**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) 239-1250or 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: American Rockwool Manufacturing, LLC |
| **B**. | Customer Reference Number (CN): **CN** 605129857 |
| **C.** | Submittal Date *(mm/dd/yyyy):* 08/22/2024 |
| **II.** | **Site Information** |
| **A.** | Site Name: Nolanville Plant |
| **B**. | Regulated Entity Reference Number (RN): **RN** 100215243 |
| **C.** | Indicate affected state(s) required to review permit application: *(Check the appropriate box[es].)* |
| ☐ AR ☐ CO ☐ KS ☐ LA ☐ NM ☐ OK ☒ N/A | |
| **D**. | Indicate all pollutants for which the site is a major source based on the site's potential to emit: *(Check the appropriate box[es].)* |
| ☐ VOC ☐ $NO_X$ ☒ $SO_2$ ☐ $PM_{10}$ ☒ CO ☐ Pb ☒ HAPS | |
| Other: TRS | |
| **E.** | Is the site a non-major source subject to the Federal Operating Permit Program? ☐ YES ☒ NO |
| **F.** | Is the site within a local program area jurisdiction? ☐ YES ☒ NO |
| **G.** | Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? ☐ YES ☒ NO |
| **H.** | Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: |
| **III.** | **Permit Type** |
| **A.** | Type of Permit Requested: *(Select only one response )* |
| ☒ Site Operating Permit (SOP) ☐ Temporary Operating Permit (TOP) ☐ General Operating Permit (GOP) | |

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

| | | |
|---|---|---|
| **IV.** | **Initial Application Information** *(Complete for Initial Issuance Applications Only.)* | |
| **A.** | Is this submittal an abbreviated or a full application? | ☐ Abbreviated ☐ Full |
| **B.** | If this is a full application, is the submittal a follow-up to an abbreviated application? | ☐ YES ☐ NO |
| **C.** | If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? | ☐ YES ☐ NO |
| **D.** | Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) | ☐ YES ☐ NO |
| **V.** | **Confidential Information** | |
| **A.** | Is confidential information submitted in conjunction with this application? | ☐ YES ☑ NO |
| **VI.** | **Responsible Official (RO) Identifying Information** | |
| RO Name Prefix: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) | | |
| RO Full Name: Tomas Miller | | |
| RO Title: Plant Manager | | |
| Employer Name: American Rockwool Manufacturing, LLC | | |
| Mailing Address: 440 Jackrabbit Rd | | |
| City: Belton | | |
| State: Texas | | |
| ZIP Code: 76513 | | |
| Territory: | | |
| Country: | | |
| Foreign Postal Code: | | |
| Internal Mail Code: | | |
| Telephone No.: (254) 735-5035 | | |
| Fax No.: 972-468-9086 | | |
| Email: tmiller@americanrockwool.com | | |

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

| **VII. Technical Contact Identifying Information** *(Complete if different from RO.)* | |
|---|---|
| Technical Contact Name Prefix: (☐ Mr. ☒ Mrs. ☐ Ms. ☐ Dr.) | |
| Technical Contact Full Name: | Mona Johnson, P.E. |
| Technical Contact Title: | Principal |
| Employer Name: | CAMS eSPARC, LLC |
| Mailing Address: | 3801 Lake Boone Trail, Ste. 200 |
| City: | Raleigh |
| State: | North Carolina |
| ZIP Code: | 77002 |
| Territory: | |
| Country: | |
| Foreign Postal Code: | |
| Internal Mail Code: | |
| Telephone No.: | (919) 747-5001 |
| Fax No.: | |
| Email: | mjohnson@camstex.com |

| **VIII. Reference Only Requirements** *(For reference only.)* | | |
|---|---|---|
| **A.** | State Senator: | Pete Flores |
| **B.** | State Representative: | Hugh Shine |
| **C.** | Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? | ☒ YES ☐ NO ☐ N/A |
| **D.** | Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? | ☒ YES ☐ NO |
| **E.** | Indicate the alternate language(s) in which public notice is required: | Spanish |

