                                                                                                                                             |                                                                     |
| 11.                                                                                                                                                                                             | The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit.                                                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| <b>FF. Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities</b>                                                        |                                                                                                                                                                                                                                                                                                             |                                                                     |
| ◆ 1.                                                                                                                                                                                            | The application area is located at a site that is an area source of hazardous air pollutants.<br><i>If the answer to Question VIII.FF.1 is "No," go to Section VIII.GG.</i>                                                                                                                                 | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| ◆ 2.                                                                                                                                                                                            | The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132.<br><i>If the answer to Question VIII.FF.2 is "No," go to Section VIII.GG.</i>                                                                                                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| ◆ 3.                                                                                                                                                                                            | The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.                                                                                                                                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| ◆ 4.                                                                                                                                                                                            | The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment.                                               | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| <b>GG. Recently Promulgated 40 CFR Part 63 Subparts</b>                                                                                                                                         |                                                                                                                                                                                                                                                                                                             |                                                                     |
| ◆ 1.                                                                                                                                                                                            | The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form.<br><i>If the response to Question VIII.GG.1 is "No," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 2.                                                                                                                                                                                            | Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.                                                                                                                                                                                                                             |                                                                     |
| <b>40 CFR Part 63, Subpart ZZZZ and DDDDD</b>                                                                                                                                                   |                                                                                                                                                                                                                                                                                                             |                                                                     |

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>IX. Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions</b>                                                    |                                                                                                                                                                                             |                                                                                                  |
| <b>A. Applicability</b>                                                                                                                                               |                                                                                                                                                                                             |                                                                                                  |
| ◆ 1.                                                                                                                                                                  | The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.                                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              |
| <b>X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone</b>                                                           |                                                                                                                                                                                             |                                                                                                  |
| <b>A. Subpart A - Production and Consumption Controls</b>                                                                                                             |                                                                                                                                                                                             |                                                                                                  |
| ◆ 1.                                                                                                                                                                  | The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.                                                       | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| <b>B. Subpart B - Servicing of Motor Vehicle Air Conditioners</b>                                                                                                     |                                                                                                                                                                                             |                                                                                                  |
| ◆ 1.                                                                                                                                                                  | Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NO                              |
| <b>C. Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances</b> |                                                                                                                                                                                             |                                                                                                  |
| ◆ 1.                                                                                                                                                                  | The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C.                  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| <b>D. Subpart D - Federal Procurement</b>                                                                                                                             |                                                                                                                                                                                             |                                                                                                  |
| ◆ 1.                                                                                                                                                                  | The application area is owned/operated by a department, agency, or instrumentality of the United States.                                                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| <b>E. Subpart E - The Labeling of Products Using Ozone Depleting Substances</b>                                                                                       |                                                                                                                                                                                             |                                                                                                  |
| ◆ 1.                                                                                                                                                                  | The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| ◆ 2.                                                                                                                                                                  | The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.                                              | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| ◆ 3.                                                                                                                                                                  | The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance.                   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |

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| <b>X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)</b> |                                                                                                                                                                                                                                                                                                  |                                                                                                  |
| <b>F. Subpart F - Recycling and Emissions Reduction</b>                                                                 |                                                                                                                                                                                                                                                                                                  |                                                                                                  |
| ◆ 1.                                                                                                                    | Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area.                                                                                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              |
| ◆ 2.                                                                                                                    | Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.                                                                                                                                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| ◆ 3.                                                                                                                    | The application area manufactures appliances or refrigerant recycling and recovery equipment.                                                                                                                                                                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| <b>G. Subpart G - Significant New Alternatives Policy Program</b>                                                       |                                                                                                                                                                                                                                                                                                  |                                                                                                  |
| ◆ 1.                                                                                                                    | The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound.<br><i>If the response to Question X.G.1 is "No" or "N/A," go to Section X.H.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| ◆ 2.                                                                                                                    | All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7).                                                                                                                                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A            |
| <b>H. Subpart H -Halon Emissions Reduction</b>                                                                          |                                                                                                                                                                                                                                                                                                  |                                                                                                  |
| ◆ 1.                                                                                                                    | Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.                                                                                                                                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| ◆ 2.                                                                                                                    | Disposal of halons or manufacturing of halon blends is conducted in the application area.                                                                                                                                                                                                        | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| <b>XI. Miscellaneous</b>                                                                                                |                                                                                                                                                                                                                                                                                                  |                                                                                                  |
| <b>A. Requirements Reference Tables (RRT) and Flowcharts</b>                                                            |                                                                                                                                                                                                                                                                                                  |                                                                                                  |
| 1.                                                                                                                      | The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart.                                                                                                                                                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              |

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|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>XI. Miscellaneous (continued)</b>                                                                            |                                                                                                                                                                                                                                                                                                                                                        |                                                                                                  |
| <b>B. Forms</b>                                                                                                 |                                                                                                                                                                                                                                                                                                                                                        |                                                                                                  |
| ◆ 1.                                                                                                            | The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form.<br><i>If the response to Question XI.B.1 is "No" or "N/A," go to Section XI.C.</i>                                                                                                                        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| ◆ 2.                                                                                                            | Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.<br><br>40 CFR Part 63, Subpart YY                                                                                                                                       |                                                                                                  |
| <b>C. Emission Limitation Certifications</b>                                                                    |                                                                                                                                                                                                                                                                                                                                                        |                                                                                                  |
| ◆ 1.                                                                                                            | The application area includes units for which federally enforceable emission limitations have been established by certification.                                                                                                                                                                                                                       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              |
| <b>D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements</b> |                                                                                                                                                                                                                                                                                                                                                        |                                                                                                  |
| 1.                                                                                                              | The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).                                                                                                                                                                                                                       | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| 2.                                                                                                              | The application area includes units located at the site that are subject to a site-specific requirement of the SIP.                                                                                                                                                                                                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| 3.                                                                                                              | The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator.<br><i>If the response to Question XI.D.3 is "Yes," please include a copy of the approval document with the application.</i>       | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| 4.                                                                                                              | The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director.<br><i>If the response to Question XI.D.4 is "Yes," please include a copy of the approval document with the application.</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              |

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**Form OP-REQ1 (Page 80)**  
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|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>XI. Miscellaneous (continued)</b>                                                                                                 |                                                                                                                                                                                                                                                    |                                                                     |
| <b>E. Title IV - Acid Rain Program</b>                                                                                               |                                                                                                                                                                                                                                                    |                                                                     |
| 1.                                                                                                                                   | The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program.                                                                                                                                 | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2.                                                                                                                                   | The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.                                                                                                                                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3.                                                                                                                                   | The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.                                                                                                                                        | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <b>F. 40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO<sub>x</sub> Ozone Season Group 2 Trading Program</b> |                                                                                                                                                                                                                                                    |                                                                     |
| 1.                                                                                                                                   | The application area includes emission units subject to the requirements of the CSAPR NO <sub>x</sub> Ozone Season Group 2 Trading Program.<br><i>If the response to Question XI.F.1 is "No," go to Question XI.F.7.</i>                           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2.                                                                                                                                   | The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO <sub>x</sub> and heat input.                                                                                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 3.                                                                                                                                   | The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO <sub>x</sub> , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.                | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 4.                                                                                                                                   | The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for NO <sub>x</sub> , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input. | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 5.                                                                                                                                   | The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for NO <sub>x</sub> and heat input.                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 6.                                                                                                                                   | The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for NO <sub>x</sub> and heat input.                                                               | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 7.                                                                                                                                   | The application area includes emission units that qualify for the CSAPR NO <sub>x</sub> Ozone Season Group 2 retired unit exemption.                                                                                                               | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

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|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>XI. Miscellaneous (continued)</b>                                           |                                                                                                                                                                                                         |                                                                     |
| <b>G. 40 CFR Part 97, Subpart FFFFF - Texas SO<sub>2</sub> Trading Program</b> |                                                                                                                                                                                                         |                                                                     |
| 1.                                                                             | The application area includes emission units complying with the requirements of the Texas SO <sub>2</sub> Trading Program.<br><i>If the response to Question XI.G.1 is "No," go to Question XI.G.6.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2.                                                                             | The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO <sub>2</sub> and 40 CFR Part 75, Subpart H for heat input.                        | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 3.                                                                             | The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO <sub>2</sub> and heat input.                              | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 4.                                                                             | The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for SO <sub>2</sub> and heat input.                       | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 5.                                                                             | The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for SO <sub>2</sub> and heat input.                    | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 6.                                                                             | The application area includes emission units that qualify for the Texas SO <sub>2</sub> Trading Program retired unit exemption.                                                                         | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <b>H. Permit Shield (SOP Applicants Only)</b>                                  |                                                                                                                                                                                                         |                                                                     |
| 1.                                                                             | A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit.                                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

