

Texas Commission on Environmental Quality

Title V Existing

2026

Site Information (Regulated Entity)

| | |
|---|--------------------------|
| What is the name of the permit area to be authorized? | HIGH PRESSURE II UNIT |
| Does the site have a physical address? | No |
| Because there is no physical address, describe how to locate this site: | 7501 State Highway 185 N |
| City | Seadrift |
| State | TX |
| ZIP | 77983 |
| County | CALHOUN |
| Latitude (N) (##.#####) | 28.516388 |
| Longitude (W) (-###.#####) | 96.768055 |
| Primary SIC Code | 2869 |
| Secondary SIC Code | |
| Primary NAICS Code | 325199 |
| Secondary NAICS Code | |
| Regulated Entity Site Information | |
| What is the Regulated Entity's Number (RN)? | RN102181526 |
| What is the name of the Regulated Entity (RE)? | UCC SEADRIFT OPERATIONS |
| Does the RE site have a physical address? | Yes |
| Physical Address | |
| Number and Street | 7501 STATE HIGHWAY 185 N |
| City | SEADRIFT |
| State | TX |
| ZIP | 77983 |
| County | CALHOUN |
| Latitude (N) (##.#####) | 28.499581 |
| Longitude (W) (-###.#####) | -96.767508 |
| Facility NAICS Code | |
| What is the primary business of this entity? | CHEMICAL PLANT |

Customer (Applicant) Information

| | |
|--|---------------------------|
| How is this applicant associated with this site? | Owner Operator |
| What is the applicant's Customer Number (CN)? | CN601688781 |
| Type of Customer | Corporation |
| Full legal name of the applicant: | |
| Legal Name | Union Carbide Corporation |
| Texas SOS Filing Number | 1335606 |
| Federal Tax ID | 980626782 |
| State Franchise Tax ID | 11314217305 |
| State Sales Tax ID | |

| | |
|-----------------------------------|---------|
| Local Tax ID | |
| DUNS Number | 1289008 |
| Number of Employees | 101-250 |
| Independently Owned and Operated? | No |

Responsible Official Contact

Person TCEQ should contact for questions about this application:

| | |
|--|---------------------------|
| Organization Name | The Dow Chemical Company |
| Prefix | MR |
| First | Fernando |
| Middle | |
| Last | Frollini |
| Suffix | |
| Credentials | |
| Title | Responsible Care Director |
| Enter new address or copy one from list: | |
| Mailing Address | |
| Address Type | Domestic |
| Mailing Address (include Suite or Bldg. here, if applicable) | PO BOX 186 |
| Routing (such as Mail Code, Dept., or Attn:) | |
| City | PORT LAVACA |
| State | TX |
| ZIP | 77979 |
| Phone (###-###-####) | 3615532816 |
| Extension | |
| Alternate Phone (###-###-####) | |
| Fax (###-###-####) | |
| E-mail | ffrollini@dow.com |

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

| | |
|--|--|
| Select existing DAR contact or enter a new contact. | FERNANDO FROLLINI(UNION CARBIDE C...) |
| Organization Name | UNION CARBIDE CORPORATION |
| Prefix | MR |
| First | FERNANDO |
| Middle | |
| Last | FROLLINI |
| Suffix | |
| Credentials | |
| Title | RESPONSIBLE CARE DIRECTOR |
| Enter new address or copy one from list | |
| Mailing Address | |
| Address Type | Domestic |
| Mailing Address (include Suite or Bldg. here, if applicable) | PO BOX 186 |

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

City

State

Zip

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

Extension

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

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

E-mail

PORT LAVACA

TX

77979

3615716238

f.frollini@dow.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

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

SHAWN PENA(THE DOW CHEMICAL...)

THE DOW CHEMICAL COMPANY

MR

SHAWN

PENA

ENVIRONMENTAL SPECIALIST

Domestic

PO BOX 186

PORT LAVACA

TX

77979

3615533401

shawn.pena@dow.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. Select the permit/project number for which this update should be applied.

5) Who will electronically sign this Title V application?

6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule

SOP

28 Deg 30 Min 59 Sec

96 Deg 46 Min 5 Sec

Update

2026-37269

Duly Authorized Representative

No

requirements?

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)

[File Properties]

File Name

OP_REQ1_2025_08_22_OP-REQ1.pdf

Hash

41DD84E17FC44FEC6DA3FB51E3B27E5A3653B671D549FC49543545DF8324C953

MIME-Type

application/pdf

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

[File Properties]

File Name

OP_PBRSUP_2025_08_22_OP-PBRSUP.pdf

Hash

6D1528CFD5010F5BA37C73194FD4C2C146FA020A615E0AB526552081C9EB95CB

MIME-Type

application/pdf

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 Void Request Form

Attach any other necessary information needed to complete the permit.

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

Certification

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

1. I am Fernando Frollini, the owner of the STEERS account ER100782.
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 2026.
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: Fernando Frollini OWNER OPERATOR

| | |
|--------------------------------------|--|
| Account Number: | ER100782 |
| Signature IP Address: | 136.226.100.103 |
| Signature Date: | 2025-08-22 |
| Signature Hash: | ADB18F39BF45922D7D54298D4BB38614B6108BA7F36B0BF4190AE641F752765D |
| Form Hash Code at time of Signature: | 73330601E5BDA90F4022D7549CD978B6A9CF8FBF67F2D264916376A274AD59DE |

Submission

| | |
|----------------------|---|
| Reference Number: | The application reference number is 810992 |
| Submitted by: | The application was submitted by ER100782/Fernando Frollini |
| Submitted Timestamp: | The application was submitted on 2025-08-22 at 11:13:47 CDT |
| Submitted From: | The application was submitted from IP address 136.226.100.103 |
| Confirmation Number: | The confirmation number is 672981 |
| Steers Version: | The STEERS version is 6.92 |
| Permit Number: | The permit number is 2026 |

Additional Information

Application Creator: This account was created by Shawn Pena

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

| Date | Permit Number | Regulated Entity Number |
|------------|---------------|-------------------------|
| 08/22/2025 | O2026 | RN102181526 |

| Unit ID No. | Registration No. | PBR No. | Registration Date |
|---------------------|------------------|----------------------------|-------------------|
| 251, 269 | 169847 | PBR 106.261 PBR 106.478 | 09/15/2022 |
| 254-268 and 271-282 | 118024 | PBR 106.261 PBR 106.262 | 05/30/2014 |
| 1245, 549 | 108571 | PBR 106.261 PBR 106.262 | 07/10/2013 |
| 251, 269 | 84497 | PBR 106.261 | 05/06/2008 |
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Permit By Rule Supplemental Table (Page 2)
Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

| Date | Permit Number | Regulated Entity Number |
|------------|---------------|-------------------------|
| 08/22/2025 | O2026 | RN102181526 |

| Unit ID No. | PBR No. | Version No./Date |
|-------------|----------------------------|--------------------------|
| 669, 672 | PBR 106.472 | 09/04/2000 |
| 414 | PBR 106.495 PBR 106.264 | 09/04/2000 09/04/2000 |
| PROHP2 | PBR 106.263 | 11/01/2001 |
| 253 | PBR 106.264 | 09/04/2000 |
| HP2FUGS | PBR 106.261 | 11/01/2003 |
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Permit By Rule Supplemental Table (Page 3)
Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area
Texas Commission on Environmental Quality

| Date | Permit Number | Regulated Entity Number |
|------------|---------------|-------------------------|
| 08/22/2025 | O2026 | RN102181526 |

| PBR No. | Version No./Date |
|---------|------------------|
| N/A | |
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Permit By Rule Supplemental Table (Page 4)
Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality

| Date | Permit Number | Regulated Entity Number |
|------------|---------------|-------------------------|
| 08/22/2025 | O2026 | RN102181526 |

| Unit ID No. | PBR No. | Version No./Date Or Registration No. | Monitoring Requirement |
|---------------------|----------------------------|--------------------------------------|---|
| 251, 269 | PBR 106.261 PBR 106.478 | 169847 | Hours of online time for equipment are tracked. Monitoring is performed for fugitive emission components. |
| 254-268 and 271-282 | PBR 106.261 PBR 106.262 | 118024 | Production throughput for bins is tracked. |
| 1245, 549 | PBR 106.261 PBR 106.262 | 108571 | Production throughput for equipment is tracked. |
| 669, 672 | PBR 106.472 | 09/04/2000 | Throughput for equipment is tracked. |
| 414 | PBR 106.495 PBR 106.264 | 09/04/2000 09/04/2000 | Hours of operating for screenpack burner is tracked. |
| 251, 269 | PBR 106.261 | 84497 | Equipment is monitored under fugitive emission program. |
| PROHP2 | PBR 106.263 | 11/01/2001 | Track emissions on a rolling 12-month basis. |
| 253 | PBR 106.264 | 09/04/2000 | Track throughput and hours of operation for equipment. |
| HP2FUGS | PBR 106.261 | 11/01/2003 | Monitoring is performed for fugitive emission components. |
| | | | |

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 1)

Federal Operating Permit Program

Texas Commission on Environmental Quality

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 08/22/2025 | O-2026 | RN102181526 |

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

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. |
|------------|------------|----------------------|
| 08/22/2025 | O-2026 | RN102181526 |

For SOP applications, answer ALL questions unless otherwise directed.

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

| | | |
|--|--|---|
| I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued) | | |
| B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots | | |
| 1. Items a - d determine applicability of any of these requirements based on geographical location. | | |
| ◆ | a. The application area is located within the city of El Paso. | <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 |
| C. Emissions Limits on Nonagricultural Processes | | |
| ◆ | 1. The application area includes a nonagricultural process subject to 30 TAC § 111.151. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| | 2. The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements. <i>If the response to Question I.C.2 is "No," go to Question I.C.4.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| | 3. All vents from nonagricultural process in the application area are subject to additional monitoring requirements. | <input type="checkbox"/> Yes <input type="checkbox"/> No |

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 3)

Federal Operating Permit Program

Texas Commission on Environmental Quality

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 08/22/2025 | O-2026 | RN102181526 |

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 4)

Federal Operating Permit Program Texas Commission on Environmental Quality

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 08/22/2025 | O-2026 | RN102181526 |

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 5)

Federal Operating Permit Program

Texas Commission on Environmental Quality

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 08/22/2025 | O-2026 | RN102181526 |

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

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 6)

Federal Operating Permit Program

Texas Commission on Environmental Quality

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 08/22/2025 | O-2026 | RN102181526 |

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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|--|---|---|
| III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued) | | |
| E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued) | | |
| ◆ 8. | At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004. <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 |
| F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) | | |
| ◆ 1. | Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area. | <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) | | |
| F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued) | | |
| ◆ 2. | Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area. | <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 |
| G. Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities | | |
| ◆ 1. | The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks. <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. <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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| III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued) | | |
| H. Control of Reid Vapor Pressure (RVP) of Gasoline | | |
| ◆ 1. | The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County. <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 checked="" type="checkbox"/> No <input 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 |
| I. Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries | | |
| 1. | The application area is located at a petroleum refinery. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| J. Surface Coating Processes (Complete this section for GOP applications only.) | | |
| ◆ 1. | Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(3)(A) or 115.427(7) are performed in the application area. | <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) | | |
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| K. Cutback Asphalt | | |
| 1. | Conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots, is used or specified for use in the application area by a state, municipal, or county agency. <i>If the response to Question III.K.1 is "N/A," go to Section III.L.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| 2. | The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area. | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| 3. | Asphalt emulsion is used or produced within the application area. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 4. | The application area is using an alternate control requirement as specified in 30 TAC § 115.513. <i>If the response to Question III.K.4 is "No," go to Section III.L.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 5. | The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1). | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 6. | The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 7. | The applicant using cutback asphalt is a state, municipal, or county agency. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels | | |
| ◆ 1. | The application area includes degassing operations for stationary, marine, and/or transport vessels. <i>If the response to Question III.L.1 is "No" or "N/A," go to Section III.M.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| ◆ 2. | Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area. <i>If the response to Question III.L.2 is "Yes," go to Section III.M.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |

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| 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. <i>If the responses to Questions III.N.1 and III.N.2 are both "No" or "N/A," go to Section III.O. If the response to Question III.N.1 is "Yes," continue with Question III.N.3.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| 3. | All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 4. | All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times. <i>If the responses to Questions III.N.3 and III.N.4 are both "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. | <p>The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area.</p> <p><i>For SOP applications, if the response to Question IV.A.1 is "Yes," complete Sections IV.B - IV.F and IV.H.</i></p> <p><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></p> <p><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></p> <p><i>For GOP applications, if the response to Question IV.A.1 is "No," go to Section VI.</i></p> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2. | <p>The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln.</p> <p><i>If the response to Question IV.A.2 is "Yes," go to Question IV.H.1.</i></p> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3. | <p>The application area includes a utility electric generator in an east or central Texas county.</p> <p><i>See instructions for a list of counties included.</i></p> <p><i>If the response to Question IV.A.3 is "Yes," go to Question IV.G.1.</i></p> <p><i>If the responses to Questions IV.A.1 - 3 are all "No," go to Question IV.H.1.</i></p> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| B. Utility Electric Generation in Ozone Nonattainment Areas | | |
| 1. | <p>The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300.</p> <p><i>If the response to Question IV.B.1 is "No," go to Question IV.C.1.</i></p> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 2. | <p>The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.</p> | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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

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

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| V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products | |
| A. Subpart B - National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings | |
| 1. The application area manufactures automobile refinishing coatings or coating components and sells or distributes these coatings or coating components in the United States. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2. The application area imports automobile refinishing coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States. <i>If the responses to Questions V.A.1 and V.A.2 are both "No," go to Section V.B.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3. All automobile refinishing coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6). | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| B. Subpart C - National Volatile Organic Compound Emission Standards for Consumer Products | |
| 1. The application area manufactures consumer products for sale or distribution in the United States. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2. The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3. The application area is a distributor of consumer products whose name appears on the label of one or more of the products. <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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| V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products (continued) | | |
| C. Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings | | |
| 1. | The application area manufactures or imports architectural coatings for sale or distribution in the United States. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2. | The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. <i>If the responses to Questions V.C.1-2 are both "No," go to Section V.D.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3. | All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5). | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| D. Subpart E - National Volatile Organic Compound Emission Standards for Aerosol Coatings | | |
| 1. | The application area manufactures or imports aerosol coating products for sale or distribution in the United States. | <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 |
| E. Subpart F - Control of Evaporative Emissions from New and In-Use Portable Fuel Containers | | |
| 1. | The application area manufactures or imports portable fuel containers for sale or distribution in the United States. <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 |
| VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards | | |
| A. Applicability | | |
| ◆ 1. | The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts. <i>If the response to Question VI.A.1 is "No," go to Section VII.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

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

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| VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued) | | |
| B. Subpart Y - Standards of Performance for Coal Preparation and Processing Plants | | |
| 1. | The application area is located at a coal preparation and processing plant. <i>If the response to Question VI.B.1 is "No," go to Section VI.C.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 2. | The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). <i>If the response to Question VI.B.2 is "No," go to Section VI.C.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 3. | The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. <i>If the response to Question VI.B.3 is "Yes," go to Section VI.C.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 4. | The plant contains an open storage pile, as defined in § 60.251, as an affected facility. <i>If the response to Question VI.B.4 is "No," go to Section VI.C.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 5. | The open storage pile was constructed, reconstructed or modified after May 27, 2009. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) | | |
| ◆ 1. | The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired. <i>If the response to Question VI.C.1 is "No" or "N/A," go to Section VI.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. <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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| VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued) | | |
| C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued) | | |
| ◆ 5. | One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| D. Subpart XX - Standards of Performance for Bulk Gasoline Terminals | | |
| 1. | The application area includes bulk gasoline terminal loading racks. <i>If the response to Question VI.D.1 is "No," go to Section VI.E.</i> | <input type="checkbox"/> Yes <input 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 |
| E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions | | |
| ◆ 1. | The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). <i>For SOP applications, if the response to Question VI.E.1 is "No," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is or "N/A," go to Section VI.H.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 2. | The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011. <i>For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "No," go to Section VI.H.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 3. | The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD. <i>For SOP applications, if the response to Question VI.E.3 is "No," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "No," go to Section VI.H.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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| VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued) | | |
| E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions (continued) | | |
| ◆ 4. | Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD. <i>For SOP applications, if the response to Question VI.E.4. is "No," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "No," go to Section VI.H.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 5. | Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below | |
| | | |
| F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants | | |
| 1. | The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant. <i>If the response to Question VI.F.1 is "No," go to Section VI.G.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 2. | Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems | | |
| 1. | The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987. <i>If the response to Question VI.G.1 is "No," go to Section VI.H.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 2. | The application area includes storm water sewer systems. | <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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| VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued) | | |
| G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued) | | |
| 3. | The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 4. | The application area includes non-contact cooling water systems. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 5. | The application area includes individual drain systems. <i>If the response to Question VI.G.5 is "No," go to Section VI.H.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 6. | The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d). | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 7. | The application area includes completely closed drain systems. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004 | | |
| ◆ 1. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "No," go to Question VI.H.4.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| ◆ 2. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 3. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 4. | The application area includes at least one air curtain incinerator. <i>If the response to Question VI.H.4 is "No," go to Section VI.I.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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