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

| | |
|---|---|
| **IX.** | **Off-Site Permit Request**<br>*(Optional for applicants requesting to hold the FOP and records at an off-site location.)* |
| **A.** | Office/Facility Name: |
| **B.** | Physical Address: |
| City: | |
| State: | |
| ZIP Code: | |
| Territory: | |
| Country: | |
| Foreign Postal Code: | |
| **C.** | Physical Location: |
| | |
| | |
| | |
| **D.** | Contact Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) |
| Contact Full Name: | |
| **E.** | Telephone No.: |
| **X.** | **Application Area Information** |
| **A.** | Area Name: Nolanville Plant |
| **B.** | Physical Address: 440 Jackrabbit Flat Rd |
| City: | Nolanville |
| State: | Texas |
| ZIP Code: | 76559 |
| **C.** | Physical Location: |
| | |
| | |
| | |
| **D**. | Nearest City: |
| **E.** | State: |
| **F.** | ZIP Code: |

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

| | |
|---|---|
| **X.** | **Application Area Information *(continued)*** |
| **G.** | Latitude (nearest second): 31.0755555 |
| **H.** | Longitude (nearest second): -97.57141666 |
| **I.** | Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? ☐ YES ☒ NO |
| **J.** | Indicate the estimated number of emission units in the application area: 15 |
| **K.** | Are there any emission units in the application area subject to the Acid Rain Program? ☐ YES ☒ NO |
| **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: Nolanville City Hall |
| **B.** | Physical Address: 101 N 5th Street |
| City: | Nolanville |
| ZIP Code: | 76559 |
| **C.** | Contact Person (Someone who will answer questions from the public during the public notice period): |
| Contact Name Prefix: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.): | |
| Contact Person Full Name: | Tomas Miller |
| Contact Mailing Address: | 440 Jackrabbit Rd. |
| City: | Belton |
| State: | Texas |
| ZIP Code: | 76513 |
| Territory: | |
| Country: | USA |
| Foreign Postal Code: | |
| Internal Mail Code: | |
| Telephone No.: | 254-735-5035 |

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

| **XII. Delinquent Fees and Penalties** |
|---|
| **Notice:** This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol." |
| **Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.** |
| **XIII. Designated Representative (DR) Identifying Information** |
| DR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) |
| DR Full Name: |
| DR Title: |
| Employer Name: |
| Mailing Address: |
| City: |
| State: |
| ZIP Code: |
| Territory: |
| Country: |
| Foreign Postal Code: |
| Internal Mail Code: |
| Telephone No.: |
| Fax No.: |
| Email: |

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

| **Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.** |
|---|
| **XIV. Alternate Designated Representative (ADR) Identifying Information** |
| ADR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) |
| ADR Full Name: |
| ADR Title: |
| Employer Name: |
| Mailing Address: |
| City: |
| State: |
| ZIP Code: |
| Territory: |
| Country: |
| Foreign Postal Code: |
| Internal Mail Code: |
| Telephone No.: |
| Fax No.: |
| Email: |

Print Form  Reset Form

Texas Commission on Environmental Quality
Title V Existing
1134

Site Information (Regulated Entity)

| | |
|---|---|
| What is the name of the permit area to be authorized? | NOLANVILLE PLANT |
| County | BELL |
| Latitude (N) (##.######) | 31.073888 |
| Longitude (W) (-###.######) | 97.575 |
| Primary SIC Code | 3296 |
| Secondary SIC Code | |
| Primary NAICS Code | 327993 |
| Secondary NAICS Code | |

Regulated Entity Site Information

| | |
|---|---|
| What is the Regulated Entity's Number (RN)? | RN100215243 |
| What is the name of the Regulated Entity (RE)? | NOLANVILLE PLANT |
| Does the RE site have a physical address? | Yes |

Physical Address

| | |
|---|---|
| Number and Street | 1 JACK RABBIT RD |
| City | NOLANVILLE |
| State | TX |
| ZIP | 76559 |
| County | BELL |
| Latitude (N) (##.######) | 31.073888 |
| Longitude (W) (-###.######) | -97.575 |
| Facility NAICS Code | |
| What is the primary business of this entity? | ROCK WOOL MANUFACTURING |

Customer (Applicant) Information

| | |
|---|---|
| How is this applicant associated with this site? | Owner Operator |
| What is the applicant's Customer Number (CN)? | CN605129857 |
| Type of Customer | Corporation |