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| <b>XI. Miscellaneous (continued)</b>                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                  |
| <b>I. GOP Type (Complete this section for GOP applications only)</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                  |
| ◆ 1.                                                                 | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, Waller, and Wise Counties.                                                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 2.                                                                 | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties.                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 3.                                                                 | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties.                                                                                                                                                                                                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 4.                                                                 | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County. | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 5.                                                                 | The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit.                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| <b>J. Title 30 TAC Chapter 101, Subchapter H</b>                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                  |
| ◆ 1.                                                                 | The application area is located in a nonattainment area.<br><i>If the response to Question XI.J.1 is "No," go to Question XI.J.3.</i>                                                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| ◆ 2.                                                                 | The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.                                                                                                                                                                                                                                                                                                                                                                                         | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A            |
| ◆ 3.                                                                 | The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.                                                                                                                                                                                                                                                                                                                                                                                | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |

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|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>XI. Miscellaneous (continued)</b>                         |                                                                                                                                                                                                                                                                                                                                                    |                                                                     |
| <b>J. Title 30 TAC Chapter 101, Subchapter H (continued)</b> |                                                                                                                                                                                                                                                                                                                                                    |                                                                     |
| ◆ 4.                                                         | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO <sub>x</sub> .<br><i>If the response to Question XI.J.4 is "Yes," go to Question XI.J.6.</i>                                                       | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 <sub>x</sub> and is subject to 101.351(c).                                                                                               | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 6.                                                           | The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.                                                                                                                                                                                                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| ◆ 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.                                                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <b>K. Periodic Monitoring</b>                                |                                                                                                                                                                                                                                                                                                                                                    |                                                                     |
| ◆ 1.                                                         | The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application.<br><i>If the response to Question XI.K.1 is "Yes," go to Section XI.L.</i>                                                                                                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| ◆ 2.                                                         | The permit currently contains at least one periodic monitoring requirement.<br><i>If the responses to Questions XI.K.1 and XI.K.2 are both "No," go to Section XI.L.</i>                                                                                                                                                                           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 3.                                                         | All periodic monitoring requirements are being removed from the permit with this application.                                                                                                                                                                                                                                                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

# Application Area-Wide Applicability Determinations and General Information

## Form OP-REQ1 (Page 84)

### Federal Operating Permit Program

### Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 01/30/2025 | O4161      | RN109845768          |

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.<br><i>If the response to Question XI.L.1 is "No," go to Section XI.M.</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 2.                               | The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement.<br><i>If the response to Question XI.L.2 is "No," go to Section XI.M.</i>                                                                                                                                                                                                                       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 3.                               | The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.                                                                                                                                                                                                                                                                                                                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 4.                               | The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application.<br><i>If the responses to Questions XI.L.3 and XI.L.4 are both "No," go to Section XI.M.</i>                                                                                                                                             | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 5.                                 | The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.                                                                                                                                                                                                                                                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 6.                                 | Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below.                                                                                                                                                                                                                                                   |                                                                     |
|                                    |                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                     |
| ◆ 7.                               | At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).                                                                                                                                                                                                                                                                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| ◆ 8.                               | All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).<br><i>If the response to Question XI.L.8 is "Yes," go to Section XI.M.</i>                                                                                                                                                                                                        | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

# Application Area-Wide Applicability Determinations and General Information

## Form OP-REQ1 (Page 85)

### 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.

|                                                                                                         |                                                                                                                                                                                                                                         |                                                                                                  |
|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>XI. Miscellaneous (continued)</b>                                                                    |                                                                                                                                                                                                                                         |                                                                                                  |
| <b>L. Compliance Assurance Monitoring (continued)</b>                                                   |                                                                                                                                                                                                                                         |                                                                                                  |
| ◆ 9.                                                                                                    | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1.                                                        | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| ◆ 10.                                                                                                   | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.                                                                       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              |
| ◆ 11.                                                                                                   | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.                | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| ◆ 12.                                                                                                   | The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.                                                                                                                                          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| <b>M. Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times</b> |                                                                                                                                                                                                                                         |                                                                                                  |
| ◆ 1.                                                                                                    | The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004.<br><i>If the response to Question XI.M.1 is "No," or "N/A," go to Section XII.</i>                        | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| ◆ 2.                                                                                                    | All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| <b>XII. New Source Review (NSR) Authorizations</b>                                                      |                                                                                                                                                                                                                                         |                                                                                                  |
| <b>A. Waste Permits with Air Addendum</b>                                                               |                                                                                                                                                                                                                                         |                                                                                                  |
| ◆ 1.                                                                                                    | The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum.<br><i>If the response to XII.A.1 is "Yes," include the waste permit numbers and issuance date in Section XII.J.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |

# Application Area-Wide Applicability Determinations and General Information

## Form OP-REQ1 (Page 86)

### Federal Operating Permit Program

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| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 01/30/2025 | O4161      | RN109845768          |

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.<br><i>If the response to XII.B.1 is "No," go to Section XII.C. If the response to XII.B.1 is "Yes," be sure to include the standard permit's registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate.</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 2.                                                    | The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617.                                                                                                                                                                         | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| ◆ 3.                                                    | The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.                                                                                                                                                                                          | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 4.                                                    | The application area includes at least one "Installation and/or Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization under 30 TAC § 116.620.                                                                                                                                              | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| ◆ 5.                                                    | The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization.                                                                                                                                                                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| ◆ 6.                                                    | The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.                                                                                                                                                                          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| ◆ 7.                                                    | The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U.                                                                                                                                         | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 8.                                                      | The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.                                                                                                                                                                                                           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 9.                                                      | The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.                                                                                                                                                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 10.                                                     | The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.                                                                                                                                                                                                          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

# Application Area-Wide Applicability Determinations and General Information

## Form OP-REQ1 (Page 87)

### Federal Operating Permit Program

### Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
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| 01/30/2025 | O4161      | RN109845768          |

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.                                                                                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| ◆ 12.                                                   | The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization.<br><i>If the response to XII.B.12 is "No," go to Question XII.B.15.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| ◆ 13.                                                   | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| ◆ 14.                                                   | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| ◆ 15.                                                   | The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.                                                                                           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| ◆ 16.                                                   | The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.                                                                                          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| C. Flexible Permits                                     |                                                                                                                                                                                              |                                                                     |
| 1.                                                      | The application area includes at least one Flexible Permit NSR authorization.                                                                                                                | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| D. Multiple Plant Permits                               |                                                                                                                                                                                              |                                                                     |
| 1.                                                      | The application area includes at least one Multi-Plant Permit NSR authorization.                                                                                                             | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

**Application Area-Wide Applicability Determinations and General Information****Form OP-REQ1 (Page 88)****Federal Operating Permit Program****Texas Commission on Environmental Quality**

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 01/30/2025 | O4161      | RN109845768          |

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): |
|-------------------|---------------|------------------------------------------------------------------------|------------|---------------|---------------|
| GHGPSDTX114<br>M1 | Pending       | GHG                                                                    |            |               |               |
| PSDTX1426M1       | Pending       | VOC, NO <sub>x</sub> , CO,<br>PM, PM <sub>10</sub> , PM <sub>2.5</sub> |            |               |               |
|                   |               |                                                                        |            |               |               |
|                   |               |                                                                        |            |               |               |

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](http://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](http://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 |
|----------------|---------------|----------------|---------------|---------------|---------------|
|                |               |                |               |               |               |
|                |               |                |               |               |               |
|                |               |                |               |               |               |
|                |               |                |               |               |               |

**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1 (Page 89)**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 01/30/2025 | O4161      | RN109845768          |

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 |
|-------------------|---------------|-------------------|---------------|-------------------|---------------|
| 122353            | Pending       |                   |               |                   |               |
| 167321            | 01/04/2022    |                   |               |                   |               |
| 167521            | 11/01/2022    |                   |               |                   |               |
|                   |               |                   |               |                   |               |

- ◆ **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 |
|---------|------------------|---------|------------------|---------|------------------|
| 106.261 | 11/01/2003       | 106.476 | 09/04/2000       |         |                  |
| 106.262 | 11/01/2003       | 106.478 | 09/04/2000       |         |                  |
| 106.263 | 11/01/2001       | 106.492 | 09/04/2000       |         |                  |
| 106.264 | 09/04/2000       | 106.511 | 09/04/2000       |         |                  |
| 106.352 | 11/22/2012       |         |                  |         |                  |
| 106.373 | 09/04/2000       |         |                  |         |                  |
| 106.472 | 09/04/2000       |         |                  |         |                  |
| 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 |
|------------|---------------|------------|---------------|------------|---------------|
|            |               |            |               |            |               |
|            |               |            |               |            |               |
|            |               |            |               |            |               |
|            |               |            |               |            |               |

Form OP-REQ2  
Negative Applicable/Superseded Requirement Determinations  
Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 01/30/2025 | 04161      | RN109845768          |

| 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 Reason                                                                                           |
|---------|--------------|---------------------------|------------------------------------|----------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| A       | 5            | STMBLR                    | OP-UA6                             | 30 TAC Chapter 117, Subchapter B       | §117.103(a)(1)                                         | Boiler placed into service after November 15, 1992 and is not a functionally identical replacement for existing boiler. |