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

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

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

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| VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued) | |
| D. Subpart L - National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants | |
| 1. The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b). <i>If the response to Question VII.D.1 is "No," go to Section VII.E.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 2. The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b). | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 3. The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| E. Subpart M - National Emission Standard for Asbestos | |
| Applicability | |
| 1. The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155. <i>If the response to Question VII.E.1 is "No," go to Section VII.F.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Roadway Construction | |
| 2. The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Manufacturing Commercial Asbestos | |
| 3. The application area includes a manufacturing operation using commercial asbestos. <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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| VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued) | |
| E. Subpart M - National Emission Standard for Asbestos (continued) | |
| <i>Manufacturing Commercial Asbestos (continued)</i> | |
| 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 |
| <i>Asbestos Spray Application</i> | |
| 4. The application area includes operations in which asbestos-containing materials are spray applied. <i>If the response to Question VII.E.4 is "No," go to Question VII.E.5.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| a. Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying. <i>If the response to Question VII.E.4.a is "Yes," go to Question VII.E.5.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| b. Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| c. An alternative emission control and waste treatment method is being used that has received prior EPA approval. | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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| VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued) | |
| E. Subpart M - National Emission Standard for Asbestos (continued) | |
| <i>Asbestos Spray Application (continued)</i> | |
| 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 |
| <i>Fabricating Commercial Asbestos</i> | |
| 5. The application area includes a fabricating operation using commercial asbestos. <i>If the response to Question VII.E.5 is "No," go to Question VII.E.6.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| a. Visible emissions are discharged to outside air from the manufacturing operation. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| b. An alternative emission control and waste treatment method is being used that has received prior EPA approval. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| c. Asbestos-containing waste material is processed into non-friable forms. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| d. Asbestos-containing waste material is adequately wetted. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| e. Alternative filtering equipment is being used that has received EPA approval. | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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| VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued) | |
| E. Subpart M - National Emission Standard for Asbestos (continued) | |
| <i>Fabricating Commercial Asbestos (continued)</i> | |
| 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 |
| <i>Non-sprayed Asbestos Insulation</i> | |
| 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 |
| <i>Asbestos Conversion</i> | |
| 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 |
| F. Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities | |
| 1. The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations | |
| 1. The application area is located at a benzene production facility and/or bulk terminal. <i>If the response to Question VII.G.1 is "No," go to Section VII.H.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 2. The application area includes benzene transfer operations at marine vessel loading racks. | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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

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

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

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| VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued) | |
| H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued) | |
| <i>Individual Drain Systems (continued)</i> | |
| 22. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VII.H.22 is "No," go to Question VII.H.25.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 23. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 24. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <i>Remediation Activities</i> | |
| 25. Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories | |
| A. Applicability | |
| ◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63. <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. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry | |
| 1. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <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). <i>If the response to Question VIII.B.2 is "No," go to Section VIII.D.</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 3. The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. | <input checked="" 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 checked="" type="checkbox"/> No |
| 5. The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does <u>not</u> use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. <i>If the response to Questions VIII.B.3, B.4 and B.5 are all "No," go to Section VIII.D.</i> | <input type="checkbox"/> Yes <input 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) | |
|---|---|
| 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 | |
| <i>Applicability</i> | |
| 1. The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F. <i>If the response to Question VIII.C.1 is "No," go to Section VIII.D.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2. The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 3. The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148. <i>If the response to Question VIII.C.3 is "No," go to Question VIII.C.8.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 4. The application area includes vapor collection systems or closed-vent systems that are constructed of hard piping. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 5. The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere. <i>If the response to Question VIII.C.5 is "No," go to Question VIII.C.8.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <i>Vapor Collection and Closed Vent Systems</i> | |
| 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. <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. <i>If the response to Question VIII.C.12 is "No," go to Question VIII.C.34.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 13. | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. <i>If the response to Question VIII.C.13 is "No," go to Question VIII.C.15.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 14. | The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii). | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 15. | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. <i>If the response to Question VIII.C.15 is "No," go to Question VIII.C.17.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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| 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>Process Wastewater Streams (continued)</i> | |
| 16. The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii). | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 17. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272. <i>If the response to Question VIII.C.17 is "No," go to Question VIII.C.20.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 18. The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i). | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 19. The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii). | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 20. The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 21. The application area includes process wastewater streams, located at existing sources that are Group 2. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 22. The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 23. The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds. | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | |
| C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued) | |
| Process Wastewater Streams (continued) | |
| 24. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.24 is "Yes," go to Question VIII.C.34.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 25. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.25 is "No," go to Question VIII.C.27.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 26. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 27. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 28. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.C.27 - VIII.C.28 are both "No," go to Question VIII.C.30.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 29. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 30. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | |
| C. Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued) | |
| Drains (continued) | |
| 37. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute. | <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 |
| Gas Streams | |
| 39. The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant. | <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 |
| D. Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks | |
| 1. The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations. | <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) | |
| 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. <i>If the response to Question VIII.E.1 is "No," go to Section VIII.F.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2. Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O. <i>If the response to Question VIII.E.2 is "No," go to Section VIII.F.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 3. The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 4. The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| F. Subpart Q - National Emission Standards for Industrial Process Cooling Towers | |
| 1. The application area includes industrial process cooling towers. <i>If the response to Question VIII.F.1 is "No," go to Section VIII.G.</i> | <input 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. <i>If the responses to Questions VIII.G.1 and VIII.G.2 are both "No," go to Section VIII.H.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station. <i>If the response to Question VIII.G.3 is "Yes," go to Question VIII.G.10.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | | |
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| G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued) | | |
| 4. | The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs. <i>If the response to Question VIII.G.4 is "Yes," go to Question VIII.G.10.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 5. | An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station. <i>If the response to Question VIII.G.5 is "No," go to Question VIII.G.10.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 6. | The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep). <i>If the response to Question VIII.G.6 is "No," go to Question VIII.G.10.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 7. | Emissions screening factor less than 0.5 (ET or EP < 0.5). <i>If the response to Question VIII.G.7 is "Yes," go to Section VIII.H.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 8. | Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0). <i>If the response to Question VIII.G.8 is "Yes," go to Section VIII.H.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 9. | Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0). <i>If the response to Question VIII.G.9 is "Yes," go to Question VIII.G.11.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 10. | The site at which the application area is located is a major source of HAP. <i>If the response to Question VIII.G.10 is "No," go to Section VIII.H.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 11. | The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f). | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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

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| 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. <i>If the response to Question VIII.J.1 is "No," go to Section VIII.K.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2. | Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U. <i>If the response to Question VIII.J.2 is "No," go to Section VIII.K.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 3. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 4. | The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482. | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | | |
|---|--|--|
| J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued) | | |
| 5. | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.5 is "Yes," go to Question VIII.J.15.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 6. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.6 is "No," go to Question VIII.J.8.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 7. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 8. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 9. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.J.8 - VIII.J.9 are both "No," go to Question VIII.J.11.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 10. | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | |
| J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued) | |
| <i>Drains (continued)</i> | |
| 17. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| K. Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production | |
| 1. The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area. <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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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | |
| L. Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting | |
| 1. The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter. <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 |
| M. Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations | |
| 1. The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries | |
| Applicability | |
| 1. The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7). <i>If the response to Question VIII.N.1 is "No," go to Section VIII.O.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2. All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7). <i>If the response to Question VIII.N.2 is "Yes," go to Section VIII.O.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | |
| N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued) | |
| <i>Applicability (continued)</i> | |
| 3. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.N.3 is "No," go to Section VIII.O.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 4. The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC. <i>If the response to Question VIII.N.4 is "No," go to Section VIII.O.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 5. The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 6. The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 7. The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. <i>If the response to Question VIII.N.7 is "No," go to 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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|---|--|
| 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) | |
| <i>Applicability (continued)</i> | |
| 9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "No," go to 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 |
| Containers, Drains, and other Appurtenances | |
| 11. The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii). | <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 |
| O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations | |
| 1. The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). <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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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | | |
|---|---|--|
| O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued) | | |
| 4. | The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10). | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 5. | The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a “state” or “municipality.” | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 6. | The predominant activity in the application area is the treatment of wastewater received from off-site. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 7. | The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6). | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 8. | The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61. | <input type="checkbox"/> YES <input type="checkbox"/> No |
| 9. | The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners). | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 10. | The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year. <i>If the response to Question VIII.O.10 is “Yes,” go to Section VIII.P.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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

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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) | | |
|---|--|--|
| 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. <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. <i>For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.R.</i> <i>For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.Z.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| ◆ 3. | The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. <i>For SOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.R.</i> <i>For GOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.Z.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 4. | The application area is located at a site that is a major source of HAP. <i>If the response to Question VIII.Q.4 is "No," go to Question VIII.Q.6.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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◆ 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) | | |
|---|---|--|
| 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 ft³) 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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| 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. <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. <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. <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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◆ 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) | |
| U. Subpart PP - National Emission Standards for Containers (continued) | |
| 4. The application area includes containers using Container Level 3 controls. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| V. Subpart RR - National Emission Standards for Individual Drain Systems | |
| 1. The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards | |
| 1. The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2. The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process. <i>If the responses to Questions VIII.W.1 and VIII.W.2 are both "No," go to Question VIII.W.20.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c). | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 4. The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c). | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 5. All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 6. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.W.6 is "No," go to Question VIII.W.8.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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| 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. <i>If the responses to Questions VIII.W.8 and W.9 are both "No," go to Question VIII.W.11.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 10. | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 11. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 12. | The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.W.12 is "No," go to Question VIII.W.15.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 13. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 14. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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

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

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

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

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

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

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| 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. <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. <i>If the response to Question VIII.X.1 is "No," go to Section VIII.Y.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2. The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units. <i>If the response to Question VIII.X.2 is "No," go to Section VIII.Y.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 3. All process wastewater streams generated or managed in the application area are from sources producing polystyrene. <i>If the response to Question VIII.X.3 is "Yes," go to Section VIII.Y.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 4. All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. <i>If the response to Question VIII.X.4 is "Yes," go to Section VIII.Y.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | |
| X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued) | |
| 13. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Containers | |
| 14. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Drains | |
| 15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <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. <i>If the response to Question VIII.X.18 is "No," go to Section VIII.Y.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | |
| X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued) | |
| Drains (continued) | |
| 19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). <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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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | | |
| Y. Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units. | | |
| 1. | The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Z. Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills. | | |
| ◆ 1. | The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) | | |
| 1. | The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1). | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 2. | The application area is located at a plant site that is a major source as defined in FCAA § 112(a). | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 3. | The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP. <i>If the response to Question VIII.AA.1, AA.2 or AA.3 is "No," go to Section VIII.BB.</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 4. | The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF. <i>If the response to Question VIII.AA.4 is "No," go to Section VIII.BB.</i> | <input 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) | |
|---|---|
| AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued) | |
| 5. The application area includes process wastewater streams. <i>If the response to Question VIII.AA.5 is "No," go to Question VIII.AA.24.</i> | <input type="checkbox"/> Yes <input checked="" 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. <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. <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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| 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. <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). <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. <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. <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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| 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). <i>If the response to Question VIII.AA.24 is "No," go to Section VIII.BB.</i> | <input type="checkbox"/> Yes <input checked="" 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). <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 |

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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.

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|--|---|
| 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

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|---|---|
| 1. The application area includes a facility at which a site remediation is conducted. <i>If the answer to Question VIII.CC.1 is "No," go to Section VIII.DD.</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
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| 2. The application area is located at a site that is a major source of HAP. <i>If the answer to Question VIII.CC.2 is "No," go to Section VIII.DD.</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
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| 3. All site remediations qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). <i>If the answer to Question VIII.CC.3 is "Yes," go to Section VIII.DD.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
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|---|---|
| 4. All site remediation activities are complete, and the Administrator has been notified in writing. <i>If the answer to Question VIII.CC.4 is "Yes," go to Section VIII.DD.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
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| 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. <i>If the answer to Question VIII.CC.5 is "Yes," go to Section VIII.DD.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
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|--|---|
| 6. The site remediation will be completed within 30 consecutive calendar days. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
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- | | |
|---|---|
| 7. No site remediation will exceed 30 consecutive calendar days. <i>If the answer to Question VIII.CC.7 is "Yes," go to Section VIII.DD.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
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|---|---|
| 8. Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
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- | | |
|--|---|
| 9. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. <i>If the answer to Question VIII.CC.9 is "Yes," go to Section VIII.DD.</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) | | |
| 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). <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. <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 ³ 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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|---|---|
| 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. <i>If the response to Question VIII.DD.1 is "No," go to Section VIII.EE.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2. The EAF steelmaking facility is a research and development facility. <i>If the response to Question VIII.DD.2 is "Yes," go to Section VIII.EE.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 3. Metallic scrap is utilized in the EAF. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 4. Scrap containing motor vehicle scrap is utilized in the EAF. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 5. Scrap not containing motor vehicle scrap is utilized in the EAF. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 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. <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) | | |
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| 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. <i>If the answer to Question VIII.EE.4 is "No," go to Question VIII.EE.6.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 5. | The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a). | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 6. | The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC. <i>If the answer to Question VIII.EE.6 is "No," go to Section VIII.FF.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 7. | The bulk gasoline terminal has throughput of less than 250,000 gallons per day. <i>If the answer to Question VIII.EE.7 is "Yes," go to Section VIII.FF.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 8. | The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 9. | The bulk gasoline terminal loads gasoline into railcar cargo tanks. <i>If the answer to Question VIII.EE.9 is "No," go to Section VIII.FF.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 10. | The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system. | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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For SOP applications, answer ALL questions unless otherwise directed.

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

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| IX. Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions | | |
| A. Applicability | | |
| ◆ 1. | The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone | | |
| A. Subpart A - Production and Consumption Controls | | |
| ◆ 1. | The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| B. Subpart B - Servicing of Motor Vehicle Air Conditioners | | |
| ◆ 1. | Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NO |
| C. Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances | | |
| ◆ 1. | The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| D. Subpart D - Federal Procurement | | |
| ◆ 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 |
| E. Subpart E - The Labeling of Products Using Ozone Depleting Substances | | |
| ◆ 1. | The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer. | <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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| X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued) | | |
| F. Subpart F - Recycling and Emissions Reduction | | |
| ◆ 1. | Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area. | <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 |
| G. Subpart G - Significant New Alternatives Policy Program | | |
| ◆ 1. | The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound. <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 |
| H. Subpart H -Halon Emissions Reduction | | |
| ◆ 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 |
| XI. Miscellaneous | | |
| A. Requirements Reference Tables (RRT) and Flowcharts | | |
| 1. | The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

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| XI. Miscellaneous (continued) | | |
| B. Forms | | |
| ◆ 1. | The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <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. 40 CFR Part 63, Subpart FFFF (MON) - Fugitives | |
| C. Emission Limitation Certifications | | |
| ◆ 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 |
| D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements | | |
| 1. | The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP). | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2. | The application area includes units located at the site that are subject to a site-specific requirement of the SIP. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3. | The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. <i>If the response to Question XI.D.3 is "Yes," please include a copy of the approval document with the application.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 4. | The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. <i>If the response to Question XI.D.4 is "Yes," please include a copy of the approval document with the application.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

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| XI. Miscellaneous (continued) | | |
| E. Title IV - Acid Rain Program | | |
| 1. | The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program. | <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 |
| F. 40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO_x Ozone Season Group 2 Trading Program | | |
| 1. | The application area includes emission units subject to the requirements of the CSAPR NO _x Ozone Season Group 2 Trading Program. <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 _x 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 _x , 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 _x , 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 _x 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 _x and heat input. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 7. | The application area includes emission units that qualify for the CSAPR NO _x Ozone Season Group 2 retired unit exemption. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

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| XI. Miscellaneous (continued) | |
| G. 40 CFR Part 97, Subpart FFFFF - Texas SO₂ Trading Program | |
| 1. The application area includes emission units complying with the requirements of the Texas SO ₂ Trading Program. <i>If the response to Question XI.G.1 is "No," go to Question XI.G.6.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2. The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO ₂ 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 ₂ 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 ₂ 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 ₂ and heat input. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 6. The application area includes emission units that qualify for the Texas SO ₂ Trading Program retired unit exemption. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| H. Permit Shield (SOP Applicants Only) | |
| 1. A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

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

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

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| XI. Miscellaneous (continued) | | |
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| L. Compliance Assurance Monitoring | | |
| ◆ 1. | The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. <i>If the response to Question XI.L.1 is "No," go to Section XI.M.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| ◆ 2. | The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. <i>If the response to Question XI.L.2 is "No," go to Section XI.M.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 3. | The permit holder has submitted a CAM proposal on Form OP-MON in a previous application. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 4. | The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application. <i>If the responses to Questions XI.L.3 and XI.L.4 are both "No," go to Section XI.M.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 5. | The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 6. | Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below. | |
| | | |
| ◆ 7. | At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 8. | All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). <i>If the response to Question XI.L.8 is "Yes," go to Section XI.M.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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

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

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. |
|------------|------------|----------------------|
| 08/22/2025 | O-2026 | RN102181526 |

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 type="checkbox"/> No |
| ◆ 12. | The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.12 is "No," go to Question XII.B.15.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 13. | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 14. | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 15. | The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 16. | The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 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. |
|------------|------------|----------------------|
| 08/22/2025 | O-2026 | RN102181526 |

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): |
|------------|---------------|----------------------------------|------------|---------------|---------------|
| PSDTX118M4 | 05/03/2024 | VOC, CO, NOX, PM, PM10, PM2.5 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

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

F. Nonattainment (NA) Permits and NA Major Pollutants

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

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

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

| NSR Permit No. | Issuance Date | NSR Permit No. | Issuance Date | NSR Permit No | Issuance Date |
|----------------|---------------|----------------|---------------|---------------|---------------|
| 2023 | 05/03/2024 | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

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. |
|------------|------------|----------------------|
| 08/22/2025 | O-2026 | RN102181526 |

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

- ◆ **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 | | | | |
| 106.262 | 11/01/2003 | | | | |
| 106.263 | 11/01/2001 | | | | |
| 106.264 | 09/04/2000 | | | | |
| 106.472 | 09/04/2000 | | | | |
| 106.478 | 09/04/2000 | | | | |
| 106.495 | 09/04/2000 | | | | |
| | | | | | |

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

| Permit No. | Issuance Date | Permit No. | Issuance Date | Permit No. | Issuance Date |
|------------|---------------|------------|---------------|------------|---------------|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Texas Commission on Environmental Quality