Full legal name of the applicant:

| | |
|---|---|
| Legal Name | American Rockwool Manufacturing, LLC |
| Texas SOS Filing Number | 802382740 |
| Federal Tax ID | |

State Franchise Tax ID 32059491095

State Sales Tax ID

Local Tax ID

DUNS Number

Number of Employees 21-100

Independently Owned and Operated? Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name AMERICAN ROCKWOOL MANUFACTURING LLC

Prefix MR

First TOMAS

Middle

Last MILLER

Suffix

Credentials

Title PLANT FOREMAN

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 440 JACKRABBIT FLAT RD

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

City NOLANVILLE

State TX

ZIP 76559

Phone (###-###-####) 2547355035

Extension

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

Fax (###-###-####) 3724689086

E-mail tmiller@americanrockwool.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact. MONA JOHNSON(CAMS ESPARC LLC... )

Organization Name CAMS ESPARC LLC

Prefix MS

First MONA

Middle

Last JOHNSON

Suffix PE

Credentials

Title ENVIRONMENTAL AND PERMITTING MANAGER

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 3801 LAKE BOONE TRL

Routing (such as Mail Code, Dept., or Attn:) STE 200

City RALEIGH

State NC

ZIP 27607

Phone (###-###-####) 9197475001

Extension

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

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

E-mail mjohnson@camstex.com

Title V General Information - Existing

1) Permit Type: SOP

2) Permit Latitude Coordinate: 31 Deg 4 Min 26 Sec

3) Permit Longitude Coordinate: 97 Deg 34 Min 30 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. 1134-35796

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

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

[File Properties]

File Name <a href=/ePermitsExternal/faces/file?fileId=213009>OP_1_2024-08-22 OP-1.pdf</a>

Hash 584079640808FBAAA64C731EC6D54CAC98B6013C2B61606FA494CF70BDFEBBFB

MIME-Type application/pdf

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.

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

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.

I am Tomas Miller, the owner of the STEERS account ER105845.

I have the authority to sign this data on behalf of the applicant named above.

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.

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.

I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.

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.

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.

I am knowingly and intentionally signing Title V Existing 1134.

My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Tomas Miller OWNER OPERATOR

Account Number: ER105845

Signature IP Address: 129.222.121.103

Signature Date: 2024-08-22

Signature Hash:
526996D90081A24D14FC367077DCB6B6CBA664DB25B362CA8271F9A54AAD0061

Form Hash Code at time of Signature:
080D46E2A279751992D31E0A1AFCD256D39AA74C8975AD4323DA8FFD7340D344

Submission

Reference Number: The application reference number is 677129

Submitted by: The application was submitted by ER105845/Tomas Miller

Submitted Timestamp: The application was submitted on 2024-08-22 at 12:49:19 CDT

Submitted From: The application was submitted from IP address 129.222.121.103

Confirmation Number: The confirmation number is 559022

Steers Version: The STEERS version is 6.81

Permit Number: The permit number is 1134

Additional Information

Application Creator: This account was created by Tomas Miller

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

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| August 16, 2024 | O1134 | RN100215243 |

| Emission Point ID No. | SOP/GOP Index No. | Alternate Opacity Limitation | AOL ID No. | Vent Source | Opacity Monitoring System | Construction Date | Effluent Flow Rate |
|---|---|---|---|---|---|---|---|
| EPN 2 (CUP1, CUP2) | R1111 | No | | OTHER | NONE | 72+ | 100+ |
| | | | | | | | |
| | | | | | | | |
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**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

| | |
|---|---|
| Date: | August 16, 2024 |
| Permit No.: | O1134 |
| RN No.: | RN100215243 |