**Applicable Requirements Summary**  
**Form OP-REQ3 (Page 1)**  
**Federal Operating Permit Program**

**Table 1a: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date: 01/30/2025</b>                   | <b>Regulated Entity No.: RN109845768</b> | <b>Permit No.: 04161</b> |
| <b>Company Name: Bayport Polymers LLC</b> | <b>Area Name: Ethane Cracker</b>         |                          |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No. | Pollutant       | Applicable Regulatory Requirement Name             | Applicable Regulatory Requirement Standard(s)                                                                                                                                                                                                                             |
|--------------|---------------------------|------------------------------------|-------------------|-----------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5            | STMBLR                    | OP-UA6                             | 60Db-1            | SO <sub>2</sub> | 40 CFR Part 60, Subpart Db                         | §60.42b(k)(2)                                                                                                                                                                                                                                                             |
| 5            | STMBLR                    | OP-UA6                             | 60Db-1            | PM              | 40 CFR Part 60, Subpart Db                         | §60.40b(a)                                                                                                                                                                                                                                                                |
| 5            | STMBLR                    | OP-UA6                             | 60Db-1            | PM              | 40 CFR Part 60, Subpart Db                         | §60.40b(a)                                                                                                                                                                                                                                                                |
| 5            | STMBLR                    | OP-UA6                             | 60Db-1            | NO <sub>x</sub> | 40 CFR Part 60, Subpart Db                         | §60.44b(l)(1)<br>§60.44b(h), (i)<br>§60.46b(a)                                                                                                                                                                                                                            |
| 5            | STMBLR                    | OP-UA6                             | 63DDDDD-1         | 112(B)<br>HAPs  | 40 CFR Part 63, Subpart DDDDD                      | §63.7500(a)(1)-Table 3.1   2<br>§63.7500(a)(1), (a)(3)<br>§63.7505(a)<br>§63.7540(a), [G](a)(10), (a)(12)-(13)                                                                                                                                                            |
| 11           | XF-4601                   | OP-UA7                             | 63CC-1            | 112(B)<br>HAPs  | 40 CFR Part 63, Subpart CC                         | §63.670(c)<br>§63.670, (b), <del>(b)(1)-(2)</del> , (d), <del>(d)(2)-(d)(3)</del> , (e), <del>(e)(2)</del><br>§63.670(o), [G](o)(1)-(5)<br>§63.670(o)(6), [G](o)(7)<br>[G]§63.671(c)                                                                                      |
| 6            | BLRFUG                    | OP-UA12                            | R5352-ALL         | VOC             | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A)-(C)<br>§ 115.352(1)-(2)<br>§ 115.352(2)(A)<br>§ 115.352(2)(B)<br>§ 115.352(2)(C)<br>§ 115.352(2)(C)(i)<br>§ 115.352(2)(C)(ii)<br>§ 115.352(2)(C)(iii)<br>§ 115.352(3)-(10)<br>§ 115.357(1)-(6)<br>§ 115.357(8)-(13)<br>§ 115.358(c)(1)<br>[G]§ 115.358(h) |
| 6            | BLRFUG                    | OP-UA12                            | 63YY              | 112(B)<br>HAPs  | 40 CFR Part 63, Subpart YY                         | § 63.1103<br>The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY                                                                                                            |

**Applicable Requirements Summary**  
**Form OP-REQ3 (Page 2)**  
**Federal Operating Permit Program**

**Table 1b: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date: 01/30/2025</b>                   | <b>Regulated Entity No.: RN109845768</b> | <b>Permit No.: 04161</b> |
| <b>Company Name: Bayport Polymers LLC</b> | <b>Area Name: Ethane Cracker</b>         |                          |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant      | Monitoring and Testing Requirements                                                                                                                                                    | Recordkeeping Requirements                                                                                                                                                                                                              | Reporting Requirements                                                                                  |
|--------------|---------------------------|-------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| 5            | STMBLR                    | 60Db-1            | SO2            | §60.47b(f)                                                                                                                                                                             | §60.45b(k)<br>§60.49b(o), (r), (r)(1)                                                                                                                                                                                                   | §60.49b(a), (a)(1), (r), (r)(1)                                                                         |
| 5            | STMBLR                    | 60Db-1            | PM             | None                                                                                                                                                                                   | [G]§60.49b(d), (o)                                                                                                                                                                                                                      | §60.49b(a), (a)(1), (a)(3)                                                                              |
| 5            | STMBLR                    | 60Db-1            | PM             | None                                                                                                                                                                                   | [G]§60.49b(d), (o)                                                                                                                                                                                                                      | §60.49b(a), (a)(1), (a)(3)                                                                              |
| 5            | STMBLR                    | 60Db-1            | NOx            | §60.46b(c), (e), (e)(1), (e)(3)<br>[G]§60.48b(b), (c)-(e)<br>[G]§60.48b(e)(2), (e)(3), (f)                                                                                             | [G]§60.48b(b), (c)<br>[G]§60.49b(d), [G](g), (o)                                                                                                                                                                                        | §60.49b(a), (a)(1), (a)(3), (b)<br>§60.49b(h), (i), (v), (w)                                            |
| 5            | STMBLR                    | 63DDDDD-1         | 112(B)<br>HAPs | §63.7510(g)<br>§63.7515(d)<br>§63.7525(a)(7)<br>§63.7540(a), [G](a)(10)                                                                                                                | §63.7555(a), (a)(1)<br>§63.7560(a)-(c)                                                                                                                                                                                                  | §63.7530(e), (f)<br>§63.7545(a)-(c), [G](e)<br>§63.7550(a), [G](b)-(c), [G](h)                          |
| 11           | XF-4601                   | 63CC-1            | 112(B)<br>HAPs | §63.670(b), <del>(b)(2)(i)-(iii), (c)-(d)(2), (d)(3)</del><br>§63.670(e), (g), [G](h)-(l), [G](m)<br>[G]§63.671(a)-(e)                                                                 | <del>§63.670(b)(2)(iii)</del><br>[G]§63.670(h)-(j), [G](l)<br>[G]§63.670(o)(1), [G](o)(5), (o)(6), (p)<br>[G]§63.671(a)-(b)                                                                                                             | <del>[G]§63.670(b)(2)(iii)</del><br>[G]§63.670(h), [G](j), [G](o)(2), (q)                               |
| 6            | BLRFUG                    | R5352-ALL         | VOC            | § 115.354(1)-(6)<br>[G]§ 115.354(7)<br>§ 115.354(9)-(11)<br>§ 115.354(13)(A)-(F)<br>[G]§ 115.355<br>§ 115.357(1)<br>§ 115.358(c)(2)<br>§ 115.358(d)<br>[G]§ 115.358(e)<br>§ 115.358(f) | § 115.352(7)<br>§ 115.354(10)<br>§ 115.354(13)(D)<br>§ 115.354(13)(E)<br>§ 115.356<br>[G]§ 115.356(1)<br>[G]§ 115.356(2)<br>§ 115.356(3)<br>§ 115.356(3)(A)<br>§ 115.356(3)(B)<br>[G]§ 115.356(3)(C)<br>[G]§ 115.356(4)<br>§ 115.356(5) | [G]§ 115.354(7)<br>[G]§ 115.358(g)                                                                      |
| 6            | BLRFUG                    | 63YY              | 112(B)<br>HAPs | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY                                                                   | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY                                                                                                                             | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY |

**Applicable Requirements Summary**  
**Form OP-REQ3 (Page 1)**  
**Federal Operating Permit Program**

**Table 1a: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> 01/30/2025                   | <b>Regulated Entity No.:</b> RN109845768 | <b>Permit No.:</b> 04161 |
| <b>Company Name:</b> Bayport Polymers LLC | <b>Area Name:</b> Ethane Cracker         |                          |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No. | Pollutant | Applicable Regulatory Requirement Name | Applicable Regulatory Requirement Standard(s)                                                                                                                                                                                                                    |
|--------------|---------------------------|------------------------------------|-------------------|-----------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10           | C-1121                    | OP-UA3                             | 61FF-FL           | Benzene   | 40 CFR Part 61, Subpart FF             | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br>§ 63.670 |
| 10           | C-1122                    | OP-UA3                             | 61FF-FL           | Benzene   | 40 CFR Part 61, Subpart FF             | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br>§ 63.670 |

**Applicable Requirements Summary**  
**Form OP-REQ3 (Page 2)**  
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**Table 1b: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> 01/30/2025                   | <b>Regulated Entity No.:</b> RN109845768 | <b>Permit No.:</b> 04161 |
| <b>Company Name:</b> Bayport Polymers LLC | <b>Area Name:</b> Ethane Cracker         |                          |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements                                                                                                       | Recordkeeping Requirements                                                                                                                                                                         | Reporting Requirements                                        |
|--------------|---------------------------|-------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| 10           | C-1121                    | 61FF-FL           | Benzene   | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |
| 10           | C-1122                    | 61FF-FL           | Benzene   | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |

**Applicable Requirements Summary  
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**Table 1a: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> 01/30/2025                   | <b>Regulated Entity No.:</b> RN109845768 | <b>Permit No.:</b> 04161 |
| <b>Company Name:</b> Bayport Polymers LLC | <b>Area Name:</b> Ethane Cracker         |                          |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No. | Pollutant | Applicable Regulatory Requirement Name | Applicable Regulatory Requirement Standard(s)                                                                                                                                                                                                                           |
|--------------|---------------------------|------------------------------------|-------------------|-----------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10           | GRP-Z5671                 | OP-UA14                            | 61FF-FL           | Benzene   | 40 CFR Part 61, Subpart FF             | § 61.347(a)(1)<br>§ 60.18<br>§ 61.347(a)(1)(i)(A)<br>§ 61.347(a)(1)(i)(B)<br>§ 61.347(b)<br>§ 61.347(c)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br><u>§ 63.670</u> |
| 10           | T-1221A                   | OP-UA3                             | 61FF-FL           | Benzene   | 40 CFR Part 61, Subpart FF             | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br><u>§ 63.670</u> |

**Applicable Requirements Summary**  
**Form OP-REQ3 (Page 2)**  
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**Table 1b: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> 01/30/2025                   | <b>Regulated Entity No.:</b> RN109845768 | <b>Permit No.:</b> 04161 |
| <b>Company Name:</b> Bayport Polymers LLC | <b>Area Name:</b> Ethane Cracker         |                          |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements                                                                                                                        | Recordkeeping Requirements                                                                                                                                                                         | Reporting Requirements                                        |
|--------------|---------------------------|-------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| 10           | GRP-Z5671                 | 61FF-FL           | Benzene   | § 60.18(f)(2)<br>§ 61.347(a)(1)(i)(A)<br>§ 61.347(b)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |
| 10           | T-1221A                   | 61FF-FL           | Benzene   | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h)                  | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |

**Applicable Requirements Summary**  
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**Table 1a: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date: 01/30/2025</b>                   | <b>Regulated Entity No.: RN109845768</b> | <b>Permit No.: 04161</b> |
| <b>Company Name: Bayport Polymers LLC</b> | <b>Area Name: Ethane Cracker</b>         |                          |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No. | Pollutant | Applicable Regulatory Requirement Name | Applicable Regulatory Requirement Standard(s)                                                                                                                                                                                                                           |
|--------------|---------------------------|------------------------------------|-------------------|-----------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10           | T-1221B                   | OP-UA3                             | 61FF-FL           | Benzene   | 40 CFR Part 61, Subpart FF             | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br><u>§ 63.670</u> |
| 10           | T-5655                    | OP-UA3                             | 61FF-FL           | Benzene   | 40 CFR Part 61, Subpart FF             | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br><u>§ 63.670</u> |

**Applicable Requirements Summary  
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**Table 1b: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> 01/30/2025                   | <b>Regulated Entity No.:</b> RN109845768 | <b>Permit No.:</b> 04161 |
| <b>Company Name:</b> Bayport Polymers LLC | <b>Area Name:</b> Ethane Cracker         |                          |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements                                                                                                       | Recordkeeping Requirements                                                                                                                                                                         | Reporting Requirements                                        |
|--------------|---------------------------|-------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| 10           | T-1221B                   | 61FF-FL           | Benzene   | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |
| 10           | T-5655                    | 61FF-FL           | Benzene   | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |

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**Table 1a: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> 01/30/2025                   | <b>Regulated Entity No.:</b> RN109845768 | <b>Permit No.:</b> 04161 |
| <b>Company Name:</b> Bayport Polymers LLC | <b>Area Name:</b> Ethane Cracker         |                          |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No. | Pollutant | Applicable Regulatory Requirement Name | Applicable Regulatory Requirement Standard(s)                                                                                                                                                                                                                           |
|--------------|---------------------------|------------------------------------|-------------------|-----------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10           | T-5660                    | OP-UA3                             | 61FF-FL           | Benzene   | 40 CFR Part 61, Subpart FF             | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br><u>§ 63.670</u> |
| 10           | V-1123A                   | OP-UA3                             | 61FF-FL           | Benzene   | 40 CFR Part 61, Subpart FF             | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br><u>§ 63.670</u> |

**Applicable Requirements Summary  
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**Table 1b: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> 01/30/2025                   | <b>Regulated Entity No.:</b> RN109845768 | <b>Permit No.:</b> 04161 |
| <b>Company Name:</b> Bayport Polymers LLC | <b>Area Name:</b> Ethane Cracker         |                          |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements                                                                                                       | Recordkeeping Requirements                                                                                                                                                                         | Reporting Requirements                                        |
|--------------|---------------------------|-------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| 10           | T-5660                    | 61FF-FL           | Benzene   | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |
| 10           | V-1123A                   | 61FF-FL           | Benzene   | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |

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**Table 1a: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date: 01/30/2025</b>                   | <b>Regulated Entity No.: RN109845768</b> | <b>Permit No.: 04161</b> |
| <b>Company Name: Bayport Polymers LLC</b> | <b>Area Name: Ethane Cracker</b>         |                          |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No. | Pollutant | Applicable Regulatory Requirement Name | Applicable Regulatory Requirement Standard(s)                                                                                                                                                                                                                           |
|--------------|---------------------------|------------------------------------|-------------------|-----------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10           | V-1123R                   | OP-UA3                             | 61FF-FL           | Benzene   | 40 CFR Part 61, Subpart FF             | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br><u>§ 63.670</u> |
| 10           | V-1215                    | OP-UA3                             | 61FF-FL           | Benzene   | 40 CFR Part 61, Subpart FF             | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br><u>§ 63.670</u> |

**Applicable Requirements Summary  
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**Table 1b: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> 01/30/2025                   | <b>Regulated Entity No.:</b> RN109845768 | <b>Permit No.:</b> 04161 |
| <b>Company Name:</b> Bayport Polymers LLC | <b>Area Name:</b> Ethane Cracker         |                          |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements                                                                                                       | Recordkeeping Requirements                                                                                                                                                                         | Reporting Requirements                                        |
|--------------|---------------------------|-------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| 10           | V-1123R                   | 61FF-FL           | Benzene   | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |
| 10           | V-1215                    | 61FF-FL           | Benzene   | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |

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**Table 1a: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> 01/30/2025                   | <b>Regulated Entity No.:</b> RN109845768 | <b>Permit No.:</b> 04161 |
| <b>Company Name:</b> Bayport Polymers LLC | <b>Area Name:</b> Ethane Cracker         |                          |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No. | Pollutant | Applicable Regulatory Requirement Name | Applicable Regulatory Requirement Standard(s)                                                                                                                                                                                                                    |
|--------------|---------------------------|------------------------------------|-------------------|-----------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10           | V-1222                    | OP-UA3                             | 61FF-FL           | Benzene   | 40 CFR Part 61, Subpart FF             | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br>§ 63.670 |
| 10           | V-1223                    | OP-UA3                             | 61FF-FL           | Benzene   | 40 CFR Part 61, Subpart FF             | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br>§ 63.670 |

**Applicable Requirements Summary  
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**Table 1b: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> 01/30/2025                   | <b>Regulated Entity No.:</b> RN109845768 | <b>Permit No.:</b> 04161 |
| <b>Company Name:</b> Bayport Polymers LLC | <b>Area Name:</b> Ethane Cracker         |                          |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements                                                                                                       | Recordkeeping Requirements                                                                                                                                                                         | Reporting Requirements                                        |
|--------------|---------------------------|-------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| 10           | V-1222                    | 61FF-FL           | Benzene   | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |
| 10           | V-1223                    | 61FF-FL           | Benzene   | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |

**Applicable Requirements Summary**  
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**Table 1a: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> 01/30/2025                   | <b>Regulated Entity No.:</b> RN109845768 | <b>Permit No.:</b> 04161 |
| <b>Company Name:</b> Bayport Polymers LLC | <b>Area Name:</b> Ethane Cracker         |                          |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No. | Pollutant | Applicable Regulatory Requirement Name | Applicable Regulatory Requirement Standard(s)                                                                                                                                                                                                                           |
|--------------|---------------------------|------------------------------------|-------------------|-----------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10           | V-4601                    | OP-UA3                             | 61FF-FL           | Benzene   | 40 CFR Part 61, Subpart FF             | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br><u>§ 63.670</u> |
| 10           | V-5651                    | OP-UA3                             | 61FF-FL           | Benzene   | 40 CFR Part 61, Subpart FF             | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br><u>§ 63.670</u> |

**Applicable Requirements Summary  
Form OP-REQ3 (Page 2)  
Federal Operating Permit Program**

**Table 1b: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> 01/30/2025                   | <b>Regulated Entity No.:</b> RN109845768 | <b>Permit No.:</b> 04161 |
| <b>Company Name:</b> Bayport Polymers LLC | <b>Area Name:</b> Ethane Cracker         |                          |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements                                                                                                       | Recordkeeping Requirements                                                                                                                                                                         | Reporting Requirements                                        |
|--------------|---------------------------|-------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| 10           | V-4601                    | 61FF-FL           | Benzene   | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |
| 10           | V-5651                    | 61FF-FL           | Benzene   | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |

**Applicable Requirements Summary**  
**Form OP-REQ3 (Page 1)**  
**Federal Operating Permit Program**

**Table 1a: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> 01/30/2025                   | <b>Regulated Entity No.:</b> RN109845768 | <b>Permit No.:</b> 04161 |
| <b>Company Name:</b> Bayport Polymers LLC | <b>Area Name:</b> Ethane Cracker         |                          |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No. | Pollutant | Applicable Regulatory Requirement Name | Applicable Regulatory Requirement Standard(s)                                                                                                                                                                                                                           |
|--------------|---------------------------|------------------------------------|-------------------|-----------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10           | V-5652                    | OP-UA3                             | 61FF-FL           | Benzene   | 40 CFR Part 61, Subpart FF             | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br><u>§ 63.670</u> |
| 10           | V-8601                    | OP-UA3                             | 61FF-FL           | Benzene   | 40 CFR Part 61, Subpart FF             | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br><u>§ 63.670</u> |

**Applicable Requirements Summary**  
**Form OP-REQ3 (Page 2)**  
**Federal Operating Permit Program**

**Table 1b: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> 01/30/2025                   | <b>Regulated Entity No.:</b> RN109845768 | <b>Permit No.:</b> 04161 |
| <b>Company Name:</b> Bayport Polymers LLC | <b>Area Name:</b> Ethane Cracker         |                          |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements                                                                                                       | Recordkeeping Requirements                                                                                                                                                                         | Reporting Requirements                                        |
|--------------|---------------------------|-------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| 10           | V-5652                    | 61FF-FL           | Benzene   | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |
| 10           | V-8601                    | 61FF-FL           | Benzene   | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |

**Applicable Requirements Summary**  
**Form OP-REQ3 (Page 1)**  
**Federal Operating Permit Program**

**Table 1a: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date: 01/30/2025</b>                   | <b>Regulated Entity No.: RN109845768</b> | <b>Permit No.: 04161</b> |
| <b>Company Name: Bayport Polymers LLC</b> | <b>Area Name: Ethane Cracker</b>         |                          |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No. | Pollutant | Applicable Regulatory Requirement Name | Applicable Regulatory Requirement Standard(s)                                                                                                                                                                                                                           |
|--------------|---------------------------|------------------------------------|-------------------|-----------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10           | V-8602                    | OP-UA3                             | 61FF-FL           | Benzene   | 40 CFR Part 61, Subpart FF             | § 61.343(a)(1)<br>§ 60.18<br>§ 61.343(a)(1)(i)(A)<br>§ 61.343(a)(1)(i)(B)<br>§ 61.343(c)<br>§ 61.343(d)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br><u>§ 63.670</u> |
| 10           | XF-4601                   | OP-UA52                            | 61FF-FLARE        | Benzene   | 40 CFR Part 61, Subpart FF             | § 61.349(a)<br>§ 60.18<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br>§ 61.354(c)<br><u>§ 63.670</u>                                                                                  |

**Applicable Requirements Summary**  
**Form OP-REQ3 (Page 2)**  
**Federal Operating Permit Program**

**Table 1b: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> 01/30/2025                   | <b>Regulated Entity No.:</b> RN109845768 | <b>Permit No.:</b> 04161 |
| <b>Company Name:</b> Bayport Polymers LLC | <b>Area Name:</b> Ethane Cracker         |                          |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements                                                                                                       | Recordkeeping Requirements                                                                                                                                                                         | Reporting Requirements                                        |
|--------------|---------------------------|-------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| 10           | V-8602                    | 61FF-FL           | Benzene   | § 61.343(a)(1)(i)(A)<br>§ 61.343(c)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |
| 10           | XF-4601                   | 61FF-FLARE        | Benzene   | § 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h)                                        | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(f)(2)(i)(D)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7)       | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F) |

**Applicable Requirements Summary**  
**Form OP-REQ3 (Page 1)**  
**Federal Operating Permit Program**

**Table 1a: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> 01/30/2025                   | <b>Regulated Entity No.:</b> RN109845768 | <b>Permit No.:</b> 04161 |
| <b>Company Name:</b> Bayport Polymers LLC | <b>Area Name:</b> Ethane Cracker         |                          |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No. | Pollutant      | Applicable Regulatory Requirement Name | Applicable Regulatory Requirement Standard(s)                                                                                                                                                                                                                           |
|--------------|---------------------------|------------------------------------|-------------------|----------------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10           | XT-5672                   | OP-UA14                            | 61FF-FL           | Benzene        | 40 CFR Part 61, Subpart FF             | § 61.347(a)(1)<br>§ 60.18<br>§ 61.347(a)(1)(i)(A)<br>§ 61.347(a)(1)(i)(B)<br>§ 61.347(b)<br>§ 61.347(c)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g)<br><u>§ 63.670</u> |
| 8            | SCFUG                     | OP-UA12                            | 60VVa-1           | VOC            | 40 CFR Part 60, Subpart VVa            | § 63.1100(g)(4)(iii)                                                                                                                                                                                                                                                    |
| 8            | BLRFUG                    | OP-UA12                            | 60VVa-1           | VOC            | 40 CFR Part 60, Subpart VVa            | § 63.1100(g)(4)(iii)                                                                                                                                                                                                                                                    |
| 9            | X3401                     | OP-UA13                            | 63YY              | 112(B)<br>HAPs | 40 CFR Part 63, Subpart YY             | § 63.1103<br>The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY                                                                                                          |

**Applicable Requirements Summary**  
**Form OP-REQ3 (Page 2)**  
**Federal Operating Permit Program**

**Table 1b: Additions**

|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> 01/30/2025                   | <b>Regulated Entity No.:</b> RN109845768 | <b>Permit No.:</b> 04161 |
| <b>Company Name:</b> Bayport Polymers LLC | <b>Area Name:</b> Ethane Cracker         |                          |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant      | Monitoring and Testing Requirements                                                                                                                        | Recordkeeping Requirements                                                                                                                                                                         | Reporting Requirements                                                                                  |
|--------------|---------------------------|-------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| 10           | XT-5672                   | 61FF-FL           | Benzene        | § 60.18(f)(2)<br>§ 61.347(a)(1)(i)(A)<br>§ 61.347(b)<br>§ 61.349(a)(1)(i)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(c)<br>§ 61.354(c)(3)<br>[G]§ 61.355(h) | § 61.354(c)<br>§ 61.354(c)(3)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(7) | § 61.357(d)(7)<br>§ 61.357(d)(7)(iv)<br>§ 61.357(d)(7)(iv)(F)                                           |
| 8            | SCFUG                     | 60VVa-1           | VOC            | [G]§ 60.485a(b)(2)                                                                                                                                         | § 60.486a(e)(8)(v)                                                                                                                                                                                 | None                                                                                                    |
| 8            | BLRFUG                    | 60VVa-1           | VOC            | [G]§ 60.485a(b)(2)                                                                                                                                         | § 60.486a(e)(8)(v)                                                                                                                                                                                 | None                                                                                                    |
| 9            | X3401                     | 63YY              | 112(B)<br>HAPs | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY                                       | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY                                                                                        | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY |

## 5. MAJOR NSR SUMMARY TABLE

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**Major NSR Summary Table**

| Permit Numbers: 122353 and PSDTX1426M1               |                                                                     |                                |                |         | Issuance Date: <del>March 23, 2022</del> Pending          |                                                                                  |                                                       |
|------------------------------------------------------|---------------------------------------------------------------------|--------------------------------|----------------|---------|-----------------------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------------|
| 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             |
| FURNCAP (6)                                          | Pyrolysis Furnace Block Emission Cap<br><br>(H-1101 through H-1106) | NO <sub>x</sub>                | 24.14          | 105.78  | 5, 9, 11, 12, <a href="#">2937</a> , <a href="#">3341</a> | 5, 9, 11, 12, <a href="#">2937</a> , <a href="#">3439</a> , <a href="#">3341</a> | 5, 9, 12, <a href="#">2937</a> , <a href="#">3341</a> |
|                                                      |                                                                     | NO <sub>x</sub> (MSS) (8)      | 72.92          |         |                                                           |                                                                                  |                                                       |
|                                                      |                                                                     | CO                             | 90.35          | 395.76  |                                                           |                                                                                  |                                                       |
|                                                      |                                                                     | VOC                            | 4.82           | 21.16   |                                                           |                                                                                  |                                                       |
|                                                      |                                                                     | SO <sub>2</sub>                | 1.68           | 6.00    |                                                           |                                                                                  |                                                       |
|                                                      |                                                                     | SO <sub>2</sub> (MSS) (8)      | 1.68           |         |                                                           |                                                                                  |                                                       |
|                                                      |                                                                     | PM                             | 6.08           | 26.46   |                                                           |                                                                                  |                                                       |
|                                                      |                                                                     | PM <sub>10</sub>               | 6.08           | 26.46   |                                                           |                                                                                  |                                                       |
|                                                      |                                                                     | PM <sub>2.5</sub>              | 6.08           | 26.46   |                                                           |                                                                                  |                                                       |
|                                                      |                                                                     | H <sub>2</sub> SO <sub>4</sub> | 0.11           | 0.48    |                                                           |                                                                                  |                                                       |
|                                                      |                                                                     | NH <sub>3</sub>                | 10.99          | 48.12   |                                                           |                                                                                  |                                                       |
| H-1101, H-1102,<br>H-1103, H-1104,<br>H-1105, and H- | Pyrolysis Furnaces<br><br>(H-1101 through H-1107)                   | NO <sub>x</sub>                | 6.04           | --      | 5, 9, 11, 12, <a href="#">2937</a> , <a href="#">3341</a> | 5, 9, 11, 12, <a href="#">2937</a> , <a href="#">3439</a> , <a href="#">3341</a> | 5, 9, 12, <a href="#">2937</a> , <a href="#">3341</a> |
|                                                      |                                                                     | CO                             | 15.06          | --      |                                                           |                                                                                  |                                                       |
|                                                      |                                                                     | VOC                            | 0.80           | --      |                                                           |                                                                                  |                                                       |