Title V Existing

2026

Site Information (Regulated Entity)

| | |
|---|--------------------------|
| What is the name of the permit area to be authorized? | HIGH PRESSURE II UNIT |
| Does the site have a physical address? | No |
| Because there is no physical address, describe how to locate this site: | 7501 State Highway 185 N |
| City | Seadrift |
| State | TX |
| ZIP | 77983 |
| County | CALHOUN |
| Latitude (N) (##.#####) | 28.516388 |
| Longitude (W) (-###.#####) | 96.768055 |
| Primary SIC Code | 2869 |
| Secondary SIC Code | |
| Primary NAICS Code | 325199 |
| Secondary NAICS Code | |
| Regulated Entity Site Information | |
| What is the Regulated Entity's Number (RN)? | RN102181526 |
| What is the name of the Regulated Entity (RE)? | UCC SEADRIFT OPERATIONS |
| Does the RE site have a physical address? | Yes |
| Physical Address | |
| Number and Street | 7501 STATE HIGHWAY 185 N |
| City | SEADRIFT |
| State | TX |
| ZIP | 77983 |
| County | CALHOUN |
| Latitude (N) (##.#####) | 28.499581 |
| Longitude (W) (-###.#####) | -96.767508 |
| Facility NAICS Code | |
| What is the primary business of this entity? | CHEMICAL PLANT |

Customer (Applicant) Information

| | |
|--|---------------------------|
| How is this applicant associated with this site? | Owner Operator |
| What is the applicant's Customer Number (CN)? | CN601688781 |
| Type of Customer | Corporation |
| Full legal name of the applicant: | |
| Legal Name | Union Carbide Corporation |
| Texas SOS Filing Number | 1335606 |
| Federal Tax ID | 980626782 |
| State Franchise Tax ID | 11314217305 |
| State Sales Tax ID | |

| | |
|-----------------------------------|---------|
| Local Tax ID | |
| DUNS Number | 1289008 |
| Number of Employees | 101-250 |
| Independently Owned and Operated? | No |

Responsible Official Contact

Person TCEQ should contact for questions about this application:

| | |
|--|----------------------------------|
| Organization Name | THE DOW CHEMICAL COMPANY |
| Prefix | MS |
| First | HEATHER |
| Middle | |
| Last | LYONS |
| Suffix | |
| Credentials | |
| Title | LEAD SITE MANUFACTURING DIRECTOR |
| Enter new address or copy one from list: | |
| Mailing Address | |
| Address Type | Domestic |
| Mailing Address (include Suite or Bldg. here, if applicable) | PO BOX 186 |
| Routing (such as Mail Code, Dept., or Attn:) | |
| City | PORT LAVACA |
| State | TX |
| ZIP | 77979 |
| Phone (###-###-####) | 3615532769 |
| Extension | |
| Alternate Phone (###-###-####) | |
| Fax (###-###-####) | |
| E-mail | hlyons@dow.com |

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

| | |
|--|--|
| Select existing DAR contact or enter a new contact. | FERNANDO FROLLINI(UNION CARBIDE C...) |
| Organization Name | UNION CARBIDE CORPORATION |
| Prefix | MR |
| First | FERNANDO |
| Middle | |
| Last | FROLLINI |
| Suffix | |
| Credentials | |
| Title | RESPONSIBLE CARE DIRECTOR |
| Enter new address or copy one from list | |
| Mailing Address | |
| Address Type | Domestic |
| Mailing Address (include Suite or Bldg. here, if applicable) | PO BOX 186 |

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

City

State

Zip

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

Extension

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

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

E-mail

PORT LAVACA

TX

77979

3615716238

f.frollini@dow.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

SHAWN PENA(THE DOW CHEMICA...)

Organization Name

THE DOW CHEMICAL COMPANY

Prefix

MR

First

SHAWN

Middle

Last

PENA

Suffix

Credentials

Title

ENVIRONMENTAL SPECIALIST

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

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

PO BOX 186

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

City

PORT LAVACA

State

TX

ZIP

77979

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

3615533401

Extension

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

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

E-mail

shawn.pena@dow.com

Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

28 Deg 30 Min 59 Sec

3) Permit Longitude Coordinate:

96 Deg 46 Min 5 Sec

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

Update

4.1. Select the permit/project number for which this update should be applied.

2026-37269

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

No

requirements?

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 Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name

OP-CRO1 O2026.pdf

Hash

539F147E8E1B7389DD80D032BB62C2CEB30750A4B4669A8C527922495BDF121B

MIME-Type

application/pdf

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

Certification

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

1. I am Fernando Frollini, the owner of the STEERS account ER100782.
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 2026.
- 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: Fernando Frollini OWNER OPERATOR

| | |
|--------------------------------------|--|
| Account Number: | ER100782 |
| Signature IP Address: | 165.225.32.106 |
| Signature Date: | 2025-07-17 |
| Signature Hash: | 60612B9C913A6EE7573B7B8EDEF1DF44C01523E226D9CACEA6740E4692B5EB52 |
| Form Hash Code at time of Signature: | 69DC7544452ADB063B2507A52E895BE1262C9454D0CB6D975E0D4184D910BF6C |

Submission

| | |
|----------------------|--|
| Reference Number: | The application reference number is 801293 |
| Submitted by: | The application was submitted by ER100782/Fernando Frollini |
| Submitted Timestamp: | The application was submitted on 2025-07-17 at 16:13:32 CDT |
| Submitted From: | The application was submitted from IP address 165.225.32.106 |
| Confirmation Number: | The confirmation number is 665363 |
| Steers Version: | The STEERS version is 6.92 |
| Permit Number: | The permit number is 2026 |

Additional Information

Application Creator: This account was created by Shawn Pena

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

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

| |
|---|
| I. Identifying Information |
| RN: RN102181526 |
| CN: CN601688781 |
| Account No.: CB-0028-T |
| Permit No.: O2026 |
| Project No.: 37269 |
| Area Name: High Pressure II Unit |
| Company Name: Union Carbide Corporation |
| II. Certification Type <i>(Please mark appropriate box)</i> |
| <input type="checkbox"/> Responsible Official Representative <input checked="" type="checkbox"/> Duly Authorized Representative |
| III. Submittal Type <i>(Please mark appropriate box) (Only one response can be accepted per form)</i> |
| <input type="checkbox"/> SOP/TOP Initial Permit Application <input type="checkbox"/> Permit Revision, Renewal, or Reopening |
| <input type="checkbox"/> GOP Initial Permit Application <input checked="" 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.

| |
|---|
| IV. Certification of Truth |
| This certification does not extend to information which is designated by TCEQ as information for reference only. |
| I, <u>Fernando Frollini</u> certify that I am the <u>DAR</u> <div style="display: flex; justify-content: space-between; margin-top: 5px;"><i>(Certifier Name printed or typed)</i><i>(RO or DAR)</i></div> |
| and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete: <i>Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i> |
| Time Period: From <u>02/28/2025</u> to <u>06/27/2025</u> <div style="display: flex; justify-content: space-around; margin-top: 5px;"><i>(Start Date)</i><i>(End Date)</i></div> |
| Specific Dates: _____ <div style="display: flex; justify-content: space-around; margin-top: 5px;"><i>(Date 1)</i><i>(Date 2)</i><i>(Date 3)</i><i>(Date 4)</i></div> |
| _____ <div style="display: flex; justify-content: space-around; margin-top: 5px;"><i>(Date 5)</i><i>(Date 6)</i></div> |
| Signature: _____ Signature Date: _____ Title: _____ _____ |
| Title: _____ |

From: Pena, Shawn (S) <Shawn.Pena@Dow.com>
Sent: Friday, June 27, 2025 4:54 PM
To: Jasmine Yuan
Subject: RE: Technical Review - O2026 Union Carbide Corporation (Minor, 37269)
Attachments: OP-SUMR.pdf; OP-PBRSUP.pdf

Jasmine,

Attached are updated copies of the OP-SUMR and OP-PBRSUP which should address your comment.

The changes are in bold on page 5 of the OP-SUMR and on pages 2 and 4 of the OP-PBRSUP.

I reviewed the draft SOP and I don't have any comments.

Please let me know if there are any additional comments that need to be addressed.

Thank you,
Shawn Pena
Environmental Specialist
361-553-3401

General Business

From: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Sent: Thursday, June 12, 2025 11:17 AM
To: Pena, Shawn (S) <Shawn.Pena@Dow.com>
Subject: RE: Technical Review - O2026 Union Carbide Corporation (Minor, 37269)

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

Shawn,

The updated SOP draft is attached for you to review. Please provide comments by 06/27/2025 or sooner.

In addition, you need to submit OP-SUMR to have the units under PBRs to match the PCA on the OP-PBRSUP.

I already updated those PCA for you, which you can see in the SOP NSR by unit list table. The registered PBR118024 and 108571 were added to each unit (second pic).

However, the OP-SUMR form is still required for documentation as your application is part of the permit.

The OP-SUMR should have the registered PBRs (PBRSUP Table A) and PBR (PPBSUP Table B). (we are cross checking OP-REQ1, SUMR, and PBRSUP for the PBRs.)

You could only include the units on PBRSUP in the updated OP-SUMR if it is convenient.

**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. |
|----------|------------|----------------------|
| 06/27/25 | O2026 | RN102181526 |

| 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 |
|------------------------|------------------------------|------------------------|------------------------------------|---------------------------------|-------------------------|--|--|
| | 2 | 1039 | OP-UA15 | BLENDER VENT | | 2023 | PSDTX118M4 |
| | 2 | 1041 | OP-UA13 | COOLING TOWER | | 2023 | PSDTX118M4 |
| | 2 | 253 | OP-UA15 | #1 REACTION EXTRUDER DRIER | | 2023 106.264/09/04/2000 | PSDTX118M4 |
| | 2, 4 | 254 | OP-UA15 | #1 REACTION PRIMARY STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 255 | OP-UA15 | #1 REACTION PRIMARY STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 256 | OP-UA15 | #1 REACTION PRIMARY STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 257 | OP-UA15 | #1 REACTION PRIMARY STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 258 | OP-UA15 | #1 REACTION PRIMARY STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR

This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

Page ____ of ____

**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. |
|----------|------------|----------------------|
| 06/27/25 | O2026 | RN102181526 |

| 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 |
|------------------------|------------------------------|------------------------|------------------------------------|---------------------------------|-------------------------|--|--|
| | 2, 4 | 259 | OP-UA15 | #1 REACTION PRIMARY STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 260 | OP-UA15 | #1 REACTION PRIMARY STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 261 | OP-UA15 | BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 262 | OP-UA15 | BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 263 | OP-UA15 | BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 264 | OP-UA15 | BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 265 | OP-UA15 | BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |

**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. |
|----------|------------|----------------------|
| 06/27/25 | O2026 | RN102181526 |

| 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 |
|--------------------|------------------------------|---------------------|------------------------------------|------------------------------------|-------------------------|---|--|
| | 2, 4 | 266 | OP-UA15 | BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 267 | OP-UA15 | BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 268 | OP-UA15 | BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2 | 270 | OP-UA15 | #2 REACTION EXTRUDER DRIER | | 2023 | PSDTX118M4 |
| | 2, 4 | 271 | OP-UA15 | #2 REACTION PRIMARY STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 272 | OP-UA15 | #2 REACTION PRIMARY STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 273 | OP-UA15 | #2 REACTION PRIMARY STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR

This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

Page ____ of ____

**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. |
|----------|------------|----------------------|
| 06/27/25 | O2026 | RN102181526 |

| 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 |
|-----------------|---------------------------|---------------------|------------------------------|---------------------------------|-------------------|---|--|
| | 2, 4 | 274 | OP-UA15 | #2 REACTION PRIMARY STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 275 | OP-UA15 | #2 REACTION PRIMARY STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 276 | OP-UA15 | #2 REACTION BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 277 | OP-UA15 | #2 REACTION BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 278 | OP-UA15 | #2 REACTION BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 279 | OP-UA15 | #2 REACTION BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 280 | OP-UA15 | #2 REACTION BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR

This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

Page ____ of ____

**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. |
|----------|------------|----------------------|
| 06/27/25 | O2026 | RN102181526 |

| 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 |
|---------------------|------------------------------|------------------------|---------------------------------|---------------------------------------|-------------------------|---|---|
| | 2, 4 | 281 | OP-UA15 | #2 REACTION BULK STORAGE BIN | | 2023 106.261/11/01/2003 106.262/11/01/2003 | PSDTX118M4 |
| | 2, 4 | 282 | OP-UA15 | #2 REACTION BULK STORAGE BIN | | 2023 106.261/11/01/2003 106.262/11/01/2003 | PSDTX118M4 |
| | 2 | 284 | OP-UA15 | MIX TANK VENT | | 2023 | PSDTX118M4 |
| | 2 | 289 | OP-UA15 | REFRIGERATED ISOPROPANOL TANK VENT | | 2023 | PSDTX118M4 |
| | 1,2 | 2PURCOL | OP-UA15 | NO. 2 PURGE COLUMN | | 2023 | PSDTX118M4 |
| | 2 | 306 | OP-UA15 | SCRAP BIN | | 2023 | PSDTX118M4 |
| | 2 | 414 | OP-UA15 | SCREEN PACK CLEANER/DIE PLATE CLEANER | | 106.495/09/04/2000 106.264/09/04/2000 | |
| | 2 | 547 | OP-UA15 | PREHEAT BIN | | 2023 | PSDTX118M4 |
| | 2 | 549 | OP-UA15 | HOLDING BIN | | 2023 106.261/11/01/2003 [108571] 106.262/11/01/2003 [108571] | PSDTX118M4 |
| | 2 | 552 | OP-UA15 | COOLING BIN | | 2023 | PSDTX118M4 |

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR

This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

Page ____ of ____

**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. |
|----------|------------|----------------------|
| 06/27/25 | O2026 | RN102181526 |

| 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 |
|-----------------|---------------------------|---------------------|------------------------------|-----------------------------------|------------------|---|--|
| | 2 | 553 | OP-UA15 | COOLING BIN | | 2023 | PSDTX118M4 |
| | 1, 2 | 561 | OP-UA3 | INHIBITOR TANK | | 2023 | PSDTX118M4 |
| | 2 | 669 | OP-UA15 | A/O MIX TANK | | 2023 106.472/09/04/2000 | PSDTX118M4 |
| | 1, 2 | EAVACOL | OP-UA15 | EA/VA REMOVAL COLUMN | | 2023 | PSDTX118M4 |
| | 1, 2 | FGSEP | OP-UA15 | FURNACE GAS ENTRAINMENT SEPARATOR | | 2023 | PSDTX118M4 |
| | 1, 2 | HP2FUGS | OP-UA1 OP-UA12 | FUGITIVE EMISSIONS | | 2023 106.261/11/01/2003 | PSDTX118M4 |
| | 1, 2 | ISOCOL | OP-UA15 | ISO COLUMN C-901 OVERHEAD | | 2023 | PSDTX118M4 |

**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. |
|----------|------------|----------------------|
| 06/27/25 | O2026 | RN102181526 |

| 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 |
|------------------------|------------------------------|------------------------|---------------------------------|--|---------------------|--|---|
| | 3, 4 | RX2EXTR1 | OP-UA15 | HP-2 RX2 EXTRUDER SEAL NO. 1 | | 2023 | PSDTX118M4 |
| | 3, 4 | RX2EXTR2 | OP-UA15 | HP-2 RX2 EXTRUDER SEAL NO. 2 | | 2023 | PSDTX118M4 |
| | 2 | SDL15 | OP-UA1 OP-UA4 | HP2 PROPYLENE UNLOADING | | 2023 | PSDTX118M4 |
| | 2 | SDL16 | OP-UA1 OP-UA4 | HP2 ISOPROPANOL TANK TRUCK UNLOADING | | 2023 | PSDTX118M4 |
| | 2 | SDL17 | OP-UA1 OP-UA4 | HP2 ETHYL ACRYLATE/VINYL ACETATE TANK CAR UNLOADING | | 2023 | PSDTX118M4 |
| | 2 | UNLDGLOW | OP-UA4 | LOW VAPOR PRESSURE VOC UNLOADING | | 2023 | PSDTX118M4 |
| | | | | | | | |

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR**

[Table 2](#)

| Date | Permit No. | Regulated Entity No. |
|----------|------------|----------------------|
| 06/27/25 | O2026 | RN102181526 |

| Revision No. | ID No. | Applicable Form | Group AI | Group ID No. |
|--------------|--------|-----------------|----------|--------------|
| 2 | 1039 | OP-UA15 | | GRPVENT2 |
| 2 | 253 | OP-UA15 | | GRPVENT1B |
| 2, 4 | 254 | OP-UA15 | | GRPVENT1B |
| 2, 4 | 255 | OP-UA15 | | GRPVENT1B |
| 2, 4 | 256 | OP-UA15 | | GRPVENT1B |
| 2, 4 | 257 | OP-UA15 | | GRPVENT1B |
| 2, 4 | 258 | OP-UA15 | | GRPVENT1B |
| 2, 4 | 259 | OP-UA15 | | GRPVENT1B |
| 2, 4 | 260 | OP-UA15 | | GRPVENT1B |
| 2, 4 | 261 | OP-UA15 | | GRPVENT1B |
| 2, 4 | 262 | OP-UA15 | | GRPVENT1B |
| 2,4 | 263 | OP-UA15 | | GRPVENT1B |

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR

This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

Page ____ of ____

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR**

[Table 2](#)

| Date | Permit No. | Regulated Entity No. |
|----------|------------|----------------------|
| 06/27/25 | O2026 | RN102181526 |

| Revision No. | ID No. | Applicable Form | Group AI | Group ID No. |
|--------------|--------|-----------------|----------|--------------|
| 2, 4 | 264 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 265 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 266 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 267 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 268 | OP-UA15 | | GRPVNT1B |
| 2 | 270 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 271 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 272 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 273 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 274 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 275 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 276 | OP-UA15 | | GRPVNT1B |