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

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 1*** | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter** | | |
| | **A.** | **Visible Emissions** | |
| ♦ | 1. | The application area includes stationary vents constructed on or before January 31, 1972. | ☐YES ☒NO |
| ♦ | 2. | The application area includes stationary vents constructed after January 31, 1972.<br>*If the responses to Questions I.A.1 and I.A.2 are both "NO," go to Question I.A.6.*<br>*If the response to Question I.A.1 is "NO" and the response to Question I.A.2 is "YES," go to Question I.A.4.* | ☒YES ☐NO |
| ♦ | 3. | The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972. | ☐YES ☐NO |
| ♦ | 4. | All stationary vents are addressed on a unit specific basis. | ☐YES ☒NO |
| ♦ | 5. | Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area. | ☒YES ☐NO |
| ♦ | 6. | The application area includes structures subject to 30 TAC § 111.111(a)(7)(A). | ☒YES ☐NO |
| ♦ | 7. | The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A). | ☒YES ☐NO |
| ♦ | 8. | Emissions from units in the application area include contributions from uncombined water. | ☒YES ☐NO |
| ♦ | 9. | The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c). | ☐YES ☒NO ☐N/A |

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

| | |
|---|---|
| Date: | August 16, 2024 |
| Permit No.: | O1134 |
| RN No.: | RN100215243 |

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

***Form OP-REQ1: Page 87***

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

**E. PSD Permits and PSD Major Pollutants**

| | | |
|---|---|---|
| PSD Permit No.: PSDTX625M1 | Issuance Date: 01/31/2019 | Pollutant(s): CO/ PM, NOx, SO2, PM10, H2S, TRS |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |

*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**

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

*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: | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |

♦ **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.:9397 | Issuance Date: 01/31/2019 | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |

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

| | |
|---|---|
| Date: | August 16, 2024 |
| Permit No.: | O1134 |
| RN No.: | RN100215243 |

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

| ***Form OP-REQ1: Page 88*** | |
|---|---|
| **XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)** | |
| ♦ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area** | |
| *A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.* | |
| PBR No.: 106.227 | Version No./Date: 03/14/1997 |
| PBR No.: 106.261 (Reg 50933) | Version No./Date: 09/04/2000 Issued 5/28/2002 |
| PBR No.: 106.263 (Reg 170909) | Version No./Date: 11/01/2001 Issued 12/07/2022 |
| PBR No.: 106.265 | Version No./Date: 09/04/2000 |
| PBR No.: 106.472 | Version No./Date: 09/04/2000 |
| PBR No.: 106.473 | Version No./Date: 09/04/2000 |
| PBR No.: 106.478 | Version No./Date: 09/04/2000 |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| ♦ **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 No.: | Issuance Date: |

**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) 239-1250or 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: American Rockwool Manufacturing, LLC |
| **B**. | Customer Reference Number (CN): **CN** 605129857 |
| **C.** | Submittal Date *(mm/dd/yyyy):* 08/22/2024 |
| **II.** | **Site Information** |
| **A.** | Site Name: Nolanville Plant |
| **B**. | Regulated Entity Reference Number (RN): **RN** 100215243 |
| **C.** | Indicate affected state(s) required to review permit application: *(Check the appropriate box[es].)* |
| ☐ AR ☐ CO ☐ KS ☐ LA ☐ NM ☐ OK ☒ N/A | |
| **D**. | Indicate all pollutants for which the site is a major source based on the site's potential to emit: *(Check the appropriate box[es].)* |
| ☐ VOC ☐ $NO_X$ ☒ $SO_2$ ☐ $PM_{10}$ ☒ CO ☐ Pb ☒ HAPS | |
| Other: TRS | |
| **E.** | Is the site a non-major source subject to the Federal Operating Permit Program? ☐ YES ☒ NO |
| **F.** | Is the site within a local program area jurisdiction? ☐ YES ☒ NO |
| **G.** | Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? ☐ YES ☒ NO |
| **H.** | Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: |
| **III.** | **Permit Type** |
| **A.** | Type of Permit Requested: *(Select only one response )* |
| ☒ Site Operating Permit (SOP) ☐ Temporary Operating Permit (TOP) ☐ General Operating Permit (GOP) | |