**Major NSR Summary Table**

| Permit Numbers: 122353 and PSDTX1426 |                  |                                |                |         | Issuance Date: <del>March 23, 2022</del> <a href="#">Pending</a> |                                           |                                           |
|--------------------------------------|------------------|--------------------------------|----------------|---------|------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|
| 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 |
| 1106 (7)                             |                  | SO <sub>2</sub>                | 0.23           | --      |                                                                  |                                           |                                           |
|                                      |                  | PM                             | 1.01           | --      |                                                                  |                                           |                                           |
|                                      |                  | PM <sub>10</sub>               | 1.01           | --      |                                                                  |                                           |                                           |
|                                      |                  | PM <sub>2.5</sub>              | 1.01           | --      |                                                                  |                                           |                                           |
|                                      |                  | H <sub>2</sub> SO <sub>4</sub> | 0.02           | --      |                                                                  |                                           |                                           |
|                                      |                  | NH <sub>3</sub>                | 1.83           | --      |                                                                  |                                           |                                           |
| HDECOKE1                             | Decoke Cyclone 1 | CO                             | 280.00         | 65.34   | 5, 13                                                            | 5, 13, <del>34</del> <a href="#">39</a>   | 5                                         |
|                                      |                  | PM                             | 1.36           | 0.60    |                                                                  |                                           |                                           |
|                                      |                  | PM <sub>10</sub>               | 1.36           | 0.60    |                                                                  |                                           |                                           |
|                                      |                  | PM <sub>2.5</sub>              | 1.36           | 0.60    |                                                                  |                                           |                                           |
| HDECOKE2                             | Decoke Cyclone 2 | CO                             | 280.00         | 65.34   | 5, 13                                                            | 5, 13, <del>34</del> <a href="#">39</a>   | 5                                         |
|                                      |                  | PM                             | 1.36           | 0.60    |                                                                  |                                           |                                           |
|                                      |                  | PM <sub>10</sub>               | 1.36           | 0.60    |                                                                  |                                           |                                           |
|                                      |                  | PM <sub>2.5</sub>              | 1.36           | 0.60    |                                                                  |                                           |                                           |

**Major NSR Summary Table**

| Permit Numbers: 122353 and PSDTX1426 |                                   |                          |                |         | Issuance Date: <del>March 23, 2022</del> <a href="#">Pending</a> |                                                       |                                           |
|--------------------------------------|-----------------------------------|--------------------------|----------------|---------|------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------|
| 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 |
| XF-4601                              | Multi-Point Ground Flare - Normal | NO <sub>x</sub>          | 8.29           | 35.86   | 3, 5, 14, <a href="#">3240</a>                                   | 3, 5, 14, <a href="#">3439</a>                        | 3, 5, 14                                  |
|                                      |                                   | CO                       | 33.03          | 142.82  |                                                                  |                                                       |                                           |
|                                      |                                   | VOC                      | 13.86          | 59.93   |                                                                  |                                                       |                                           |
|                                      |                                   | SO <sub>2</sub>          | 0.34           | 1.48    |                                                                  |                                                       |                                           |
|                                      | Multi-Point Ground Flare - MSS    | NO <sub>x</sub>          | 919.05         | 58.41   |                                                                  |                                                       |                                           |
|                                      |                                   | CO                       | 3,660.23       | 232.64  |                                                                  |                                                       |                                           |
|                                      |                                   | VOC                      | 2,077.69       | 98.16   |                                                                  |                                                       |                                           |
|                                      |                                   | SO <sub>2</sub>          | 0.02           | 0.10    |                                                                  |                                                       |                                           |
| X-3800                               | Thermal Oxidizer                  | NO <sub>x</sub>          | 0.65           | --      | 3, 5, 15, <a href="#">2937</a>                                   | 3, 5, 15, <a href="#">2937</a> , <a href="#">3439</a> | 3, 5, 15, <a href="#">2937</a>            |
|                                      |                                   | CO                       | 0.41           | --      |                                                                  |                                                       |                                           |
|                                      |                                   | VOC                      | 0.65           | --      |                                                                  |                                                       |                                           |
|                                      |                                   | SO <sub>2</sub>          | 0.02           | --      |                                                                  |                                                       |                                           |
|                                      |                                   | PM                       | 0.04           | --      |                                                                  |                                                       |                                           |
|                                      |                                   | PM <sub>10</sub>         | 0.04           | --      |                                                                  |                                                       |                                           |

Major NSR Summary Table

| Permit Numbers: 122353 and PSDTX1426 |                                                                         |                          |                |         | Issuance Date: <a href="#">March 23, 2022</a> <a href="#">Pending</a> |                                                       |                                           |
|--------------------------------------|-------------------------------------------------------------------------|--------------------------|----------------|---------|-----------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------|
| 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 <sub>2.5</sub>        | 0.04           | --      |                                                                       |                                                       |                                           |
| BACK-UP CD                           | Backup Thermal Oxidizer                                                 | NO <sub>x</sub>          | 0.65           | --      | 3, 5, 15, <a href="#">2937</a>                                        | 3, 5, 15, <a href="#">2937</a> , <a href="#">3439</a> | 3, 5, 15, <a href="#">2937</a>            |
|                                      |                                                                         | CO                       | 0.41           | --      |                                                                       |                                                       |                                           |
|                                      |                                                                         | VOC                      | 0.65           | --      |                                                                       |                                                       |                                           |
|                                      |                                                                         | SO <sub>2</sub>          | 0.02           | --      |                                                                       |                                                       |                                           |
|                                      |                                                                         | PM                       | 0.04           | --      |                                                                       |                                                       |                                           |
|                                      |                                                                         | PM <sub>10</sub>         | 0.04           | --      |                                                                       |                                                       |                                           |
|                                      |                                                                         | PM <sub>2.5</sub>        | 0.04           | --      |                                                                       |                                                       |                                           |
| X-3800 and BACK-UP CD                | Total Annual Emissions for Thermal Oxidizer and Backup Thermal Oxidizer | NO <sub>x</sub>          | --             | 3.40    | 3, 5, 15, <a href="#">2937</a>                                        | 3, 5, 15, <a href="#">2937</a> , <a href="#">3439</a> | 3, 5, 15, <a href="#">2937</a>            |
|                                      |                                                                         | CO                       | --             | 2.14    |                                                                       |                                                       |                                           |
|                                      |                                                                         | VOC                      | --             | 0.12    |                                                                       |                                                       |                                           |
|                                      |                                                                         | SO <sub>2</sub>          | --             | 0.11    |                                                                       |                                                       |                                           |
|                                      |                                                                         | PM                       | --             | 0.20    |                                                                       |                                                       |                                           |
|                                      |                                                                         | PM <sub>10</sub>         | --             | 0.20    |                                                                       |                                                       |                                           |

Major NSR Summary Table

| Permit Numbers: 122353 and PSDTX1426 |                               |                          |                |             | Issuance Date: <del>March 23, 2022</del> <u>Pending</u> |                                             |                                           |
|--------------------------------------|-------------------------------|--------------------------|----------------|-------------|---------------------------------------------------------|---------------------------------------------|-------------------------------------------|
| 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 <sub>2.5</sub>        | --             | 0.20        |                                                         |                                             |                                           |
| X-3401                               | Cooling Tower                 | VOC                      | 6.30           | 27.59       | 5, 17                                                   | 5, 17, <del>34</del> <u>39</u>              | 5, 17                                     |
|                                      |                               | PM                       | 0.92           | 4.03        |                                                         |                                             |                                           |
|                                      |                               | PM <sub>10</sub>         | 0.71           | 3.11        |                                                         |                                             |                                           |
|                                      |                               | PM <sub>2.5</sub>        | 0.01           | 0.01        |                                                         |                                             |                                           |
| SCFUG (5)                            | Equipment Leak Fugitives      | VOC                      | 3.92           | 17.17       | 3, 5, 18, 19                                            | 3, 5, 18, 19, <del>34</del> <u>39</u>       | 3, 5, 18                                  |
|                                      |                               | NH <sub>3</sub>          | 0.18           | 0.80        |                                                         |                                             |                                           |
| <u>BLRFUG (5)</u>                    | <u>Steam Boiler Fugitives</u> | <u>VOC</u>               | <u>0.01</u>    | <u>0.06</u> | <u>3, 5, 19</u>                                         | <u>3, 5, 19, 39</u>                         | <u>3, 5</u>                               |
|                                      |                               | <u>NH<sub>3</sub></u>    | <u>0.01</u>    | <u>0.04</u> |                                                         |                                             |                                           |
| EMERGEN1                             | Emergency Generator 1         | NO <sub>x</sub>          | 0.74           | 0.04        | 3, 5, <u>2021</u>                                       | 3, 5, <u>2021</u> , <del>34</del> <u>39</u> | 3, 5                                      |
|                                      |                               | CO                       | 3.86           | 0.19        |                                                         |                                             |                                           |
|                                      |                               | VOC                      | 0.28           | 0.01        |                                                         |                                             |                                           |
|                                      |                               | SO <sub>2</sub>          | 0.01           | <0.01       |                                                         |                                             |                                           |
|                                      |                               | PM                       | 0.03           | <0.01       |                                                         |                                             |                                           |
|                                      |                               | PM <sub>10</sub>         | 0.03           | <0.01       |                                                         |                                             |                                           |