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR**

[Table 2](#)

| Date | Permit No. | Regulated Entity No. |
|----------|------------|----------------------|
| 06/27/25 | O2026 | RN102181526 |

| Revision No. | ID No. | Applicable Form | Group AI | Group ID No. |
|--------------|---------|-----------------|----------|--------------|
| 2, 4 | 277 | OP-UA I 5 | | GRPVNT1B |
| 2, 4 | 278 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 279 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 280 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 281 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 282 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 284 | OP-UA I 5 | | GRPVENT2 |
| 2, 4 | 289 | OP UA15 | | GRPVENT2 |
| 1, 2 | 2PURCOL | OP-UA15 | | GRP-MONCVNT |
| 2 | 306 | OP-UA 15 | | GRPVNT1B |
| 2 | 414 | OP-UA15 | | GRPVENT2 |
| 2 | 547 | OP-UA15 | | GRPVENT2 |

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR

This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

Page ____ of ____

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR**

Table 2

| Date | Permit No. | Regulated Entity No. |
|----------|------------|----------------------|
| 06/27/25 | O2026 | RN102181526 |

| Revision No. | ID No. | Applicable Form | Group AI | Group ID No. |
|--------------|----------|------------------|----------|--------------|
| 2 | 549 | OP-UA15 | | GRPVENT1 |
| 2 | 552 | OP-UA15 | | GRPVENT1 |
| 2 | 553 | OP-UA15 | | GRPVENT1 |
| 2 | 669 | OP-UA 15 | | GRPVENT2 |
| 1, 2 | EAVACOL | OP-UA 15 | | GRP-MONCVNT |
| 1, 2 | FGSEP | OP-UA15 | | GRP-MONCVNT |
| 1, 2 | ISOCOL | OP-UA15 | | GRP-MONCVNT |
| 3, 4 | RX2EXTR1 | OP-UA15 | | GRPVENT2 |
| 3, 4 | RX2EXTR2 | OP-UA15 | | GRPVENT2 |
| 2 | SDL15 | OP-UA1 OP-UA4 | | GRPUNLDGHI |
| 2 | SDL16 | OP-UA1 OP-UA4 | | GRPUNLDGHI |

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

| Date | Permit Number | Regulated Entity Number |
|------------|---------------|-------------------------|
| 06/27/2025 | O2026 | RN102181526 |

| Unit ID No. | Registration No. | PBR No. | Registration Date |
|---------------------|------------------|----------------------------|-------------------|
| 251, 269 | 169847 | PBR 106.261 PBR 106.478 | 09/15/2022 |
| 254-268 and 271-282 | 118024 | PBR 106.261 PBR 106.262 | 05/30/2014 |
| 1245, 549 | 108571 | PBR 106.261 PBR 106.262 | 07/10/2013 |
| 251, 269 | 84497 | PBR 106.261 | 05/06/2008 |
| | | | |
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Permit By Rule Supplemental Table (Page 2)
Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

| Date | Permit Number | Regulated Entity Number |
|------------|---------------|-------------------------|
| 06/27/2025 | O2026 | RN102181526 |

| Unit ID No. | PBR No. | Version No./Date |
|-------------|-----------------------------------|---------------------------------|
| 669, 672 | PBR 106.472 | 09/04/2000 |
| 414 | PBR 106.495 PBR 106.264 | 09/04/2000 09/04/2000 |
| PROHP2 | PBR 106.263 | 11/01/2001 |
| | | |
| | | |
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Permit By Rule Supplemental Table (Page 3)
Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area
Texas Commission on Environmental Quality

| Date | Permit Number | Regulated Entity Number |
|------------|---------------|-------------------------|
| 06/27/2025 | O2026 | RN102181526 |

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

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

| Date | Permit Number | Regulated Entity Number |
|------------|---------------|-------------------------|
| 06/27/2025 | O2026 | RN102181526 |

| Unit ID No. | PBR No. | Version No./Date Or Registration No. | Monitoring Requirement |
|---------------------|-----------------------------------|--------------------------------------|---|
| 251, 269 | PBR 106.261 PBR 106.478 | 169847 | Hours of online time for equipment are tracked. Monitoring is performed for fugitive emission components. |
| 254-268 and 271-282 | PBR 106.261 PBR 106.262 | 118024 | Production throughput for bins is tracked. |
| 1245, 549 | PBR 106.261 PBR 106.262 | 108571 | Production throughput for equipment is tracked. |
| 669, 672 | PBR 106.472 | 09/04/2000 | Throughput for equipment is tracked. |
| 414 | PBR 106.495 PBR 106.264 | 09/04/2000 09/04/2000 | Hours of operating for screenpack burner is tracked. |
| 251, 269 | PBR 106.261 | 84497 | Equipment is monitored under fugitive emission program. |
| PROHP2 | PBR 106.263 | 11/01/2001 | Track emissions on a rolling 12-month basis. |
| | | | |
| | | | |
| | | | |

From: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Sent: Thursday, June 12, 2025 11:17 AM
To: Pena, Shawn (S) <Shawn.Pena@Dow.com>
Subject: RE: Technical Review - O2026 Union Carbide Corporation (Minor, 37269)

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

Shawn,

The updated SOP draft is attached for you to review. Please provide comments by 06/27/2025 or sooner.

In addition, you need to submit OP-SUMR to have the units under PBRs to match the PCA on the OP-PBRSUP.

I already updated those PCA for you, which you can see in the SOP NSR by unit list table. The registered PBR118024 and 108571 were added to each unit (second pic).

However, the OP-SUMR form is still required for documentation as your application is part of the permit.

The OP-SUMR should have the registered PBRs (PBRSUP Table A) and PBR (PPBSUP Table B). (we are cross checking OP-REQ1, SUMR, and PBRSUP for the PBRs.)

You could only include the units on PBRSUP in the updated OP-SUMR if it is convenient.

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

| Date | Permit Number | Regulated Entity Number |
|------------|---------------|-------------------------|
| 06/11/2025 | O2026 | RN102181526 |

| Unit ID No. | Registration No. | PBR No. | Registration Date |
|---------------------|------------------|----------------------------|-------------------|
| 251, 269 | 169847 | PBR 106.261 PBR 106.478 | 09/15/2022 |
| 254-268 and 271-282 | 118024 | PBR 106.261 PBR 106.262 | 05/30/2014 |
| 1245, 549 | 108571 | PBR 106.261 PBR 106.262 | 07/10/2013 |
| 251, 269 | 84497 | PBR 106.261 | 05/06/2008 |
| | | | |

| | | |
|------|---------------------------------|---|
| 1041 | COOLING TOWER | 2023, PSDTX118M4 |
| 253 | #1 REACTION EXTRUDER DRIER | 2023, PSDTX118M4, 106.264/09/04/2000 |
| 254 | #1 REACTION PRIMARY STORAGE BIN | 2023, PSDTX118M4, 106.261/11/01/2003 [118024], 106.262/11/01/2003 [118024] |
| 255 | #1 REACTION PRIMARY STORAGE BIN | 2023, PSDTX118M4, 106.261/11/01/2003 [118024], 106.262/11/01/2003 [118024] |
| 256 | #1 REACTION PRIMARY STORAGE BIN | 2023, PSDTX118M4, 106.261/11/01/2003 [118024], 106.262/11/01/2003 [118024] |
| 257 | #1 REACTION PRIMARY STORAGE BIN | 2023, PSDTX118M4, 106.261/11/01/2003 [118024], 106.262/11/01/2003 [118024] |
| 258 | #1 REACTION PRIMARY STORAGE BIN | 2023, PSDTX118M4, 106.261/11/01/2003 [118024], 106.262/11/01/2003 [118024] |
| 259 | #1 REACTION PRIMARY STORAGE BIN | 2023, PSDTX118M4, 106.261/11/01/2003 [118024], 106.262/11/01/2003 [118024] |
| 260 | #1 REACTION PRIMARY STORAGE BIN | 2023, PSDTX118M4, 106.261/11/01/2003 [118024], 106.262/11/01/2003 [118024] |
| 261 | BULK STORAGE BIN | 2023, PSDTX118M4, 106.261/11/01/2003 [118024], 106.262/11/01/2003 [118024] |

Jasmine

From: Pena, Shawn (S) <Shawn.Pena@Dow.com>
Sent: Wednesday, June 11, 2025 5:13 PM
To: Jasmine Yuan
Subject: RE: Technical Review - O2026 Union Carbide Corporation (Minor, 37269)
Attachments: OP-REQ1.pdf; UA4 Table 11.pdf; OP-PBRSUP.pdf

Jasmine,

Attached are updated copies of UA4, OP-PBRSUP and OP-REQ1. This should address the concerns regarding those forms. Please let me know if you have any additional questions or concerns.

Also, would it be possible to get a copy of the most recent version of the WDP for my reference?

Regards,
Shawn Pena
Environmental Specialist

General Business

From: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Sent: Friday, June 6, 2025 10:24 AM
To: Pena, Shawn (S) <Shawn.Pena@Dow.com>
Subject: RE: Technical Review - O2026 Union Carbide Corporation (Minor, 37269)

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

Okay. Thanks for letting me know.

In UA4, the index number is wrong. I will change it to 63EEEE-01.

Because you already have R5211-01 for 115 rule. It is confusing to have same index for two rules. When you send me the updated PBRSUP/SUMR, you can update the UA4.

Loading/Unloading Operations Attributes

Form OP-UA04 (Page 21)

Federal Operating Permit Program

Table 11a: Title 40 Code of Federal Regulations Part 63(40 CFR Part 63)

Subpart EEEE: National Emission Standard for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)

Texas Commission on Environmental Quality

| Date | Permit No.: | Regulated Entity No. |
|-------------|--------------------|-----------------------------|
| 06/11/2025 | O2026 | RN102181526 |

| Unit ID No. | SOP Index No. | Means of Compliance | Emission Type | Combination of Control Devices | Control Device | Control Device ID No | Meets 63.988(b)(2) | Performance Test | Continuous Monitoring System |
|--------------------|----------------------|----------------------------|----------------------|---------------------------------------|-----------------------|-----------------------------|---------------------------|-------------------------|-------------------------------------|
| SDL17 | 63EEEE-01 | UNLOAD | | | | | | | |
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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. |
|------------|------------|----------------------|
| 06/11/2025 | O-2026 | RN102181526 |

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): |
|------------|---------------|----------------------------------|------------|---------------|---------------|
| PSDTX118M4 | 05/03/2024 | VOC, CO, NOX, PM, PM10, PM2.5 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

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

F. Nonattainment (NA) Permits and NA Major Pollutants

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

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

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

| NSR Permit No. | Issuance Date | NSR Permit No. | Issuance Date | NSR Permit No. | Issuance Date |
|----------------|---------------|----------------|---------------|----------------|---------------|
| 2023 | 05/03/2024 | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

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. |
|------------|------------|----------------------|
| 06/11/2025 | O-2026 | RN102181526 |

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

- ◆ **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 | | | | |
| 106.262 | 11/01/2003 | | | | |
| 106.263 | 11/01/2001 | | | | |
| 106.472 | 09/04/2000 | | | | |
| 106.478 | 09/04/2000 | | | | |
| 106.495 | 09/04/2000 | | | | |
| | | | | | |
| | | | | | |

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

| Permit No. | Issuance Date | Permit No. | Issuance Date | Permit No. | Issuance Date |
|------------|---------------|------------|---------------|------------|---------------|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

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

| Date | Permit Number | Regulated Entity Number |
|------------|---------------|-------------------------|
| 06/11/2025 | O2026 | RN102181526 |

| Unit ID No. | Registration No. | PBR No. | Registration Date |
|---------------------|------------------|----------------------------|-------------------|
| 251, 269 | 169847 | PBR 106.261 PBR 106.478 | 09/15/2022 |
| 254-268 and 271-282 | 118024 | PBR 106.261 PBR 106.262 | 05/30/2014 |
| 1245, 549 | 108571 | PBR 106.261 PBR 106.262 | 07/10/2013 |
| 251, 269 | 84497 | PBR 106.261 | 05/06/2008 |
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Permit By Rule Supplemental Table (Page 2)
Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

| Date | Permit Number | Regulated Entity Number |
|------------|---------------|-------------------------|
| 06/11/2025 | O2026 | RN102181526 |

| Unit ID No. | PBR No. | Version No./Date |
|-------------|-------------|------------------|
| 669, 672 | PBR 106.472 | 09/04/2000 |
| 414 | PBR 106.495 | 09/04/2000 |
| PROHP2 | PBR 106.263 | 11/01/2001 |
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Permit By Rule Supplemental Table (Page 3)
Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area
Texas Commission on Environmental Quality

| Date | Permit Number | Regulated Entity Number |
|------------|---------------|-------------------------|
| 06/11/2025 | O2026 | RN102181526 |

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

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

| Date | Permit Number | Regulated Entity Number |
|------------|---------------|-------------------------|
| 06/11/2025 | O2026 | RN102181526 |

| Unit ID No. | PBR No. | Version No./Date Or Registration No. | Monitoring Requirement |
|---------------------|----------------------------|--------------------------------------|---|
| 251, 269 | PBR 106.261 PBR 106.478 | 169847 | Hours of online time for equipment are tracked. Monitoring is performed for fugitive emission components. |
| 254-268 and 271-282 | PBR 106.261 PBR 106.262 | 118024 | Production throughput for bins is tracked. |
| 1245, 549 | PBR 106.261 PBR 106.262 | 108571 | Production throughput for equipment is tracked. |
| 669, 672 | PBR 106.472 | 09/04/2000 | Throughput for equipment is tracked. |
| 414 | PBR 106.495 | 09/04/2000 | Hours of operating for screenpack burner is tracked. |
| 251, 269 | PBR 106.261 | 84497 | Equipment is monitored under fugitive emission program. |
| PROHP2 | PBR 106.263 | 11/01/2001 | Track emissions on a rolling 12-month basis. |
| | | | |
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From: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Sent: Friday, June 6, 2025 10:24 AM
To: Pena, Shawn (S) <Shawn.Pena@Dow.com>
Subject: RE: Technical Review - O2026 Union Carbide Corporation (Minor, 37269)

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

Okay. Thanks for letting me know.

In UA4, the index number is wrong. I will change it to 63EEEE-01.

Because you already have R5211-01 for 115 rule. It is confusing to have same index for two rules. When you send me the updated PBRSUP/SUMR, you can update the UA4.

[illegible]

Applicability Results List

File Options Window Help

General Business

From: Pena, Shawn (S) <Shawn.Pena@Dow.com>
Sent: Thursday, June 5, 2025 2:39 PM
To: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Subject: RE: Technical Review - O2026 Union Carbide Corporation (Minor, 37269)

Jasmine,

Attached is a copy of the major NSR summary table in Word format and a completed version of the UA4 MACT EEEE Table 11A for SDL17. Please let me know if you have any questions.

I'd like to request some additional time to provide the response for item number 2 below related to the OP-REQ1, PBR SUP and OP-SUMR. I need to review some information with a coworker, but we haven't met due to scheduling conflicts. I plan to complete that review early next week. Would it be possible to aim for 06/11/25 for that response?

Thank you,
Shawn

General Business

From: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Sent: Wednesday, May 28, 2025 3:01 PM
To: Pena, Shawn (S) <Shawn.Pena@Dow.com>
Subject: RE: Technical Review - O2026 Union Carbide Corporation (Minor, 37269)

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

Shawn

I have reviewed your renewal application.

- 1, Please submit UA4 MACT EEEE table for SDL17. We recently developed RRT for this rule.
- 2, There are inconsistencies between OP-REQ1 page 86 PBR list and OP-PBR SUP. For instance, 106.476 is in PBR SUP, not REQ1, 106.263 is in OP-REQ1, but not PBR SUP. We are cross checking these OP-REQ1, PBR SUP, and OP-SUMR. These 3 should match. When you submit OP-PBR SUP, it should be a complete set with same date on top on 4 tables. That will be referenced in permit term. (all update forms should have new date)
- 3, please email me the major nsr summary table in word document so that I can copy/paste to SOP appendix B. (no need to have a new date)

You can just reply my email with providing the requested information, due 06/06.
At the end, I will ask you to submit OP-CRO1 through STEERS to certify all these submittals.

Thanks
Jasmine

Loading/Unloading Operations Attributes
Form OP-UA04 (Page 21)
Federal Operating Permit Program
Table 11a: Title 40 Code of Federal Regulations Part 63(40 CFR Part 63)
Subpart EEEE: National Emission Standard for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)
Texas Commission on Environmental Quality

| Date | Permit No.: | Regulated Entity No. |
|------------|-------------|----------------------|
| 06/05/2025 | O2026 | RN102181526 |

| Unit ID No. | SOP Index No. | Means of Compliance | Emission Type | Combination of Control Devices | Control Device | Control Device ID No | Meets 63.988(b)(2) | Performance Test | Continuous Monitoring System |
|-------------|---------------|---------------------|---------------|--------------------------------|----------------|----------------------|--------------------|------------------|------------------------------|
| SDL17 | R5211-01 | UNLOAD | | | | | | | |
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From: eNotice TCEQ
Sent: Thursday, April 17, 2025 10:45 AM
To: Lois.Kolkhorst@senate.texas.gov; JM.lozano@house.texas.gov
Subject: TCEQ Notice - Permit Number O2026
Attachments: 20250417 - Leg Letters O2026_38034.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.