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

| | | |
|---|---|---|
| **IV.** | **Initial Application Information** *(Complete for Initial Issuance Applications Only.)* | |
| **A.** | Is this submittal an abbreviated or a full application? | ☐ Abbreviated ☐ Full |
| **B.** | If this is a full application, is the submittal a follow-up to an abbreviated application? | ☐ YES ☐ NO |
| **C.** | If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? | ☐ YES ☐ NO |
| **D.** | Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) | ☐ YES ☐ NO |
| **V.** | **Confidential Information** | |
| **A.** | Is confidential information submitted in conjunction with this application? | ☐ YES ☑ NO |
| **VI.** | **Responsible Official (RO) Identifying Information** | |
| RO Name Prefix: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) | | |
| RO Full Name: Tomas Miller | | |
| RO Title: Plant Manager | | |
| Employer Name: American Rockwool Manufacturing, LLC | | |
| Mailing Address: 440 Jackrabbit Rd | | |
| City: Belton | | |
| State: Texas | | |
| ZIP Code: 76513 | | |
| Territory: | | |
| Country: | | |
| Foreign Postal Code: | | |
| Internal Mail Code: | | |
| Telephone No.: (254) 735-5035 | | |
| Fax No.: 972-468-9086 | | |
| Email: tmiller@americanrockwool.com | | |

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

| **VII. Technical Contact Identifying Information** *(Complete if different from RO.)* | |
|---|---|
| Technical Contact Name Prefix: (☐ Mr. ☒ Mrs. ☐ Ms. ☐ Dr.) | |
| Technical Contact Full Name: | Mona Johnson, P.E. |
| Technical Contact Title: | Principal |
| Employer Name: | CAMS eSPARC, LLC |
| Mailing Address: | 3801 Lake Boone Trail, Ste. 200 |
| City: | Raleigh |
| State: | North Carolina |
| ZIP Code: | 77002 |
| Territory: | |
| Country: | |
| Foreign Postal Code: | |
| Internal Mail Code: | |
| Telephone No.: | (919) 747-5001 |
| Fax No.: | |
| Email: | mjohnson@camstex.com |

| **VIII. Reference Only Requirements** *(For reference only.)* | | |
|---|---|---|
| **A.** | State Senator: | Pete Flores |
| **B.** | State Representative: | Hugh Shine |
| **C.** | Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? | ☒ YES ☐ NO ☐ N/A |
| **D.** | Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? | ☒ YES ☐ NO |
| **E.** | Indicate the alternate language(s) in which public notice is required: | Spanish |

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

| | |
|---|---|
| **IX.** | **Off-Site Permit Request**<br>*(Optional for applicants requesting to hold the FOP and records at an off-site location.)* |
| **A.** | Office/Facility Name: |
| **B.** | Physical Address: |
| City: | |
| State: | |
| ZIP Code: | |
| Territory: | |
| Country: | |
| Foreign Postal Code: | |
| **C.** | Physical Location: |
| | |
| | |
| | |
| **D.** | Contact Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) |
| Contact Full Name: | |
| **E.** | Telephone No.: |
| **X.** | **Application Area Information** |
| **A.** | Area Name: Nolanville Plant |
| **B.** | Physical Address: 440 Jackrabbit Flat Rd |
| City: | Nolanville |
| State: | Texas |
| ZIP Code: | 76559 |
| **C.** | Physical Location: |
| | |
| | |
| | |
| **D**. | Nearest City: |
| **E.** | State: |
| **F.** | ZIP Code: |

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

| | |
|---|---|
| **X.** | **Application Area Information *(continued)*** |
| **G.** | Latitude (nearest second): 31.0755555 |
| **H.** | Longitude (nearest second): -97.57141666 |
| **I.** | Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? ☐ YES ☒ NO |
| **J.** | Indicate the estimated number of emission units in the application area: 15 |
| **K.** | Are there any emission units in the application area subject to the Acid Rain Program? ☐ YES ☒ NO |
| **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: Nolanville City Hall |
| **B.** | Physical Address: 101 N 5th Street |
| City: | Nolanville |
| ZIP Code: | 76559 |
| **C.** | Contact Person (Someone who will answer questions from the public during the public notice period): |
| Contact Name Prefix: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.): | |
| Contact Person Full Name: | Tomas Miller |
| Contact Mailing Address: | 440 Jackrabbit Rd. |
| City: | Belton |
| State: | Texas |
| ZIP Code: | 76513 |
| Territory: | |
| Country: | USA |
| Foreign Postal Code: | |
| Internal Mail Code: | |
| Telephone No.: | 254-735-5035 |