**Major NSR Summary Table**

|  |  |                   |      |       |  |  |  |
|--|--|-------------------|------|-------|--|--|--|
|  |  | PM <sub>2.5</sub> | 0.03 | <0.01 |  |  |  |
|--|--|-------------------|------|-------|--|--|--|

| Permit Numbers: 122353 and PSDTX1426 |                              |                                     |                       |                          | Issuance Date: <a href="#">March 23, 2022</a> <a href="#">Pending</a>                                                                                             |                                                                                                                                                                                          |                                           |
|--------------------------------------|------------------------------|-------------------------------------|-----------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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 |
| EMERGEN2                             | Emergency Generator 2        | NO <sub>x</sub>                     | 0.74                  | 0.04                     | 3, 5, <a href="#">2021</a>                                                                                                                                        | 3, 5, <a href="#">2021</a> , <a href="#">3439</a>                                                                                                                                        | 3, 5                                      |
|                                      |                              | CO                                  | 3.86                  | 0.19                     |                                                                                                                                                                   |                                                                                                                                                                                          |                                           |
|                                      |                              | VOC                                 | 0.28                  | 0.01                     |                                                                                                                                                                   |                                                                                                                                                                                          |                                           |
|                                      |                              | SO <sub>2</sub>                     | 0.01                  | <0.01                    |                                                                                                                                                                   |                                                                                                                                                                                          |                                           |
|                                      |                              | PM                                  | 0.03                  | <0.01                    |                                                                                                                                                                   |                                                                                                                                                                                          |                                           |
|                                      |                              | PM <sub>10</sub>                    | 0.03                  | <0.01                    |                                                                                                                                                                   |                                                                                                                                                                                          |                                           |
|                                      |                              | PM <sub>2.5</sub>                   | 0.03                  | <0.01                    |                                                                                                                                                                   |                                                                                                                                                                                          |                                           |
| SCMSS                                | Planned MSS Activities       | NO <sub>x</sub>                     | 0.01                  | 0.01                     | 5, <a href="#">2429</a> , <a href="#">2230</a> , <a href="#">2432</a> , <a href="#">2533</a> , <a href="#">2634</a> , <a href="#">2735</a> , <a href="#">2836</a> | 5, <a href="#">2429</a> , <a href="#">2230</a> , <a href="#">2432</a> , <a href="#">2533</a> , <a href="#">2634</a> , <a href="#">2735</a> , <a href="#">2836</a> , <a href="#">3439</a> | 5                                         |
|                                      |                              | CO                                  | 0.01                  | 0.01                     |                                                                                                                                                                   |                                                                                                                                                                                          |                                           |
|                                      |                              | VOC                                 | 42.18                 | 4.78                     |                                                                                                                                                                   |                                                                                                                                                                                          |                                           |
|                                      |                              | PM                                  | 0.02                  | <0.01                    |                                                                                                                                                                   |                                                                                                                                                                                          |                                           |
|                                      |                              | PM <sub>10</sub>                    | 0.01                  | <0.01                    |                                                                                                                                                                   |                                                                                                                                                                                          |                                           |
|                                      |                              | PM <sub>2.5</sub>                   | 0.01                  | <0.01                    |                                                                                                                                                                   |                                                                                                                                                                                          |                                           |
| <a href="#">STMBLR</a>               | <a href="#">Steam Boiler</a> | <a href="#">NO<sub>x</sub></a>      | <a href="#">5.10</a>  | <a href="#">26.16(9)</a> | <a href="#">3, 5, 22, 24, 25, 26, 28, 37</a>                                                                                                                      | <a href="#">3, 5, 22, 26, 28, 37, 39</a>                                                                                                                                                 | <a href="#">3, 5, 26, 28, 37</a>          |
|                                      |                              | <a href="#">NO<sub>x</sub>(MSS)</a> | <a href="#">30.60</a> |                          |                                                                                                                                                                   |                                                                                                                                                                                          |                                           |
|                                      |                              | <a href="#">CO</a>                  | <a href="#">18.85</a> | <a href="#">85.39(9)</a> |                                                                                                                                                                   |                                                                                                                                                                                          |                                           |

|  |  |                                  |                       |                       |  |  |  |
|--|--|----------------------------------|-----------------------|-----------------------|--|--|--|
|  |  | <a href="#">CO (MSS)</a>         | <a href="#">37.70</a> |                       |  |  |  |
|  |  | <a href="#">VOC</a>              | <a href="#">2.75</a>  | <a href="#">12.05</a> |  |  |  |
|  |  | <a href="#">SO<sub>2</sub></a>   | <a href="#">7.50</a>  | <a href="#">32.85</a> |  |  |  |
|  |  | <a href="#">PM</a>               | <a href="#">3.80</a>  | <a href="#">16.64</a> |  |  |  |
|  |  | <a href="#">PM<sub>10</sub></a>  | <a href="#">3.80</a>  | <a href="#">16.64</a> |  |  |  |
|  |  | <a href="#">PM<sub>2.5</sub></a> | <a href="#">3.80</a>  | <a href="#">16.64</a> |  |  |  |
|  |  | <a href="#">NH<sub>3</sub></a>   | <a href="#">2.29</a>  | <a href="#">10.03</a> |  |  |  |

- (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) VOC
  - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- NO<sub>x</sub>
  - total oxides of nitrogen
- SO<sub>2</sub>
  - sulfur dioxide
- PM
  - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented
- PM<sub>10</sub>
  - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
- PM<sub>2.5</sub>
  - particulate matter equal to or less than 2.5 microns in diameter
- CO
  - carbon monoxide
- NH<sub>3</sub>
  - ammonia
- H<sub>2</sub>SO<sub>4</sub>
  - sulfuric acid
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) The EPN FURNCAP is a short-term and annual cap of emissions from all furnaces, EPNs H-1101, H-1102, H-1103, H-1104, H-1105, and H-1106.
- (7) These are the short-term emission rates of each furnace, EPNs H-1101, H-1102, H-1103, H-1104, H-1105, and H-1106.
- (8) These emission rates apply across all furnaces in the cap when any one furnace is in one of the planned maintenance, startup and shutdown scenarios defined in the Special Conditions.
- (9) [These emission rates represent the total annual ton per year \(tpy\) for MSS and Routine combined.](#)

Major NSR Summary Table

| Permit Number: GHGPSDTX114M1 |                                                 |                               |                | Issuance Date: <del>March 23, 2022</del> Pending |                                                               |                                           |
|------------------------------|-------------------------------------------------|-------------------------------|----------------|--------------------------------------------------|---------------------------------------------------------------|-------------------------------------------|
| Emission Point No. (1)       | Source Name (2)                                 | Air Contaminant Name (3)      | Emission Rates | Monitoring and Testing Requirements              | Recordkeeping Requirements                                    | Reporting Requirements                    |
|                              |                                                 |                               | TPY (4)        | Special Condition/Application Information        | Special Condition/Application Information                     | Special Condition/Application Information |
| FURNCAP (7)                  | Pyrolysis Furnace Block (H-1101 through H-1106) | CO <sub>2</sub> (5)           | 1,154,397      | 3                                                | 3, <del>2122</del> , <del>2223</del> , <del>2324</del>        | 4                                         |
|                              |                                                 | CH <sub>4</sub> (5)           | 19.4           |                                                  |                                                               |                                           |
|                              |                                                 | N <sub>2</sub> O (5)          | 2.3            |                                                  |                                                               |                                           |
|                              |                                                 | CO <sub>2</sub> e (8)(9)      | 1,155,580      |                                                  |                                                               |                                           |
|                              |                                                 | CO <sub>2</sub> e (10)        | 1,155,560      |                                                  |                                                               |                                           |
| SCFUG                        | Process Fugitive Emissions (6)                  | CO <sub>2</sub> (5)           | 3.5            | 14                                               | 14, <del>2122</del> , <del>2223</del> , <del>2324</del>       |                                           |
|                              |                                                 | CH <sub>4</sub> (5)           | 60.0           |                                                  |                                                               |                                           |
|                              |                                                 | CO <sub>2</sub> e (8)(9)      | 1,503          |                                                  |                                                               |                                           |
|                              |                                                 | CO <sub>2</sub> e (10)        | 1,684          |                                                  |                                                               |                                           |
| <u>BLRFUG</u>                | <u>Steam Boiler Fugitives (6)</u>               | <u>CO<sub>2</sub> (5)</u>     | <u>0.04</u>    | <u>14</u>                                        | <u>14, 22, 23, 24</u>                                         |                                           |
|                              |                                                 | <u>CH<sub>4</sub> (5)</u>     | <u>0.84</u>    |                                                  |                                                               |                                           |
|                              |                                                 | <u>CO<sub>2</sub>e (8)(9)</u> | <u>21</u>      |                                                  |                                                               |                                           |
|                              |                                                 | <u>CO<sub>2</sub>e (10)</u>   | <u>24</u>      |                                                  |                                                               |                                           |
| XF-4601                      | Multi-Point Ground Flare                        | CO <sub>2</sub> (5)           | 60,117         | 8, 9, 11                                         | 8, 9, 11, <del>2122</del> , <del>2223</del> , <del>2324</del> | 11                                        |
|                              |                                                 | CH <sub>4</sub> (5)           | 130            |                                                  |                                                               |                                           |