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

April 17, 2025

THE HONORABLE LOIS KOLKHORST
TEXAS SENATE
PO BOX 12068
AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 38034
Permit Number: O2026
Union Carbide Corporation
High Pressure II Unit
Seadrift, Calhoun County
Regulated Entity Number: RN102181526
Customer Reference Number: CN601688781

Dear Senator Kolkhurst:

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=-96.771666,28.515&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 Lois Kolkhorst
Page 2
April 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

April 17, 2025

THE HONORABLE JOSE M LOZANO
TEXAS HOUSE OF REPRESENTATIVES
PO BOX 2910
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 38034
Permit Number: O2026
Union Carbide Corporation
High Pressure II Unit
Seadrift, Calhoun County
Regulated Entity Number: RN102181526
Customer Reference Number: CN601688781

Dear Representative Lozano:

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=-96.771666,28.515&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

**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.

| |
|---|
| I. Company Identifying Information |
| A. Company Name: Union Carbide Corporation |
| B. Customer Reference Number (CN): CN601688781 |
| C. Submittal Date (mm/dd/yyyy): 04/16/2025 |
| II. Site Information |
| A. Site Name: High Pressure II Unit |
| B. Regulated Entity Reference Number (RN): RN102181526 |
| C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i> |
| <input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A |
| D. Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i> |
| <input checked="" type="checkbox"/> VOC <input checked="" type="checkbox"/> NO _x <input type="checkbox"/> SO ₂ <input checked="" type="checkbox"/> PM ₁₀ <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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| F. Is the site within a local program area jurisdiction? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: N/A |
| III. Permit Type |
| 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**

| |
|--|
| IV. Initial Application Information <i>(Complete for Initial Issuance Applications Only.)</i> |
| A. Is this submittal an abbreviated or a full application? <input type="checkbox"/> Abbreviated <input type="checkbox"/> Full |
| B. If this is a full application, is the submittal a follow-up to an abbreviated application? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| C. If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| D. Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) <input type="checkbox"/> Yes <input type="checkbox"/> No |
| E. Has the required Public Involvement Plan been included with this application? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| V. Confidential Information |
| A. Is confidential information submitted in conjunction with this application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| VI. Responsible Official (RO) Identifying Information |
| RO Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.) |
| RO Full Name: Heather Lyons |
| RO Title: Lead Site Manufacturing Director |
| Employer Name: The Dow Chemical Company |
| Mailing Address: P.O. Box 186 |
| City: Port Lavaca |
| State: TX |
| ZIP Code: 77979 |
| Territory: |
| Country: USA |
| Foreign Postal Code: |
| Internal Mail Code: |
| Telephone No.: 361-553-2769 |
| Fax No.: |
| Email: hylons@dow.com |

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

| |
|---|
| VII. Technical Contact Identifying Information <i>(Complete if different from RO.)</i> |
| Technical Contact Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) |
| Technical Contact Full Name: Shawn Pena |
| Technical Contact Title: Environmental Specialist |
| Employer Name: The Dow Chemical Company |
| Mailing Address: P.O. Box 186 |
| City: Port Lavaca |
| State: TX |
| ZIP Code: 77979 |
| Territory: |
| Country: USA |
| Foreign Postal Code: |
| Internal Mail Code: |
| Telephone No.: 361-553-3401 |
| Fax No.: |
| Email: Shawn.Pena@dow.com |
| VIII. Reference Only Requirements <i>(For reference only.)</i> |
| A. State Senator: Lois W. Kolkorst |
| B. State Representative: J.M. Lozano |
| C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| E. Indicate the alternate language(s) in which public notice is required: Spanish |

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

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| IX. Off-Site Permit Request <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i> |
| A. Office/Facility Name: |
| B. Physical Address: |
| City: |
| State: |
| ZIP Code: |
| Territory: |
| Country: |
| Foreign Postal Code: |
| C. Physical Location: |
| |
| |
| D. Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) |
| Contact Full Name: |
| E. Telephone No.: |
| X. Application Area Information |
| A. Area Name: High Pressure II Unit |
| B. Physical Address: 7501 State Highway 185 N |
| City: Seadrift |
| State: TX |
| ZIP Code: 77983 |
| C. Physical Location: 7501 State Highway 185 N |
| |
| |
| D. Nearest City: Seadrift |
| E. State: TX |
| F. ZIP Code: 77983 |

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

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|--|
| X. Application Area Information (<i>continued</i>) |
| G. Latitude (nearest second): 28° 30' 59" |
| H. Longitude (nearest second): -96° 46' 05" |
| I. Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| J. Indicate the estimated number of emission units in the application area: 50 |
| K. Are there any emission units in the application area subject to the Acid Rain Program? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| L. Affected Source Plant Code (or ORIS/Facility Code): |
| XI. Public Notice (Complete this section for SOP Applications and Acid Rain Permit Applications only.) |
| A. Name of a public place to view application and draft permit: Calhoun County Public Library |
| B. Physical Address: 200 W. Mahan |
| City: Port Lavaca |
| ZIP Code: 77979 |
| C. 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: Shawn Pena |
| Contact Mailing Address: P.O. Box 186 |
| City: Port Lavaca |
| State: TX |
| ZIP Code: 77979 |
| Territory: |
| Country: USA |
| Foreign Postal Code: |
| Internal Mail Code: |
| Telephone No.: 361-553-3401 |

**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: 04/16/2025 | |
| Permit No.: 02026 | |
| Regulated Entity No.: RN102181526 | |
| Company Name: Union Carbide Corporation | |
| For Submissions to EPA | |
| Has an electronic copy of this application been submitted (or is being submitted) to EPA? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| I. Application Type | |
| Indicate the type of application: | |
| <input checked="" type="checkbox"/> Renewal | |
| <input type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.) | |
| <input type="checkbox"/> Significant Revision | |
| <input type="checkbox"/> Revision Requesting Prior Approval | |
| <input type="checkbox"/> Administrative Revision | |
| <input type="checkbox"/> Response to Reopening | |
| II. Qualification Statement | |
| For SOP Revisions Only | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| For GOP Revisions Only | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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

III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)

Indicate all pollutants for which the site is a major source based on the site's potential to emit:
(Check the appropriate box[es].)

☒ VOC ☒ NO_x ☐ SO₂ ☒ PM₁₀ ☒ CO ☐ Pb ☒ HAP

Other: NO

IV. Reference Only Requirements (For reference only)

Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? ☒ YES ☐ NO ☐ N/A

V. Delinquent Fees and Penalties

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

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

| |
|---|
| Date: 04/16/2025 |
| Permit No.: 02026 |
| Regulated Entity No.: RN102181526 |
| Company Name: Union Carbide Corporation |

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 | N/A | OP-UAs OP-REQ1 | N/A | <p>UCC requests updates to sources whose UA forms have been updated since the last renewal.</p> <p>In addition, UCC is requesting to update the Preconstruction Authorizations. Please see the attached Form OP-REQ1.</p> <p>Additions have been bolded and italicized, and deletions have been marked with a strikethrough.</p> |
| 2 | MS-C | NO | Multiple | OP-SUMR OP-PBRSUP | N/A | <p>Please update the PBR Supplemental Table to include any changes that have been made since the permit was last renewed.</p> <p>Please update the authorizations for these units on the Form OP-SUMR to match the PBR Supplemental Table</p> |

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

| | |
|---|---|
| Date: 04/16/2025 | |
| Permit No.: 02026 | |
| Regulated Entity No.: RN102181526 | |
| Company Name: Union Carbide Corporation | |
| I. Significant Revision <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i> | |
| A. | Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322? <input type="checkbox"/> YES <input type="checkbox"/> NO |
| B. | Indicate the alternate language(s) in which public notice is required: |
| C. | Will, there be a change in air pollutant emissions as a result of the significant revision? <input type="checkbox"/> YES <input type="checkbox"/> NO |

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

Using the table below, indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:

| Pollutant | Description of the Change in Pollutant Emissions |
|-----------|--|
| N/A | N/A |
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Texas Commission on Environmental Quality
Form OP-ACPS
Application Compliance Plan and Schedule

| | | |
|--|--|---|
| Date: 04/16/2025 | Regulated Entity No.: RN102181526 | Permit No.: O2026 |
| Company Name: Union Carbide Corporation | | Area Name: High Pressure II Unit |

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

Part 1

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

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

| | | |
|--|--|---|
| Date: 04/16/2025 | Regulated Entity No.: RN102181526 | Permit No.: O2026 |
| Company Name: Union Carbide Corporation | | Area Name: High Pressure II Unit |

Part 2

| | | |
|--|-------------------------|--|
| A. Compliance Schedule | | |
| If there are non-compliance situations ongoing at time of application, then complete a separate OP-ACPS Part 2 for each separate non-compliance situation. <i>(See form instruction for details.)</i> If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed. | | |
| 1. Specific Non-Compliance Situation | | |
| Unit/Group/Process ID No.(s): | | |
| SOP Index No.: | | |
| Pollutant: | | |
| Applicable Requirement | | |
| Citation | Text Description | |
| N/A | | |
| | | |
| 2. Compliance Status Assessment Method and Records Location | | |
| Citation | Text Description | Location of Records/Documentation |
| N/A | | |
| | | |
| 3. Non-compliance Situation Description | | |
| N/A | | |
| 4. Corrective Action Plan Description | | |
| N/A | | |
| 5. List of Activities/Milestones to Implement the Corrective Action Plan | | |
| N/A | | |
| | | |
| | | |
| | | |
| | | |

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

| | | |
|--|--|---|
| Date: 04/16/2025 | Regulated Entity No.: RN102181526 | Permit No.: O2026 |
| Company Name: Union Carbide Corporation | | Area Name: High Pressure II Unit |

Part 2 (continued)

| | |
|---|-----------------------|
| 6. Previously Submitted Compliance Plan(s) | |
| Type of Action | Date Submitted |
| N/A | |
| 7. Progress Report Submission Schedule | |
| N/A | |
| | |

General Business

From: Pena, Shawn (S) <Shawn.Pena@Dow.com>
Sent: Friday, April 11, 2025 8:10 PM
To: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Subject: RE: Technical Review - O2026 Union Carbide Corporation (Minor, 37269)

Jasmine,

The renewal application for O2026 was submitted this afternoon in STEERS. The reference number for that application is 777750.

As you suggested, I mentioned your name in the cover letter.

Please let me know if you would like to discuss.

Regards,
Shawn Pena
Environmental Specialist
361-553-3401

General Business

Texas Commission on Environmental Quality

Title V Existing

2026

Site Information (Regulated Entity)

| | |
|---|--|
| What is the name of the permit area to be authorized? | HIGH PRESSURE II UNIT |
| County | CALHOUN |
| Latitude (N) (##.#####) | 28.516388 |
| Longitude (W) (-###.#####) | 96.768055 |
| Primary SIC Code | 2869 |
| Secondary SIC Code | |
| Primary NAICS Code | 325199 |
| Secondary NAICS Code | |
| Regulated Entity Site Information | |
| What is the Regulated Entity's Number (RN)? | RN102181526 |
| What is the name of the Regulated Entity (RE)? | UCC SEADRIFT OPERATIONS |
| Does the RE site have a physical address? | Yes |
| Physical Address | |
| Number and Street | 7501 STATE HIGHWAY 185 N |
| City | SEADRIFT |
| State | TX |
| ZIP | 77983 |
| County | CALHOUN |
| Latitude (N) (##.#####) | 28.515 |
| Longitude (W) (-###.#####) | -96.771666 |
| Facility NAICS Code | |
| What is the primary business of this entity? | MANUFACTURING ORGANIC CHEMICALS & THERMOPLASTIC RE |

Customer (Applicant) Information

| | |
|--|---------------------------|
| How is this applicant associated with this site? | Owner Operator |
| What is the applicant's Customer Number (CN)? | CN601688781 |
| Type of Customer | Corporation |
| Full legal name of the applicant: | |
| Legal Name | Union Carbide Corporation |
| Texas SOS Filing Number | 1335606 |
| Federal Tax ID | 980626782 |
| State Franchise Tax ID | 11314217305 |
| State Sales Tax ID | |
| Local Tax ID | |
| DUNS Number | 1289008 |
| Number of Employees | 101-250 |
| Independently Owned and Operated? | No |

Responsible Official Contact

Person TCEQ should contact for questions about this application:

| | |
|--|----------------------------------|
| Organization Name | THE DOW CHEMICAL COMPANY |
| Prefix | MS |
| First | HEATHER |
| Middle | |
| Last | LYONS |
| Suffix | |
| Credentials | |
| Title | LEAD SITE MANUFACTURING DIRECTOR |
| Enter new address or copy one from list: | |
| Mailing Address | |
| Address Type | Domestic |
| Mailing Address (include Suite or Bldg. here, if applicable) | PO BOX 186 |
| Routing (such as Mail Code, Dept., or Attn:) | |
| City | PORT LAVACA |
| State | TX |
| ZIP | 77979 |
| Phone (###-###-####) | 3615532769 |
| Extension | |
| Alternate Phone (###-###-####) | |
| Fax (###-###-####) | |
| E-mail | hlyons@dow.com |

Technical Contact

Person TCEQ should contact for questions about this application:

| | |
|--|---------------------------------|
| Select existing TC contact or enter a new contact. | SHAWN PENA(THE DOW CHEMICA...) |
| Organization Name | THE DOW CHEMICAL COMPANY |
| Prefix | MR |
| First | SHAWN |
| Middle | |
| Last | PENA |
| Suffix | |
| Credentials | |
| Title | ENVIRONMENTAL SPECIALIST |
| Enter new address or copy one from list: | |
| Mailing Address | |
| Address Type | Domestic |
| Mailing Address (include Suite or Bldg. here, if applicable) | PO BOX 186 |
| Routing (such as Mail Code, Dept., or Attn:) | |
| City | PORT LAVACA |
| State | TX |
| ZIP | 77979 |
| Phone (###-###-####) | 3615533401 |

Extension

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

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

E-mail

Shawn.Pena@dow.com

Title V General Information - Existing

| | |
|---|----------------------|
| 1) Permit Type: | SOP |
| 2) Permit Latitude Coordinate: | 28 Deg 30 Min 59 Sec |
| 3) Permit Longitude Coordinate: | 96 Deg 46 Min 5 Sec |
| 4) Is this submittal a new application or an update to an existing application? | New Application |
| 4.1. What type of permitting action are you applying for? | Renewal |
| 4.1.1. Are there any permits that should be voided upon issuance of this permit application through permit conversion? | No |
| 4.1.2. Are there any permits that should be voided upon issuance of this permit application through permit consolidation? | No |
| 5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements? | No |

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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)

[File Properties]

| | |
|-----------|--|
| File Name | OP-REQ1.pdf |
| Hash | D4ED9E6A03B2CE598B070A11178408DABB0D377900500B5D9A1705F419E3CBA1 |
| MIME-Type | application/pdf |

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBR SUP (Permits by Rule Supplemental Table)

[File Properties]

| | |
|-----------|---|
| File Name | OP-PBR SUP.pdf |
| Hash | F0E6CB56972C821EAC4B49D870275557D4131A167DC8C75C9ED69B8709882561 |
| MIME-Type | application/pdf |

Attach OP-SUMR (Individual Unit Summary for Revisions)

[File Properties]

| | |
|-----------|--|
| File Name | OP-SUMR.pdf |
| Hash | F4572272BBBDB858366510BF667D87AF586431F1EEE21EFEBBC8EE1BFB76CF00 |
| MIME-Type | application/pdf |

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

| | |
|-----------|--|
| File Name | O2026 Renewal Application.pdf |
| Hash | D7330013339945966BDC2B9168D67248134545BD6938EAF2A36805ACD013EF0D |
| MIME-Type | application/pdf |

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

[File Properties]

| | |
|-----------|--|
| File Name | Major NSR Summary Table Permit 2023.pdf |
| Hash | 6636BF7A9D9B3F36F3B91692957028CD9686C4C06594D9FBC35E7337D031834F |
| MIME-Type | application/pdf |

Expedite Title V

| | |
|---|----|
| 1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application? | No |
|---|----|

Certification

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

1. I am Heather R Lyons, the owner of the STEERS account ER113250.
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 2026.
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: Heather R Lyons OWNER OPERATOR

| | |
|--------------------------------------|--|
| Account Number: | ER113250 |
| Signature IP Address: | 170.85.99.6 |
| Signature Date: | 2025-04-11 |
| Signature Hash: | 657ECF2218701B57B359E682F562B62B0417039A82B1E85412D296153FAF0557 |
| Form Hash Code at time of Signature: | 2665EC195A8AF50C659627D8585F04486FCE8FA8D1C4B3AB6289051FD6FC0C6E |

Submission

| | |
|----------------------|--|
| Reference Number: | The application reference number is 777750 |
| Submitted by: | The application was submitted by ER113250/Heather R Lyons |
| Submitted Timestamp: | The application was submitted on 2025-04-11 at 11:32:12 CDT |
| Submitted From: | The application was submitted from IP address 170.85.99.6 |
| Confirmation Number: | The confirmation number is 645734 |
| Steers Version: | The STEERS version is 6.89 |
| Permit Number: | The permit number is 2026 |

Additional Information

Application Creator: This account was created by Shawn Pena



04/11/2025

Electronic Submittal via ePermits

Ms. Jasmine Yuan
TCEQ Air Permits Initial Review Team (APIRT), MC-161
P.O. Box 13087
Austin, TX 78711-3087

Union Carbide Corporation, Seadrift Operations
CN601688781; RN102181526
High Pressure II - Title V Operating Permit O2026
Renewal Application

To whom it may concern,

The Dow Chemical Company is submitting the Title V Operating Permit O2026 Renewal Application for the Union Carbide Corporation Seadrift Operations Site located in Calhoun County, Texas in accordance with 30 TAC Chapter 122, Subchapter, C §122.241.

This renewal application is intended to be combined with the ongoing minor permit revision project No. 37269 with Jasmine Yuan from the Air Permits Division.

For future correspondence regarding this renewal application, I can be contacted via phone at (361)-553-3401 or e-mail at shawn.pena@dow.com.