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

| **XII. Delinquent Fees and Penalties** |
|---|
| **Notice:** This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol." |
| **Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.** |
| **XIII. Designated Representative (DR) Identifying Information** |
| DR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) |
| DR Full Name: |
| DR Title: |
| Employer Name: |
| Mailing Address: |
| City: |
| State: |
| ZIP Code: |
| Territory: |
| Country: |
| Foreign Postal Code: |
| Internal Mail Code: |
| Telephone No.: |
| Fax No.: |
| Email: |

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

| **Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.** |
|---|
| **XIV. Alternate Designated Representative (ADR) Identifying Information** |
| ADR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) |
| ADR Full Name: |
| ADR Title: |
| Employer Name: |
| Mailing Address: |
| City: |
| State: |
| ZIP Code: |
| Territory: |
| Country: |
| Foreign Postal Code: |
| Internal Mail Code: |
| Telephone No.: |
| Fax No.: |
| Email: |

Print Form  Reset Form

**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 |
|---|---|---|
| August 16, 2024 | O1134 | RN100215243 |

| Unit ID No. | Registration No. | PBR No. | Registration Date |
|---|---|---|---|
| EPN: 4-26-RRCAR<br>SHOTCONVYR<br>SHOTSC<br>(Mineral Wool Shot Sales Loading Area) | 50933 | 106.261 (version 9/4/2000) | 5/28/2002 |
| EPN: FUG-TEMP | 170909 | 106.263 (version 11/1/2001) | 12/07/2022 |
| | | | |
| | | | |
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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 |
|---|---|---|
| August 16, 2024 | O1134 | RN100215243 |

| Unit ID No. | PBR No. | Version No./Date |
|---|---|---|
| NA- Mobile Equipment | 106.227, Soldering, Brazing, Welding | 3/14/1997 |
| Oil Feed Tote and Process Tank, Diesel Tank | 106.472, Organic and Inorganic Liquid Loading and Unloading | 9/4/2000 |
| Diesel Tank, Gasoline Tank | 106.473, Organic Liquid Loading and Unloading | 9/4/2000 |
| Oil Tote/Tank, Diesel Tank, Gasoline Tank | 106.478, Storage Tank and Change of Service | 9/4/2000 |
| | | |
| | | |
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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 |
|---|---|---|
| August 16, 2024 | O1134 | RN100215243 |

| PBR No. | Version No./Date |
|---|---|
| 106.265, Hand-Held / Manually Operated Machines | 9/4/2000 |
| | |
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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 |
|---|---|---|
| August 16, 2024 | O1134 | RN100215243 |

| Unit ID No. | PBR No. | Version No./Date Or Registration No. | Monitoring Requirement |
|---|---|---|---|
| EPN: 4-26-RRCAR SHOTCONVYR SHOTSC<br><br>(Mineral Wool Shot Sales Loading Area) | 106.261 (version 9/4/2000) | Reg. No: 50933 | Record amount of screened shot sold as a product on an annual basis. |
| EPN: FUG-TEMP | 106.263 (version 11/1/2001) | Reg. No: 170909 | Track material usage time and quantity daily: paint products and blast materials |
| NA- Mobile Equipment | 106.227 | Version 9/4/2000 | Track lead in welding materials or ensure products with no lead are used. |
| Annealing Oil Tote (330 gal)<br>Diesel Tank (500 gal) | 106.472 | Version 9/4/2000 | Maintain receipts of purchases to track annual throughput. |
| Diesel Tank (500 gal)<br>Gasoline Tank (500 gal) | 106.473 | Version 9/4/2000 | Maintain receipts of purchases to track annual throughput. |
| Annealing Oil Tote (330 gal)<br>Diesel Tank (500 gal)<br>Gasoline Tank (500 gal) | 106.478 | Version 9/4/2000 | Maintain receipts of purchases to track annual throughput. |

Texas Commission on Environmental Quality
Title V Existing
1134

Site Information (Regulated Entity)

| | |
|---|---|
| What is the name of the permit area to be authorized? | NOLANVILLE PLANT |
| County | BELL |
| Latitude (N) (##.######) | 31.073888 |
| Longitude (W) (-###.######) | 97.575 |
| Primary SIC Code | 3296 |
| Secondary SIC Code | |
| Primary NAICS Code | 327993 |
| Secondary NAICS Code | |