**Major NSR Summary Table**

|                          |                   |                          |        |        |                             |        |
|--------------------------|-------------------|--------------------------|--------|--------|-----------------------------|--------|
|                          |                   | N <sub>2</sub> O (5)     | 0.76   |        |                             |        |
|                          |                   | CO <sub>2</sub> e (8)(9) | 63,496 |        |                             |        |
|                          |                   | CO <sub>2</sub> e (10)   | 63,958 |        |                             |        |
| X-3800 and<br>BACK-UP CD | Thermal Oxidizers | CO <sub>2</sub> (5)      | 11,399 | 10, 11 | 10, 11, 2422, 2223,<br>2324 | 10, 11 |
|                          |                   | CH <sub>4</sub> (5)      | 0.15   |        |                             |        |
|                          |                   | N <sub>2</sub> O (5)     | 0.03   |        |                             |        |

**Major NSR Summary Table**

| Permit Number: GHGPSDTX114 |                     |                                  |                | Issuance Date: <del>March 23, 2022</del> <u>Pending</u> |                                             |                                           |
|----------------------------|---------------------|----------------------------------|----------------|---------------------------------------------------------|---------------------------------------------|-------------------------------------------|
| Emission Point No. (1)     | Source Name (2)     | Air Contaminant Name (3)         | Emission Rates | Monitoring and Testing Requirements                     | Recordkeeping Requirements                  | Reporting Requirements                    |
|                            |                     |                                  | TPY (4)        | Special Condition/Application Information               | Special Condition/Application Information   | Special Condition/Application Information |
|                            |                     | CO <sub>2</sub> e (8) <u>(9)</u> | 11,412         |                                                         |                                             |                                           |
|                            |                     | <u>CO<sub>2</sub>e (10)</u>      | <u>11,411</u>  |                                                         |                                             |                                           |
| X-3401                     | Cooling Tower       | CH <sub>4</sub> (5)              | 1.7            | 13                                                      | 13, <u>2422</u> , <u>2223</u> , <u>2324</u> |                                           |
|                            |                     | CO <sub>2</sub> e (8) <u>(9)</u> | 42             |                                                         |                                             |                                           |
|                            |                     | <u>CO<sub>2</sub>e (10)</u>      | <u>48</u>      |                                                         |                                             |                                           |
| EMERGEN1                   | Emergency Generator | CO <sub>2</sub> (5)              | 27.82          | 12                                                      | 12, <u>2422</u> , <u>2223</u> , <u>2324</u> | 12                                        |
|                            |                     | CH <sub>4</sub> (5)              | <0.01          |                                                         |                                             |                                           |
|                            |                     | N <sub>2</sub> O (5)             | <0.01          |                                                         |                                             |                                           |
|                            |                     | CO <sub>2</sub> e (8) <u>(9)</u> | 27.90          |                                                         |                                             |                                           |
|                            |                     | <u>CO<sub>2</sub>e (10)</u>      | <u>28</u>      |                                                         |                                             |                                           |
| EMERGEN2                   | Emergency Generator | CO <sub>2</sub> (5)              | 27.82          | 12                                                      | 12, <u>2422</u> , <u>2223</u> , <u>2324</u> | 12                                        |
|                            |                     | CH <sub>4</sub> (5)              | <0.01          |                                                         |                                             |                                           |
|                            |                     | N <sub>2</sub> O (5)             | <0.01          |                                                         |                                             |                                           |
|                            |                     | CO <sub>2</sub> e (8) <u>(9)</u> | 27.90          |                                                         |                                             |                                           |
|                            |                     | <u>CO<sub>2</sub>e (10)</u>      | <u>28</u>      |                                                         |                                             |                                           |

**Major NSR Summary Table**

|          |                  |                                                                |        |   |                                                                       |  |
|----------|------------------|----------------------------------------------------------------|--------|---|-----------------------------------------------------------------------|--|
| HDECOKE1 | Decoke Cyclone 1 | CO <sub>2</sub> (5)                                            | 205.92 | 7 | 7, <a href="#">2422</a> , <a href="#">2223</a> , <a href="#">2324</a> |  |
|          |                  | CO <sub>2</sub> e (8) <a href="#">(9)</a> <a href="#">(10)</a> | 205.92 |   |                                                                       |  |
| HDECOKE2 | Decoke Cyclone 2 | CO <sub>2</sub> (5)                                            | 205.92 | 7 | 7, <a href="#">2422</a> , <a href="#">2223</a> , <a href="#">2324</a> |  |

**Major NSR Summary Table**

| Permit Number: GHGPSDTX114 |                              |                                        |                          | Issuance Date: <del>March 23, 2022</del> <u>Pending</u> |                                           |                                           |
|----------------------------|------------------------------|----------------------------------------|--------------------------|---------------------------------------------------------|-------------------------------------------|-------------------------------------------|
| Emission Point No. (1)     | Source Name (2)              | Air Contaminant Name (3)               | Emission Rates           | Monitoring and Testing Requirements                     | Recordkeeping Requirements                | Reporting Requirements                    |
|                            |                              |                                        | TPY (4)                  | Special Condition/Application Information               | Special Condition/Application Information | Special Condition/Application Information |
|                            |                              | CO <sub>2</sub> e (8)(9)(10)           | 205.92                   |                                                         |                                           |                                           |
| <a href="#">STMBLR</a>     | <a href="#">Steam Boiler</a> | <a href="#">CO<sub>2</sub> (5)</a>     | <a href="#">261,304</a>  | <a href="#">15</a>                                      | <a href="#">15, 22, 23, 24</a>            |                                           |
|                            |                              | <a href="#">CH<sub>4</sub> (5)</a>     | <a href="#">4.92</a>     |                                                         |                                           |                                           |
|                            |                              | <a href="#">N<sub>2</sub>O (5)</a>     | <a href="#">0.49</a>     |                                                         |                                           |                                           |
|                            |                              | <a href="#">CO<sub>2</sub>e (8)(9)</a> | <a href="#">261,573.</a> |                                                         |                                           |                                           |
|                            |                              | <a href="#">CO<sub>2</sub>e (10)</a>   | <a href="#">261,572</a>  |                                                         |                                           |                                           |

(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) CO<sub>2</sub> - carbon dioxide

N<sub>2</sub>O - nitrous oxide

CH<sub>4</sub> - methane

CO<sub>2</sub>e - carbon dioxide equivalents based on the following Global Warming Potentials (GWPs)

The GWPs effective January 1, 2015 through December 31, 2024 (79 FR 73779, December 11, 2014) are the following:

CO<sub>2</sub> (1), N<sub>2</sub>O (298), CH<sub>4</sub> (25).

The GWPs effective January 1, 2025 and later (89 FR 31894, April 25, 2024) are the following:

CO<sub>2</sub> (1), N<sub>2</sub>O (265), CH<sub>4</sub> (28). (1/2015): CO<sub>2</sub> (1), N<sub>2</sub>O (298), CH<sub>4</sub> (25)

(4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period. These rates include emissions from maintenance, startup, and shutdown.

(5) Emission rate is given for informational purposes only and does not constitute enforceable limit.

(6) Emission rate is an estimate and is enforceable through compliance with the special conditions.

(7) The EPN FURNCAP is a cap of annual emissions from Furnaces H-1101, H-1102, H-1103, H-1104, H-1105, and H-1106.

(8) Compliance with annual emission limits (tons per year) is demonstrated by compliance with emission limits given in permit 122353 and PSDTX1426M1.

(9) CO<sub>2</sub>e calculated based on GWPs effective for January 1, 2015 through December 31, 2024, which are GWPs of 1 for CO<sub>2</sub>, 298 for N<sub>2</sub>O, 25 for CH<sub>4</sub>, and 22,800 for SF<sub>6</sub>.

### Major NSR Summary Table

(8)(10) CO<sub>2e</sub> calculated based on GWPs effective for January 1, 2025 and later, which are GWPs of 1 for CO<sub>2</sub>, 265 for N<sub>2</sub>O, 28 for CH<sub>4</sub>, and 23,500 for SF<sub>6</sub>.