Sincerely,

Shawn Pena

Shawn Pena
Environmental Specialist

enclosure

cc:
TCEQ Air Section Manager, Region 14

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 86)

Federal Operating Permit Program

Texas Commission on Environmental Quality

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 04/11/2025 | O-2026 | RN102181526 |

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

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. |
|------------|------------|----------------------|
| 04/11/2025 | O-2026 | RN102181526 |

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 type="checkbox"/> No |
| ◆ 12. | The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.12 is "No," go to Question XII.B.15.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 13. | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 14. | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 15. | The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 16. | The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 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. |
|------------|------------|----------------------|
| 04/11/2025 | O-2026 | RN102181526 |

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): |
|------------|---------------|----------------------------------|------------|---------------|---------------|
| PSDTX118M4 | 05/03/2024 | VOC, CO, NOX, PM, PM10, PM2.5 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

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

F. Nonattainment (NA) Permits and NA Major Pollutants

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

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

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

| NSR Permit No. | Issuance Date | NSR Permit No. | Issuance Date | NSR Permit No | Issuance Date |
|----------------|---------------|----------------|---------------|---------------|---------------|
| 2023 | 05/03/2024 | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

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. |
|------------|------------|----------------------|
| 04/11/2025 | O-2026 | RN102181526 |

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

- ◆ **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 | | | | |
| 106.262 | 11/01/2003 | | | | |
| 106.263 | 11/01/2001 | | | | |
| 106.472 | 09/04/2000 | | | | |
| 106.495 | 09/04/2000 | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

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

| Permit No. | Issuance Date | Permit No. | Issuance Date | Permit No. | Issuance Date |
|------------|---------------|------------|---------------|------------|---------------|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR**

Table 1

| Date | Permit No. | Regulated Entity No. |
|----------|------------|----------------------|
| 04/11/25 | O2026 | RN102181526 |

| 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 |
|------------------------|------------------------------|------------------------|------------------------------------|---------------------------------|-------------------------|--|--|
| | 2 | 1039 | OP-UA15 | BLENDER VENT | | 2023 | PSDTX118M4 |
| | 2 | 1041 | OP-UA13 | COOLING TOWER | | 2023 | PSDTX118M4 |
| | 2 | 253 | OP-UA15 | #1 REACTION EXTRUDER DRIER | | 2023 106.264/09/04/2000 | PSDTX118M4 |
| | 2, 4 | 254 | OP-UA15 | #1 REACTION PRIMARY STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 255 | OP-UA15 | #1 REACTION PRIMARY STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 256 | OP-UA15 | #1 REACTION PRIMARY STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 257 | OP-UA15 | #1 REACTION PRIMARY STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 258 | OP-UA15 | #1 REACTION PRIMARY STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR

This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

Page ____ of ____

**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. |
|----------|------------|----------------------|
| 04/11/25 | O2026 | RN102181526 |

| 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 |
|------------------------|------------------------------|------------------------|------------------------------------|---------------------------------|-------------------------|--|--|
| | 2, 4 | 259 | OP-UA15 | #1 REACTION PRIMARY STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 260 | OP-UA15 | #1 REACTION PRIMARY STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 261 | OP-UA15 | BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 262 | OP-UA15 | BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 263 | OP-UA15 | BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 264 | OP-UA15 | BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 265 | OP-UA15 | BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |

**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. |
|----------|------------|----------------------|
| 04/11/25 | O2026 | RN102181526 |

| 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 |
|-----------------|---------------------------|---------------------|------------------------------|---------------------------------|-------------------|--|--|
| | 2, 4 | 266 | OP-UA15 | BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 267 | OP-UA15 | BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 268 | OP-UA15 | BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2 | 270 | OP-UA15 | #2 REACTION EXTRUDER DRIER | | 2023 | PSDTX118M4 |
| | 2, 4 | 271 | OP-UA15 | #2 REACTION PRIMARY STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 272 | OP-UA15 | #2 REACTION PRIMARY STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 273 | OP-UA15 | #2 REACTION PRIMARY STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |

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Table 1

| Date | Permit No. | Regulated Entity No. |
|----------|------------|----------------------|
| 04/11/25 | O2026 | RN102181526 |

| 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 |
|-----------------|---------------------------|---------------------|------------------------------|---------------------------------|------------------|---|--|
| | 2, 4 | 274 | OP-UA15 | #2 REACTION PRIMARY STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 275 | OP-UA15 | #2 REACTION PRIMARY STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 276 | OP-UA15 | #2 REACTION BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 277 | OP-UA15 | #2 REACTION BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 278 | OP-UA15 | #2 REACTION BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 279 | OP-UA15 | #2 REACTION BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |
| | 2, 4 | 280 | OP-UA15 | #2 REACTION BULK STORAGE BIN | | 2023 106.261/11/01/2003 [118024] 106.262/11/01/2003 [118024] | PSDTX118M4 |

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR

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**Texas Commission on Environmental Quality
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Table 1

| Date | Permit No. | Regulated Entity No. |
|----------|------------|----------------------|
| 04/11/25 | O2026 | RN102181526 |

| 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 |
|---------------------|------------------------------|------------------------|---------------------------------|---------------------------------------|-------------------------|---|---|
| | 2, 4 | 281 | OP-UA15 | #2 REACTION BULK STORAGE BIN | | 2023 106.261/11/01/2003 106.262/11/01/2003 | PSDTX118M4 |
| | 2, 4 | 282 | OP-UA15 | #2 REACTION BULK STORAGE BIN | | 2023 106.261/11/01/2003 106.262/11/01/2003 | PSDTX118M4 |
| | 2 | 284 | OP-UA15 | MIX TANK VENT | | 2023 | PSDTX118M4 |
| | 2 | 289 | OP-UA15 | REFRIGERATED ISOPROPANOL TANK VENT | | 2023 | PSDTX118M4 |
| | 1,2 | 2PURCOL | OP-UA15 | NO. 2 PURGE COLUMN | | 2023 | PSDTX118M4 |
| | 2 | 306 | OP-UA15 | SCRAP BIN | | 2023 | PSDTX118M4 |
| | 2 | 414 | OP-UA15 | SCREEN PACK CLEANER/DIE PLATE CLEANER | | 106.495/09/04/2000 | |
| | 2 | 547 | OP-UA15 | PREHEAT BIN | | 2023 | PSDTX118M4 |
| | 2 | 549 | OP-UA15 | HOLDING BIN | | 2023 106.261/11/01/2003 [108571] 106.262/11/01/2003 [108571] | PSDTX118M4 |
| | 2 | 552 | OP-UA15 | COOLING BIN | | 2023 | PSDTX118M4 |

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**Texas Commission on Environmental Quality
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[Table 1](#)

| Date | Permit No. | Regulated Entity No. |
|----------|------------|----------------------|
| 04/11/25 | O2026 | RN102181526 |

| 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 |
|-----------------|---------------------------|---------------------|------------------------------|-----------------------------------|------------------|---|--|
| | 2 | 553 | OP-UA15 | COOLING BIN | | 2023 | PSDTX118M4 |
| | 1, 2 | 561 | OP-UA3 | INHIBITOR TANK | | 2023 | PSDTX118M4 |
| | 2 | 669 | OP-UA15 | A/O MIX TANK | | 2023 106.472/09/04/2000 | PSDTX118M4 |
| | 1, 2 | EAVACOL | OP-UA15 | EA/VA REMOVAL COLUMN | | 2023 | PSDTX118M4 |
| | 1, 2 | FGSEP | OP-UA15 | FURNACE GAS ENTRAINMENT SEPARATOR | | 2023 | PSDTX118M4 |
| | 1, 2 | HP2FUGS | OP-UA1 OP-UA12 | FUGITIVE EMISSIONS | | 2023 106.261/11/01/2003 | PSDTX118M4 |
| | 1, 2 | ISOCOL | OP-UA15 | ISO COLUMN C-901 OVERHEAD | | 2023 | PSDTX118M4 |

**Texas Commission on Environmental Quality
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Table 1

| Date | Permit No. | Regulated Entity No. |
|----------|------------|----------------------|
| 04/11/25 | O2026 | RN102181526 |

| 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 |
|------------------------|------------------------------|------------------------|---------------------------------|--|---------------------|--|---|
| | 3, 4 | RX2EXTR1 | OP-UA15 | HP-2 RX2 EXTRUDER SEAL NO. 1 | | 2023 | PSDTX118M4 |
| | 3, 4 | RX2EXTR2 | OP-UA15 | HP-2 RX2 EXTRUDER SEAL NO. 2 | | 2023 | PSDTX118M4 |
| | 2 | SDL15 | OP-UA1 OP-UA4 | HP2 PROPYLENE UNLOADING | | 2023 | PSDTX118M4 |
| | 2 | SDL16 | OP-UA1 OP-UA4 | HP2 ISOPROPANOL TANK TRUCK UNLOADING | | 2023 | PSDTX118M4 |
| | 2 | SDL17 | OP-UA1 OP-UA4 | HP2 ETHYL ACRYLATE/VINYL ACETATE TANK CAR UNLOADING | | 2023 | PSDTX118M4 |
| | 2 | UNLDGLOW | OP-UA4 | LOW VAPOR PRESSURE VOC UNLOADING | | 2023 | PSDTX118M4 |
| | | | | | | | |

**Texas Commission on Environmental Quality
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[Table 2](#)

| Date | Permit No. | Regulated Entity No. |
|----------|------------|----------------------|
| 04/11/25 | O2026 | RN102181526 |

| Revision No. | ID No. | Applicable Form | Group AI | Group ID No. |
|--------------|--------|-----------------|----------|--------------|
| 2 | 1039 | OP-UA15 | | GRPVENT2 |
| 2 | 253 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 254 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 255 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 256 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 257 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 258 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 259 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 260 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 261 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 262 | OP-UA15 | | GRPVNT1B |
| 2,4 | 263 | OP-UA15 | | GRPVNT1B |

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR

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**Texas Commission on Environmental Quality
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[Table 2](#)

| Date | Permit No. | Regulated Entity No. |
|----------|------------|----------------------|
| 04/11/25 | O2026 | RN102181526 |

| Revision No. | ID No. | Applicable Form | Group AI | Group ID No. |
|--------------|--------|-----------------|----------|--------------|
| 2, 4 | 264 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 265 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 266 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 267 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 268 | OP-UA15 | | GRPVNT1B |
| 2 | 270 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 271 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 272 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 273 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 274 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 275 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 276 | OP-UA15 | | GRPVNT1B |

**Texas Commission on Environmental Quality
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Table 2

| Date | Permit No. | Regulated Entity No. |
|----------|------------|----------------------|
| 04/11/25 | O2026 | RN102181526 |

| Revision No. | ID No. | Applicable Form | Group AI | Group ID No. |
|--------------|---------|-----------------|----------|--------------|
| 2, 4 | 277 | OP-UA I 5 | | GRPVNT1B |
| 2, 4 | 278 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 279 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 280 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 281 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 282 | OP-UA15 | | GRPVNT1B |
| 2, 4 | 284 | OP-UA I 5 | | GRPVENT2 |
| 2, 4 | 289 | OP UA15 | | GRPVENT2 |
| 1, 2 | 2PURCOL | OP-UA15 | | GRP-MONCVNT |
| 2 | 306 | OP-UA 15 | | GRPVNT1B |
| 2 | 414 | OP-UA15 | | GRPVENT2 |
| 2 | 547 | OP-UA15 | | GRPVENT2 |

**Texas Commission on Environmental Quality
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Individual Unit Summary for Revisions
Form OP-SUMR**

Table 2

| Date | Permit No. | Regulated Entity No. |
|----------|------------|----------------------|
| 04/11/25 | O2026 | RN102181526 |

| Revision No. | ID No. | Applicable Form | Group AI | Group ID No. |
|--------------|----------|------------------|----------|--------------|
| 2 | 549 | OP-UA15 | | GRPVENT1 |
| 2 | 552 | OP-UA15 | | GRPVENT1 |
| 2 | 553 | OP-UA15 | | GRPVENT1 |
| 2 | 669 | OP-UA 15 | | GRPVENT2 |
| 1, 2 | EAVACOL | OP-UA 15 | | GRP-MONCVNT |
| 1, 2 | FGSEP | OP-UA15 | | GRP-MONCVNT |
| 1, 2 | ISOCOL | OP-UA15 | | GRP-MONCVNT |
| 3, 4 | RX2EXTR1 | OP-UA15 | | GRPVENT2 |
| 3, 4 | RX2EXTR2 | OP-UA15 | | GRPVENT2 |
| 2 | SDL15 | OP-UA1 OP-UA4 | | GRPUNLDGHI |
| 2 | SDL16 | OP-UA1 OP-UA4 | | GRPUNLDGHI |

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

| Date | Permit Number | Regulated Entity Number |
|----------|---------------|-------------------------|
| 04/11/25 | O2026 | RN102181526 |

| Unit ID No. | Registration No. | PBR No. | Registration Date |
|---------------------|------------------|----------------------------|-------------------|
| 246, 251, 269 | 169847 | PBR 106.261 PBR 106.476 | 09/15/2022 |
| 254-268 and 271-282 | 118024 | PBR 106.261 PBR 106.262 | 05/30/2014 |
| 1245, 549 | 108571 | PBR 106.261 PBR 106.262 | 07/10/2013 |
| 251, 269 | 84497 | PBR 106.261 | 05/06/2008 |
| 246 | 90957 | PBR 106.261 PBR 106.262 | 10/27/2009 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

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

| Date | Permit Number | Regulated Entity Number |
|----------|---------------|-------------------------|
| 04/11/25 | O2026 | RN102181526 |

| Unit ID No. | PBR No. | Version No./Date |
|-------------|-------------|------------------|
| 669, 672 | PBR 106.472 | 09/04/2000 |
| 414 | PBR 106.495 | 09/04/2000 |
| | | |
| | | |
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| | | |
| | | |
| | | |
| | | |

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

| Date | Permit Number | Regulated Entity Number |
|------|---------------|-------------------------|
| | | |

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

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

| Date | Permit Number | Regulated Entity Number |
|----------|---------------|-------------------------|
| 04/11/25 | O2026 | RN102181526 |

| Unit ID No. | PBR No. | Version No./Date Or Registration No. | Monitoring Requirement |
|---------------------|----------------------------|--------------------------------------|---|
| 246, 251, 269 | PBR 106.261 PBR 106.476 | 169847 | Hours of online time for equipment are tracked. Monitoring is performed for fugitive emission components. |
| 254-268 and 271-282 | PBR 106.261 PBR 106.262 | 118024 | Production throughput for bins is tracked. |
| 1245, 549 | PBR 106.261 PBR 106.262 | 108571 | Production throughput for equipment is tracked. |
| 669, 672 | PBR 106.472 | 09/04/2000 | Throughput for equipment is tracked. |
| 414 | PBR 106.495 | 09/04/2000 | Hours of operating for screenpack burner is tracked. |
| 251, 269 | PBR 106.261 | 84497 | Equipment is monitored under fugitive emission program. |
| 246 | PBR 106.261 PBR 106.262 | 90957 | Throughput of vinyl acetate is tracked. |
| | | | |
| | | | |
| | | | |

Major NSR Summary Table

| Permit Numbers: 2023 and PSDTX118M4 | | | | | Issuance Date: May 3, 2024 | | |
|-------------------------------------|---|--------------------------|----------------|---------|---|---|---|
| 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 |
| 246 | Flare (11)(14) | Acetone | 0.03 | 0.02 | 2, 13 | 2, 3, 13 | 2, 13 |
| | | CO | 25.65 | 16.74 | | | |
| | | NOx | 4.97 | 3.24 | | | |
| | | Ethylene (12) | 28.60 | 20.47 | | | |
| | | Vinyl Acetate (12) | 1.51 | 1.6 | | | |
| | | Ethyl Acrylate (12) | 1.20 | 0.04 | | | |
| | | Propylene (12) | 6.96 | 2.66 | | | |
| | | Toluene (12) | 0.01 | 0.01 | | | |
| | | VOC | 38.35 | 24.83 | | | |
| 246 | Flare Maintenance, Start-Up, and Shutdown Emissions (MSS) only (11)(14) | Acetone | 0.02 | 0.01 | 11, 13 | 11, 13 | 13 |
| | | CO | 158.87 | 12.29 | | | |
| | | NOx | 31.18 | 2.41 | | | |
| | | VOC | 260.53 | 18.02 | | | |
| | | Ethylene (13) | | 7.42 | | | |
| | | Propylene (13) | | 0.50 | | | |
| | | Vinyl Acetate (13) | | 0.01 | | | |
| | | Ethyl Acrylate (13) | | 0.01 | | | |

Major NSR Summary Table

| Permit Numbers: 2023 and PSDTX118M4 | | | | | Issuance Date: May 3, 2024 | | |
|-------------------------------------|-------------------------------------|----------------------------|----------------|---------|---|---|---|
| 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 |
| | | Vinyltrimethoxysilane (13) | | 0.01 | | | |
| | | Mineral Spirits (13) | | 0.01 | | | |
| 251 | Reactor No. 1 Process Fugitives (5) | Acetone | 0.07 | 0.29 | 2, 9 | 2, 9 12 | 2 |
| | | CO | 0.01 | 0.01 | | | |
| | | VOC | 9.36 | 41.00 | | | |
| 252 | No. 1 Cyclone Scrubber Vent | VOC | 0.06 | 0.01 | | 3 | |
| 253 | No. 1 Extruder Drier | Vinyl Acetate | 7.00 | (6) | 4, 5, 6, 7 | 3, 4, 5, 6, 7 | 6 |
| | | Ethylene | 4.00 | (6) | | | |
| | | Propylene | 0.20 | (6) | | | |
| | | Ethyl Acrylate | 0.01 | (6) | | | |
| | | Acetone | 0.07 | (6) | | | |
| | | PM | 1.30 | 5.69 | | | |
| | | PM ₁₀ | 1.30 | 5.69 | | | |
| | | PM _{2.5} | 1.30 | 5.69 | | | |
| 254 - 260 | No. 1 Primary Storage Bins | Vinyl Acetate | 21.73 | (6) | 2, 4, 5, 6, 7 | 2, 3, 4, 5, 6, 7 | 2, 6 |
| | | Ethylene | 32.00 | (6) | | | |

Major NSR Summary Table

| Permit Numbers: 2023 and PSDTX118M4 | | | | | Issuance Date: May 3, 2024 | | |
|-------------------------------------|-------------------------------------|--------------------------|----------------|------------|---|---|---|
| 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 |
| | | Propylene | 1.54 | (6) | | | |
| | | Ethyl Acrylate | 0.01 | (6) | | | |
| | | Acetone | 0.58 | (6) | | | |
| | | PM | | (6) | | | |
| | | PM ₁₀ | | (6) | | | |
| | | PM _{2.5} | | (6) | | | |
| 261 - 268 | No. 1 Bulk Storage Bins | Vinyl Acetate | 21.73 | 19.50 (7) | 2, 4, 5, 6, 7 | 2, 3, 4, 5, 6, 7 | 2, 6 |
| | | Ethylene | 32.00 | 118.00 (7) | | | |
| | | Propylene | 1.54 | 4.67 | | | |
| | | Ethyl Acrylate | 0.01 | 0.01 | | | |
| | | Acetone | 0.58 | 0.62 | | | |
| | | PM | 2.05 | 8.98 | | | |
| | | PM ₁₀ | 2.05 | 8.98 | | | |
| | | PM _{2.5} | 2.05 | 8.98 | | | |
| 269 | Reactor No. 2 Process Fugitives (5) | CO | 0.60 | 2.64 | 9 | 9, 12 | |
| | | VOC | 6.16 | 26.99 | | | |
| 270 | No. 2 Extruder Drier | Ethylene | 4.00 | (8) | 4, 5, 6, 7 | 3, 4, 5, 6, 7 | 6 |