Regulated Entity Site Information

| | |
|---|---|
| What is the Regulated Entity's Number (RN)? | RN100215243 |
| What is the name of the Regulated Entity (RE)? | NOLANVILLE PLANT |
| Does the RE site have a physical address? | Yes |

Physical Address

| | |
|---|---|
| Number and Street | 1 JACK RABBIT RD |
| City | NOLANVILLE |
| State | TX |
| ZIP | 76559 |
| County | BELL |
| Latitude (N) (##.######) | 31.073888 |
| Longitude (W) (-###.######) | -97.575 |
| Facility NAICS Code | |
| What is the primary business of this entity? | ROCK WOOL MANUFACTURING |

Customer (Applicant) Information

| | |
|---|---|
| How is this applicant associated with this site? | Owner Operator |
| What is the applicant's Customer Number (CN)? | CN605129857 |
| Type of Customer | Corporation |

Full legal name of the applicant:

| | |
|---|---|
| Legal Name | American Rockwool Manufacturing, LLC |
| Texas SOS Filing Number | 802382740 |
| Federal Tax ID | |

State Franchise Tax ID 32059491095

State Sales Tax ID

Local Tax ID

DUNS Number

Number of Employees 21-100

Independently Owned and Operated? Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name AMERICAN ROCKWOOL MANUFACTURING LLC

Prefix MR

First TOMAS

Middle

Last MILLER

Suffix

Credentials

Title PLANT FOREMAN

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 3801 LAKE BOONE TRL

Routing (such as Mail Code, Dept., or Attn:) STE 200

City RALEIGH

State NC

ZIP 27607

Phone (###-###-####) 2547355035

Extension

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

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

E-mail tmiller@americanrockwool.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact. MONA JOHNSON(CAMS ESPARC LLC... )

Organization Name CAMS ESPARC LLC

Prefix MS

First MONA

Middle

Last JOHNSON

Suffix PE

Credentials

Title ENVIRONMENTAL AND PERMITTING MANAGER

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 3801 LAKE BOONE TRL

Routing (such as Mail Code, Dept., or Attn:) STE 200

City RALEIGH

State NC

ZIP 27607

Phone (###-###-####) 9197475001

Extension

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

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

E-mail mjohnson@camstex.com

Title V General Information - Existing

1) Permit Type: SOP

2) Permit Latitude Coordinate: 31 Deg 4 Min 26 Sec

3) Permit Longitude Coordinate: 97 Deg 34 Min 30 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. 1134-35796

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

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

[File Properties]

File Name <a href=/ePermitsExternal/faces/file?fileId=212096>OP_1_2024-08-16 OP-1.pdf</a>

Hash A3408E6E5A706569682CA9CAF8B770CDE1046D038B7EB5A859A71D3DA562D7DE

MIME-Type application/pdf

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 <a href=/ePermitsExternal/faces/file?fileId=212099>OP_REQ1_2024-08-16 OP-REQ1 Update.docx</a>

Hash 0759ECF4E2FD88600C319FAB7371CA4A71FBDD10048DAAB5F6719B4D5EF7D001

MIME-Type application/vnd.openxmlformats-officedocument.wordprocessingml.document

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 <a href=/ePermitsExternal/faces/file?fileId=212097>OP_PBRSUP_2024-08-16 Form PBRSUP.docx</a>

Hash 5320060D63859E6E2E47AA2DB43065311D7F9F74ED70228AF702D677CAD8EB03

MIME-Type application/vnd.openxmlformats-officedocument.wordprocessingml.document

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

[File Properties]

File Name <a href=/ePermitsExternal/faces/file?fileId=212098>2024-08-16 UA-15 Cupolas.docx</a>

Hash 29A4BBA32DF3433290CA6795C5D87236B55ECF0CF50DE400415A530E52C69877

MIME-Type application/vnd.openxmlformats-officedocument.wordprocessingml.document

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 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.

I am Tomas Miller, the owner of the STEERS account ER105845.

I have the authority to sign this data on behalf of the applicant named above.

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.

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.

I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.

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.

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.

I am knowingly and intentionally signing Title V Existing 1134.