Major NSR Summary Table

| Permit Numbers: 2023 and PSDTX118M4 | | | | | Issuance Date: May 3, 2024 | | |
|-------------------------------------|----------------------------|--------------------------|----------------|------------|---|---|---|
| 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 |
| | | Propylene | 0.20 | (8) | | | |
| | | Acetone | 0.07 | (8) | | | |
| | | PM | 1.30 | 5.69 | | | |
| | | PM ₁₀ | 1.30 | 5.69 | | | |
| | | PM _{2.5} | 1.30 | 5.69 | | | |
| 271 - 275 | No. 2 Primary Storage Bins | Vinyl Acetate | 21.73 | (8) | 2, 4, 5, 6, 7 | 2, 3, 4, 5, 6, 7 | 2, 6 |
| | | Ethylene | 32.00 | (8) | | | |
| | | Propylene | 1.54 | (8) | | | |
| | | Ethyl Acrylate | 0.01 | (8) | | | |
| | | Acetone | 0.58 | (8) | | | |
| | | PM | (8) | | | | |
| | | PM ₁₀ | (8) | | | | |
| | | PM _{2.5} | (8) | | | | |
| 276 - 282 | No. 2 Bulk Storage Bins | Vinyl Acetate | 21.73 | 19.50 (9) | 2, 4, 5, 6, 7 | 2, 3, 4, 5, 6, 7 | 2, 6 |
| | | Ethylene | 32.00 | 118.00 (9) | | | |
| | | Propylene | 1.54 | 4.67 | | | |
| | | Ethyl Acrylate | 0.01 | 0.01 | | | |

Major NSR Summary Table

| Permit Numbers: 2023 and PSDTX118M4 | | | | | Issuance Date: May 3, 2024 | | |
|-------------------------------------|-----------------------------|--------------------------|----------------|---------|---|---|---|
| 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 |
| | | Acetone | 0.58 | 0.62 | | | |
| | | PM | 2.05 | 8.98 | | | |
| | | PM ₁₀ | 2.05 | 8.98 | | | |
| | | PM _{2.5} | 2.05 | 8.98 | | | |
| A-299 | No. 1 Dryer Sampler Filter | PM | 0.01 | 0.01 | 6, 7 | 6, 7 | 6 |
| | | PM ₁₀ | 0.01 | 0.01 | | | |
| | | PM _{2.5} | 0.01 | 0.01 | | | |
| A-300 | No. 2 Dryer Sampler Filter | PM | 0.01 | 0.01 | 6, 7 | 6, 7 | 6 |
| | | PM ₁₀ | 0.01 | 0.01 | | | |
| | | PM _{2.5} | 0.01 | 0.01 | | | |
| 410 | No. 1 Fines Streamer Filter | PM | 0.01 | 0.01 | 6, 7 | 3, 6, 7 | 6 |
| | | PM ₁₀ | 0.01 | 0.01 | | | |
| | | PM _{2.5} | 0.01 | 0.01 | | | |
| 411 | No. 2 Fines Streamer Filter | PM | 0.01 | 0.01 | 6, 7 | 3, 6, 7 | 6 |
| | | PM ₁₀ | 0.01 | 0.01 | | | |
| | | PM _{2.5} | 0.01 | 0.01 | | | |
| 413 | PND catalyst Feed Tank | VOC | 0.45 | 0.01 | 17 | 17 | |

Major NSR Summary Table

| Permit Numbers: 2023 and PSDTX118M4 | | | | | Issuance Date: May 3, 2024 | | |
|-------------------------------------|--|--------------------------|----------------|---------|---|---|---|
| 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 |
| 546 | Vulcanizables Fines Separator Dust Collector | PM | 0.20 | 0.94 | 6, 7 | 3, 6, 7 | 6 |
| | | PM ₁₀ | 0.20 | 0.94 | | | |
| | | PM _{2.5} | 0.20 | 0.94 | | | |
| 547 | Vulcanizables Preheat Bin | PM | 0.30 | 0.55 | 6, 7 | 3, 6, 7 | 6 |
| | | PM ₁₀ | 0.30 | 0.55 | | | |
| | | PM _{2.5} | 0.30 | 0.55 | | | |
| 548 | Vulcanizables Peroxide Tank | Acetophenone(12) | 4.92 | 0.88 | 17 | 17 | |
| | | Cumene (12) | 1.23 | 0.3 | | | |
| | | Phenol (12) | 1.23 | 0.3 | | | |
| | | Toluene (12) | 0.01 | 0.01 | | | |
| | | VOC | 12.33 | 2.19 | | | |
| 549 | Vulcanizables Holding Bin | Acetophenone (12) | 2.00 | 8.76 | | | |
| | | Cumene (12) | 0.50 | 2.19 | | | |
| | | Phenol (12) | 0.50 | 2.19 | | | |
| | | Toluene (12) | 0.01 | 0.01 | | | |
| | | VOC | 5.00 | 21.9 | | | |
| 552 and 553 | | PM | 0.12 | 0.11 | 6, 7 | 3, 6, 7 | 6 |

Major NSR Summary Table

| Permit Numbers: 2023 and PSDTX118M4 | | | | | Issuance Date: May 3, 2024 | | |
|-------------------------------------|---|--------------------------|----------------|---------|---|---|---|
| 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 |
| | Vulcanizables Cooling Bin Nos. 1 and 2 | PM ₁₀ | 0.12 | 0.11 | | | |
| | | PM _{2.5} | 0.12 | 0.11 | | | |
| | | VOC | (10) | (10) | | | |
| 562 | Mineral Spirits Tank | VOC | 0.23 | 0.01 | 17 | 17 | |
| 563 | Propylene Unloading Process Fugitives (5) | VOC | 0.05 | 0.23 | 9 | 9 | |
| 669 | Anti-Oxidant Mix Tank | Acetone | 8.76 | 0.11 | 17 | 17 | |
| | | VOC | 2.74 | 0.08 | | | |
| 670 | East A/O Run Tank | Acetone | 4.38 | 0.15 | 17 | 17 | |
| 671 | West Vinyl Acetate Run Tank | VOC | 2.74 | 0.10 | 17 | 17 | |
| 672 | Old Run Tank | Acetone | 1.97 | 0.03 | 17 | 17 | |
| | | Vinyl Acetate | 1.54 | 0.02 | | | |
| 1004 | Vulcanizables Fines SeparatorBaghouse | PM | 0.20 | 0.94 | 6, 7 | 3, 6, 7 | 6 |
| | | PM ₁₀ | 0.20 | 0.94 | | | |
| | | PM _{2.5} | 0.20 | 0.94 | | | |
| 1011 | No. 1 Process Analyzer Vent | VOC | 0.01 | 0.01 | | | |

Major NSR Summary Table

| Permit Numbers: 2023 and PSDTX118M4 | | | | | Issuance Date: May 3, 2024 | | |
|-------------------------------------|-------------------------------------|--------------------------|----------------|---------|---|---|---|
| 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 |
| 1012 | No. 2 Process Analyzer Vent | VOC | 0.01 | 0.01 | | | |
| 1021 | Vulcanizables Feeder Vent | PM | 0.01 | 0.01 | 6, 7 | 6, 7 | 6 |
| | | PM ₁₀ | 0.01 | 0.01 | | | |
| | | PM _{2.5} | 0.01 | 0.01 | | | |
| 1039 | Vulcanizables Blender Vent | VOC | (10) | (10) | | 3 | |
| 1041 | Cooling Tower | VOC | 0.42 | 1.84 | 2, 14, 15 | 2, 14, 15 | 2 |
| | | PM | 0.11 | 0.49 | | | |
| | | PM ₁₀ | 0.11 | 0.49 | | | |
| | | PM _{2.5} | 0.11 | 0.49 | | | |
| 1051 | Process Analyzer Combined Vent | CO | 0.01 | 0.01 | | | |
| | | VOC | 0.01 | 0.01 | | | |
| 1058 | Vulcanizables Product Area Baghouse | PM | 0.20 | 0.94 | 6, 7 | 3, 6, 7 | 6 |
| | | PM ₁₀ | 0.20 | 0.94 | | | |
| | | PM _{2.5} | 0.20 | 0.94 | | | |
| 1059 | No. 1 Classifier Sampler Filter | PM | 0.01 | 0.01 | 6, 7 | 6, 7 | 6 |
| | | PM ₁₀ | 0.01 | 0.01 | | | |

Major NSR Summary Table

| Permit Numbers: 2023 and PSDTX118M4 | | | | | Issuance Date: May 3, 2024 | | |
|-------------------------------------|---------------------------------|--------------------------|----------------|---------|---|---|---|
| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates | | Monitoring and Testing Requirements | Recordkeeping Requirements | Reporting Requirements |
| | | | lb/hr | TPY (4) | Special Condition/Application Information | Special Condition/Application Information | Special Condition/Application Information |
| | | PM _{2.5} | 0.01 | 0.01 | | | |
| 1060 | No. 2 Classifier Sampler Filter | PM | 0.01 | 0.01 | 6, 7 | 6, 7 | 6 |
| | | PM ₁₀ | 0.01 | 0.01 | | | |
| | | PM _{2.5} | 0.01 | 0.01 | | | |
| 1061 | Vulcanizables Transfer Filter | PM | 0.01 | 0.01 | 6, 7 | 3, 6, 7 | 6 |
| | | PM ₁₀ | 0.01 | 0.01 | | | |
| | | PM _{2.5} | 0.01 | 0.01 | | | |
| 1177 | Analyzer Vent | VOC | 0.03 | 0.13 | | | |

- (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 - carbon monoxide
 NO_x - total oxides of nitrogen
 PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 PM₁₀ - particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.
- (6) Annual emission limits for the VOC from EPNs 253 through 268 are reflected in the emission rates for EPNs 261 through 268. The hourly and annual PM emissions from EPNs 254 through 268 are reflected in the emission rates for EPNs 261 through 268.
- (7) Total VOC emissions from EPNs 253 through 268 are not to exceed 124.1 tons per year (tpy).
- (8) Annual emission limits for the VOC from EPNs 270 through 282 are reflected in the emission rates for EPNs 276 through 282. The hourly and annual PM emissions from EPNs 271 through 282 are reflected in the emission rates for EPNs 276 through 282.
- (9) Total VOC emissions from EPNs 270 through 282 are not to exceed 118 tpy.
- (10) The VOC emissions from this source are accounted for at EPN 549.
- (11) Emissions from this flare are only from these permitted facilities.

- (12) The allowable emission rates listed for individual VOC species from this EPN are included in the total VOC emission rates.
- (13) Annual MSS emissions of individual VOC species for Fuel Gas Burn System including furnace gas header shutdowns/maintenance are limited as indicated. The allowable emission rates listed for individual MSS VOC species from this EPN are included in the Flare 246 total MSS VOC emission rates.
- (14) SO₂ emissions from the combustion of supplemental natural gas are authorized under NSR Permit No.1567.

From: Jasmine Yuan
Sent: Monday, March 10, 2025 10:31 AM
To: Pena, Shawn (S)
Subject: RE: Technical Review - O2026 Union Carbide Corporation (Minor, 37269)

Yes. Mention my name in the cover letter so it can be assigned to me. I will combine 2 projects. When you submit in STEERS, let me know.
I may need to forward it to APIRT to create the renewal project.
Jasmine

From: Pena, Shawn (S) <Shawn.Pena@Dow.com>
Sent: Monday, March 10, 2025 10:10 AM
To: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Subject: RE: Technical Review - O2026 Union Carbide Corporation (Minor, 37269)

Jasmine,

I was hoping for your advice regarding the renewal of Title V Permit O2026.

The renewal is due in April, and we are hoping for input regarding if we could combine the renewal into this project. If that is possible, we could submit applicable updated forms such as an OP-REQ1.

Please let us know if you have any advice on how to proceed with the renewal process.

Thank you,
Shawn

From: Pena, Shawn (S) <Shawn.Pena@dow.com>
Sent: Friday, March 7, 2025 12:24 PM
To: Jasmine Yuan
Subject: RE: Technical Review - O2026 Union Carbide Corporation (Minor, 37269)
Attachments: SOP - O2026 Union Carbide Corporation (Minor, 37269) Internal SSP Redline.docx

Jasmine,

Please see the comments in red below.

Please note that I think there is a typo in Group GRPVNT1B in the Unit Summary. The change requested moving Unit 306 from Group GRPVENT2 to GRPVNT1B but it looks like the Unit was captured as "360". Attached is a redlined version. Please let me know if you have any questions.

Regards,
Shawn

General Business

From: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Sent: Monday, March 3, 2025 10:58 AM
To: Pena, Shawn (S) <Shawn.Pena@dow.com>
Subject: RE: Technical Review - O2026 Union Carbide Corporation (Minor, 37269)

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

Hello Shawn

I updated permit draft. Please proofread.

1, SDL17 cannot be in the group as it has MACT 4E requirements, different from the group. So I pulled it out. You will see in permit.

- **Thank you. Pulling SDL17 from the group GRPUNLDGHI makes sense and we agree.**

2, Do you want to update the NSR/PSD issuance date to latest issuance date 05/03/2024? If so, let me know. I will send the major nsr summary table to you so that you can fill out.

- **Yes. Please update the NSR/PSD issuance date.**

Please respond to this email by Friday.
Jasmine

General Business

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Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|-------------------------------|--|--|---------------|---|--|
| | | | | | ppmv. |
| GRPVENT2 | EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS | 1039, 284, 289, 414, 547, 669, RX2EXTR1, RX2EXTR2 | R5121-01 | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| GRPVNT1B | EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS | 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 360 306 | R5121-01 | 30 TAC Chapter 115, Vent Gas Controls | Vent Type = Vent gas stream emissions of ethylene associated with the formation, handling, and storage of solidified low-density polyethylene in which no more than 1.1 pounds of ethylene per 1,000 pounds of product are emitted. |
| GRPVNT1B | EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS | 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282 | R5121-02 | 30 TAC Chapter 115, Vent Gas Controls | Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C8 and above)., Combined 24-Hour VOC Weight = Combined VOC weight is greater than 100 pounds (45.4 kg)., VOC Concentration = VOC concentration is less than 30,000 ppmv. |
| HP2FUGS | FUGITIVE EMISSION UNITS | N/A | 63FFFF-01 | 40 CFR Part 63, Subpart FFFF | No changing attributes. |
| HP2FUGS | FUGITIVE EMISSION UNITS | N/A | 63H-01 | 40 CFR Part 63, Subpart H | No changing attributes. |
| SDL17 | LOADING/UNLOADING OPERATIONS | N/A | R5211-01 | 30 TAC Chapter 115, Loading and Unloading of | No changing attributes. |

Commented [SP1]: Should this be 306?

From: Jasmine Yuan
Sent: Monday, March 3, 2025 10:58 AM
To: Pena, Shawn (S)
Subject: RE: Technical Review - O2026 Union Carbide Corporation (Minor, 37269)
Attachments: SOP - O2026 Union Carbide Corporation (Minor, 37269) Internal.docx

Hello Shawn

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2, Do you want to update the NSR/PSD issuance date to latest issuance date 05/03/2024? If so, let me know. I will send the major nsr summary table to you so that you can fill out.

Please respond to this email by Friday.

Jasmine

From: Pena, Shawn (S) <Shawn.Pena@dow.com>
Sent: Friday, February 28, 2025 5:02 PM
To: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Subject: FW: Technical Review - O2026 Union Carbide Corporation (Minor, 37269)

Jasmine,

Below in red are some responses to your questions. Please let me know if you need any additional information.

Thank you,
Shawn Pena
Environmental Specialist

General Business

From: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Sent: Thursday, February 13, 2025 12:38 PM
To: Pena, Shawn (S) <Shawn.Pena@dow.com>
Cc: f.frollini@dow.com
Subject: Technical Review - O2026 Union Carbide Corporation (Minor, 37269)

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

Hello Shawn,

I have been assigned to the Federal Operating Permit (FOP) revision application of Permit No. O2026 for Union Carbide, High Pressure II Unit. This application has been assigned Project

From: Pena, Shawn (S) <Shawn.Pena@dow.com>
Sent: Friday, February 28, 2025 5:02 PM
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Attachments: SOP - O2026 Union Carbide Corporation (Minor, 37269) Internal.docx

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Cc: f.frollini@dow.com
Subject: Technical Review - O2026 Union Carbide Corporation (Minor, 37269)

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Hello Shawn,

I have been assigned to the Federal Operating Permit (FOP) revision application of Permit No. O2026 for Union Carbide, High Pressure II Unit. This application has been assigned Project No. 37269. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

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

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

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

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

Please review the WDP and submit to me any comments you have regarding it by 02/28/2025. Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP. Note that any application updates necessary to make requested changes must accompany the WDP comments.

Please note in the WDP, the following issues haven't been addressed. Please clarify.

1, Term 1E was updated to include MACT EEEE.

- *The addition of MACT EEEE to term 1E looks good.*

2, You requested added MACT EEEE to Unit SDL17. However, SDL17 is in a group GRPUNLDGHI. Do you want to add the MACT EEEE for the entire group? In WDP, I added the MACT 4E to the group. just want to confirm.

- *We request that MACT EEEE only applies to SDL17 and not to the other members of that group.*

3, MACT EEEE requirements is under our technical specialist Carolyn Maus's review. I will let you know her comments once she finishes and will add it to the permit draft later.

- *Thank you. Will there be a separate WDP after Carolyn's review?*

4, Permit Page 17, GRPVENT2 requirements were updated based on your UA form. However, the RRT generated citations are little different from your citations on OP-REQ3. Do you accept it? If not, I have to ask Carolyn to review this manual edit request.

- *We accept these citations.*

Please submit a written response by this deadline.

Please review the "SOP Technical Review Fact Sheet" located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf. This guidance contains important information regarding the review process, application updates, WDP review and comment procedures.

Note that a Certification by Responsible Official (Form OP-CRO1) for any uncertified submittals, including application updates supporting the WDP comments is required to be submitted with the WDP response. 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

From: [Jasmine Yuan](#)
To: Shawn.Pena@dow.com
Cc: f.frollini@dow.com
Subject: Technical Review - O2026 Union Carbide Corporation (Minor, 37269)
Date: Thursday, February 13, 2025 12:38:00 PM
Attachments: [SOP - O2026 Union Carbide Corporation \(Minor, 37269\) Internal.docx](#)

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

Please notify me when these updates have been submitted.

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

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,

Jasmine Yuan
TCEQ Air Permits Division
P.O. Box 13087, MC 163
Austin, TX 78753
Phone: (512)239-6090
Fax: (512)239-1400
Jasmine.Yuan@tceq.texas.gov

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at www.tceq.texas.gov/customersurvey

Texas Commission on Environmental Quality

Title V Existing

2026

Site Information (Regulated Entity)

| | |
|---|--|
| What is the name of the permit area to be authorized? | HIGH PRESSURE II UNIT |
| County | CALHOUN |
| Latitude (N) (##.#####) | 28.516388 |
| Longitude (W) (-###.#####) | 96.768055 |
| Primary SIC Code | 2869 |
| Secondary SIC Code | |
| Primary NAICS Code | 325199 |
| Secondary NAICS Code | |
| Regulated Entity Site Information | |
| What is the Regulated Entity's Number (RN)? | RN102181526 |
| What is the name of the Regulated Entity (RE)? | UCC SEADRIFT OPERATIONS |
| Does the RE site have a physical address? | Yes |
| Physical Address | |
| Number and Street | 7501 STATE HIGHWAY 185 N |
| City | SEADRIFT |
| State | TX |
| ZIP | 77983 |
| County | CALHOUN |
| Latitude (N) (##.#####) | 28.515 |
| Longitude (W) (-###.#####) | -96.771666 |
| Facility NAICS Code | |
| What is the primary business of this entity? | MANUFACTURING ORGANIC CHEMICALS & THERMOPLASTIC RE |

Customer (Applicant) Information

| | |
|--|---------------------------|
| How is this applicant associated with this site? | Owner Operator |
| What is the applicant's Customer Number (CN)? | CN601688781 |
| Type of Customer | Corporation |
| Full legal name of the applicant: | |
| Legal Name | Union Carbide Corporation |
| Texas SOS Filing Number | 1335606 |
| Federal Tax ID | 980626782 |
| State Franchise Tax ID | 11314217305 |
| State Sales Tax ID | |
| Local Tax ID | |
| DUNS Number | 1289008 |
| Number of Employees | 101-250 |
| Independently Owned and Operated? | Yes |

Responsible Official Contact

Person TCEQ should contact for questions about this application:

| | |
|--|----------------------------------|
| Organization Name | THE DOW CHEMICAL COMPANY |
| Prefix | MS |
| First | HEATHER |
| Middle | |
| Last | LYONS |
| Suffix | |
| Credentials | |
| Title | LEAD SITE MANUFACTURING DIRECTOR |
| Enter new address or copy one from list: | |
| Mailing Address | |
| Address Type | Domestic |
| Mailing Address (include Suite or Bldg. here, if applicable) | PO BOX 186 |
| Routing (such as Mail Code, Dept., or Attn:) | |
| City | PORT LAVACA |
| State | TX |
| ZIP | 77979 |
| Phone (###-###-####) | 3615532769 |
| Extension | |
| Alternate Phone (###-###-####) | |
| Fax (###-###-####) | |
| E-mail | HLyons@dow.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 | The Dow Chemical Company |
| Prefix | MR |
| First | Fernando |
| Middle | |
| Last | Frollini |
| Suffix | |
| Credentials | |
| Title | Responsible Care Director |
| Enter new address or copy one from list | |
| Mailing Address | |
| Address Type | Domestic |
| Mailing Address (include Suite or Bldg. here, if applicable) | PO BOX 186 |
| Routing (such as Mail Code, Dept., or Attn:) | |
| City | PORT LAVACA |
| State | TX |
| Zip | 77979 |
| Phone (###-###-####) | 3615532816 |

Extension

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

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

E-mail

FFROLLINI@DOW.COM

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

SHAWN PENA(THE DOW CHEMICA...)

Organization Name

THE DOW CHEMICAL COMPANY

Prefix

MR

First

SHAWN

Middle

Last

PENA

Suffix

Credentials

Title

ENVIRONMENTAL SPECIALIST

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

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

PO BOX 186

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

City

PORT LAVACA

State

TX

ZIP

77979

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

3615533401

Extension

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

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

E-mail

Shawn.Pena@dow.com

Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

28 Deg 30 Min 59 Sec

3) Permit Longitude Coordinate:

96 Deg 46 Min 5 Sec

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

New Application

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

Streamlined Revision

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

No

requirements?

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

[File Properties]

File Name

OP_2_FORM OP-2 10059.pdf

Hash

000E264D9598797D46EDF8FC3CD8B79883BA6D4EE8CFA4F01F133383355D778A

MIME-Type

application/pdf

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

[File Properties]

File Name

OP_REQ3_FORM OP-REQ3 10018.pdf

Hash

844BDA91B4AFF497C0EBCA90443A4610183E55EF9148F5560FD9A40485BE0B23

MIME-Type

application/pdf

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

[File Properties]

File Name

OP_SUMR_FORM OP-SUMR 10344.pdf

Hash

A8E116B8270E1BEA1A2932BF7F73F10FF9EBCF9BD63E841AC3FFDA414D9BF0

MIME-Type

application/pdf

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

[File Properties]

File Name

OP-UA.pdf

Hash

E43FBA262617EC67975118851B24EBC541EBB9C15D2C4BA1BF549BDCC3503094

MIME-Type

application/pdf

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

O2026 Minor Permit Revision.pdf

Hash

6C659EB6B77427CDAE34ED09E37283A24C10E0BC664DD2E146795AE22C403CF6

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 Fernando Frollini, the owner of the STEERS account ER100782.
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 2026.
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: Fernando Frollini OWNER OPERATOR

Account Number:

ER100782

Signature IP Address:

170.85.98.249

Signature Date:

2024-10-14

Signature Hash:

60612B9C913A6EE7573B7B8EDEF1DF44C01523E226D9CACEA6740E4692B5EB52

Form Hash Code at time of Signature:

EAD6F17FDB16277C42FC2E5401E64685BA79DD7BC50CC0AEA1CEAF09DF565AA6

Submission

Reference Number:

The application reference number is 691981

Submitted by:

The application was submitted by ER100782/Fernando Frollini

Submitted Timestamp:

The application was submitted on 2024-10-14 at 09:29:38 CDT

Submitted From:

The application was submitted from IP address 170.85.98.249

Confirmation Number:

The confirmation number is 571169

Steers Version:

The STEERS version is 6.82

Permit Number:

The permit number is 2026

Additional Information

Application Creator: This account was created by Shawn Pena



10/14/2024

Electronic Submittal via ePermits

Mr. Johnny Bowers
TCEQ Air Permits Initial Review Team (APIRT), MC-161
P.O. Box 13087
Austin, TX 78711-3087

Union Carbide Corporation Seadrift Operations
The Dow Chemical Company
CN601688781; RN102181526
High Pressure II Unit - Title V Operating Permit O2026
Minor Permit Revision Application

Dear Mr. Bowers,

The Union Carbide Corporation is submitting the attached Title V Operating Permit O2026 Minor Revision Application for the High Pressure II Unit located at the Seadrift Operations Site in Calhoun County, Texas in accordance with 30 TAC Chapter 122, Subchapter, C §122.215, §122.216, and §122.217.

For future correspondence regarding this renewal application, I can be contacted via phone at (361)-553-3401 or e-mail at shawn.pena@dow.com.

Sincerely,

Shawn Pena

Shawn Pena
Environmental Specialist

enclosure

cc:
US EPA Region 6 R6AirPermitsTX@epa.gov
TCEQ Air Section Manager, Region 12

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

| | |
|--|--|
| Date: October 14, 2024 | |
| Permit No.: O2026 | |
| Regulated Entity No.: 102181526 | |
| Company Name: Union Carbide Corporation | |
| For Submissions to EPA | |
| Has an electronic copy of this application been submitted (or is being submitted) to EPA? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| I. Application Type | |
| Indicate the type of application: | |
| <input type="checkbox"/> Renewal | |
| <input checked="" type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.) | |
| <input type="checkbox"/> Significant Revision | |
| <input type="checkbox"/> Revision Requesting Prior Approval | |
| <input type="checkbox"/> Administrative Revision | |
| <input type="checkbox"/> Response to Reopening | |
| II. Qualification Statement | |
| For SOP Revisions Only <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| For GOP Revisions Only <input type="checkbox"/> YES <input type="checkbox"/> NO | |

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

III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)

Indicate all pollutants for which the site is a major source based on the site's potential to emit:
(Check the appropriate box[es].)

☒ VOC ☒ NO_x ☐ SO₂ ☒ PM₁₀ ☒ CO ☐ Pb ☒ HAP

Other:

IV. Reference Only Requirements (For reference only)

Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? ☒ YES ☐ NO ☐ N/A

V. Delinquent Fees and Penalties

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

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

| |
|---|
| Date: 10/14/2024 |
| Permit No.: O2026 |
| Regulated Entity No.: 102181526 |
| Company Name: Union Carbide Corporation |

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 | SDL17 | OP-UA1 OP-REQ3 OP-SUMR | N/A | Please add OLD MACT applicability to SLD17. Please change the name of SLD17 from “HP2 ETHYL ACRYLATE TANK CAR UNLOADING” to “HP2 ETHYL ACRYLATE/VINYL ACETATE TANK CAR UNLOADING”. |
| 2 | MS-C | No | GRPVENT2 | OP-UA15 OP-REQ3 | N/A | UCC requests to change answer to “VOC Concentration or Emission Rate at Maximum Operating Conditions” from “NO” to “YES” on form OP-UA15/Table 2a |
| 3 | MS-C | No | GRPVENT2 GRPVNT1B | OP-SUMR | N/A | Please remove Units 253, 270 and 306 from GRPVENT2 and move those Units to GRPVNT1B. |

**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. |
|------------------|------------|----------------------|
| October 14, 2024 | O2026 | RN102181526 |

| 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 |
|------------------------|-------------------------------------|------------------------|------------------------------------|--|-------------------------|--|--|
| | 1 | SDL17 | UA-1 | HP2 ETHYL ACRYLATE/VINYL ACETATE TANK CAR UNLOADING HP2 ETHYL ACRYLATE TANK CAR UNLOADING | N/A | 2023 | PSDTX118M4 |
| | 2 | 1039 | UA-15 | VULCANIZABLES BLENDER VENT | N/A | 2023 | PSDTX118M4 |
| | 2 | 253 | UA-15 | NO. 1 EXTRUDER DRIER | N/A | 2023 | PSDTX118M4 |
| | 2 | 270 | UA-15 | NO. 2 EXTRUDER DRIER | N/A | 2023 | PSDTX118M4 |
| | 2 | 284 | UA-15 | MIX TANK VENT | N/A | 2023 | PSDTX118M4 |
| | 2 | 289 | UA-15 | REFRIGERATED ISOPROPANOL TANK VENT | N/A | 2023 | PSDTX118M4 |
| | 2 | 306 | UA-15 | SCRAP BIN | N/A | 2023 | PSDTX118M4 |
| | 2 | 414 | UA-15 | SCREEN PACK CLEANER/DIE PLATE CLEANER | N/A | 2023 | PSDTX118M4 |
| | 2 | 547 | UA-15 | VULCANIZABLES PREHEAT BIN | N/A | 2023 | PSDTX118M4 |
| | 2 | 669 | UA-15 | ANTI-OXIDANT MIX TANK | N/A | 2023 | PSDTX118M4 |
| | 2 | RX2EXTR1 | UA-15 | HP-2 RX2 EXTRUDER SEAL NO.1 | N/A | 2023 | PSDTX118M4 |
| | 2 | RX2EXTR2 | UA-15 | HP-2 RX2 EXTRUDER SEAL NO.2 | N/A | 2023 | PSDTX118M4 |

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR

This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

Page ____ of ____

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR

[Table 2](#)

| Date | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| October 14, 2024 | O2026 | RN102181526 |

| Revision No. | ID No. | Applicable Form | Group AI | Group ID No. |
|--------------|----------|-----------------|----------|---|
| 1 | SDL17 | UA-1 | | GRPUNLDGHI |
| 2 | 1039 | UA-15 | | GRPVENT2 |
| 2 | 253 | UA-15 | | GRPVENT2 GRPVENT1B |
| 2 | 270 | UA-15 | | GRPVENT2 GRPVENT1B |
| 2 | 284 | UA-15 | | GRPVENT2 |
| 2 | 289 | UA-15 | | GRPVENT2 |
| 2 | 306 | UA-15 | | GRPVENT2 GRPVENT1B |
| 2 | 414 | UA-15 | | GRPVENT2 |
| 2 | 547 | UA-15 | | GRPVENT2 |
| 2 | 669 | UA-15 | | GRPVENT2 |
| 2 | RX2EXTR1 | UA-15 | | GRPVENT2 |
| 2 | RX2EXTR2 | UA-15 | | GRPVENT2 |

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

Table 1a: Additions

| | | |
|--|--|--------------------------|
| Date: October 14, 2024 | Regulated Entity No.: RN102181526 | Permit No.: O2026 |
| Company Name: Union Carbide Corporation | Area Name: High Pressure II Unit | |

| 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) |
|--------------|---------------------------|------------------------------------|------------------|-----------|--|--|
| 1 | SDL17 | OP-UA1 | R5211-11 | HAPS | 40 CFR Part 63, Subpart EEEE | 63.2343(a) |
| 2 | GRPVENT2 | OP-UA15 | R5121-01 | VOC | 30 TAC Chapter 115, Subchapter B, Division 2: Vent Gas Control | § 115.127(c)(1)(B) § 115.127(c)(1) [G]§ 115.125 § 115.126(2) § 115.126(3)(B) § 115.126 § 115.126(2) § 115.126(3) § 115.126(3)(B) |
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**Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program**

Table 1b: Additions

| | | |
|--|--|--------------------------|
| Date: October 14, 2024 | Regulated Entity No.: RN102181526 | Permit No.: O2026 |
| Company Name: Union Carbide Corporation | Area Name: High Pressure II Unit | |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements | Recordkeeping Requirements | Reporting Requirements |
|--------------|---------------------------|-------------------|-----------|-------------------------------------|----------------------------|------------------------|
| 1 | SDL17 | R5211-11 | HAPS | N/A | 63.2343(a) | N/A |
| 2 | GRPVENT2 | R5121-01 | VOC | N/A | 115.126(4) | N/A |
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**Applicable Requirements Summary
Form OP-REQ3 (Page 3)
Federal Operating Permit Program**

Table 2a: Deletions

| | | |
|--|--|--------------------------|
| Date: October 14, 2024 | Regulated Entity No.: RN102181526 | Permit No.: O2026 |
| Company Name: Union Carbide Corporation | Area Name: High Pressure II Unit | |

| 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) |
|--------------|---------------------------|------------------------------------|-------------------|-----------|--|---|
| 2 | GRPVENT2 | OP-UA15 | R5121-01 | VOC | 30 TAC Chapter 115, Subchapter B, Division 2: Vent Gas Control | § 115.127(c)(1)(B) § 115.127(c)(1) [G]§ 115.125 § 115.126(2) § 115.126(3)(B) § 115.126 § 115.126(2) § 115.126(3) § 115.126(3)(B) |
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**Applicable Requirements Summary
Form OP-REQ3 (Page 4)
Federal Operating Permit Program**

Table 2b: Deletions

| | | |
|--|--|--------------------------|
| Date: October 14, 2024 | Regulated Entity No.: RN102181526 | Permit No.: O2026 |
| Company Name: Union Carbide Corporation | Area Name: High Pressure II Unit | |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements | Recordkeeping Requirements | Reporting Requirements |
|--------------|---------------------------|------------------------------------|-------------------|-----------|-------------------------------------|----------------------------|------------------------|
| 2 | GRPVENT2 | OP-UA15 | R5121-01 | VOC | N/A | 115.126(3) § 115.126(3)(B) | N/A |
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**Texas Commission on Environmental Quality
Miscellaneous Unit Attributes
Form OP-UA1 (Page 1)
Federal Operating Permit Program**

| | |
|------------------------------|-------------|
| Date: | 10/14/2024 |
| Permit No.: | O2026 |
| Regulated Entity No.: | RN102181526 |

| 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 |
|-------------|-------------------|-----------|--|--|------------------------------|---|
| SDL17 | 63EEEE-01 | EU | | | | Please add OLD MACT Low-Level Applicability. Reference OP-REQ3 for detailed citations. |
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Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 3)
Federal Operating Permit Program
Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Vent Gas Control
Texas Commission on Environmental Quality

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 10/14/2024 | 02026 | RN102181526 |

| Emission Point ID No. | SOP/GOP Index No. | Chapter 115 Division | Combustion Exhaust | Vent Type | Total Uncontrolled VOC Weight | Combined 24-Hour VOC Weight | VOC Concentration | VOC Concentration or Emission Rate at Maximum Operating Conditions |
|-----------------------|-------------------|----------------------|--------------------|-----------|-------------------------------|-----------------------------|-------------------|--|
| GRPVENT2 | R5121-01 | NO | NO | CLASVOC | | 100- | | YES NO |
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