My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Tomas Miller OWNER OPERATOR

| | |
|---|---|
| Account Number: | ER105845 |
| Signature IP Address: | 129.222.121.103 |
| Signature Date: | 2024-08-16 |

Signature Hash:
526996D90081A24D14FC367077DCB6B6CBA664DB25B362CA8271F9A54AAD0061

Form Hash Code at time of Signature:
BE8909939213FBF4AE3BC07D3BCBB4AC620CF619E36CFABEC038263969AF7402

Submission

Reference Number: The application reference number is 675805

Submitted by: The application was submitted by ER105845/Tomas Miller

Submitted Timestamp: The application was submitted on 2024-08-16 at 11:10:06 CDT

Submitted From: The application was submitted from IP address 129.222.121.103

Confirmation Number: The confirmation number is 557976

Steers Version: The STEERS version is 6.81

Permit Number: The permit number is 1134

Additional Information

Application Creator: This account was created by Tomas Miller

**From:** Mona Johnson <mjohnson@camsesparc.com>
**Sent:** Tuesday, July 16, 2024 9:28 AM
**To:** Richard Goertz
**Subject:** RE: FOP 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plan

Thank you. No questions at this time.

Mona Caesar Johnson
713-540-6821
mjohnson@camsesparc.com

---

**From:** Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Sent:** Tuesday, July 16, 2024 10:21 AM
**To:** Mona Johnson <mjohnson@camsesparc.com>
**Subject:** RE: FOP 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plan

**[EXTERNAL EMAIL]** DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe. If you believe you've received this email in error, or believe this is a phishing attempt contact Bluewire Help Desk

Ms. Johnson,
I have placed the previous version of the major NSR summary table back in the permit. I will proceed with preparing the PNAP. Please let me know if you have any questions.

---

**From:** Mona Johnson <mjohnson@camsesparc.com>
**Sent:** Friday, July 12, 2024 2:23 PM
**To:** Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Subject:** RE: FOP 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plan

Old format, please.

Mona Caesar Johnson
713-540-6821
mjohnson@camsesparc.com

---

**From:** Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Sent:** Friday, July 12, 2024 2:43 PM
**To:** Mona Johnson <mjohnson@camsesparc.com>
**Subject:** RE: FOP 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plan

**[EXTERNAL EMAIL]** DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe. If you believe you've received this email in error, or believe this is a phishing attempt contact Bluewire Help Desk

Would you like the new or old format?

---

**From:** Mona Johnson <mjohnson@camsesparc.com>
**Sent:** Friday, July 12, 2024 1:41 PM
**To:** Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Cc:** Jonathan Martensen <jmartensen@camstex.com>; Tomas Miller <TMiller@americanrockwool.com>; John Beck <JBeck@americanrockwool.com>; James M. Deibel - American Rockwool Manufacturing, LLC (jdeibel@americanrockwool.com) <jdeibel@americanrockwool.com>; Sarah Jacobs <sjacobs@camstex.com>
**Subject:** RE: FOP 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plan

Thank you. Appreciate it.

Mona Caesar Johnson
713-540-6821
mjohnson@camsesparc.com

---

**From:** Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Sent:** Friday, July 12, 2024 2:34 PM
**To:** Mona Johnson <mjohnson@camsesparc.com>
**Cc:** Jonathan Martensen <jmartensen@camstex.com>; Tomas Miller <TMiller@americanrockwool.com>; John Beck <JBeck@americanrockwool.com>; James M. Deibel - American Rockwool Manufacturing, LLC (jdeibel@americanrockwool.com) <jdeibel@americanrockwool.com>; Sarah Jacobs <sjacobs@camstex.com>
**Subject:** RE: FOP 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plan

**[EXTERNAL EMAIL]** DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe. If you believe you've received this email in error, or believe this is a phishing attempt contact Bluewire Help Desk

Ms. Johnson,
I have added the footnote to the MAERT to be consistent with the MAERT document. Unfortunately, the macro that we use to convert the MEART to the format of the Title V document did not pick it up. As for the format of the Major NSR Summary Table, the format in the draft was negotiated with

EPA. The purpose was to reduce the burden on the permit reviewer and the applicant by identifying requirements at the unit level rather than identifying each requirement at the pollutant level for the unit. Since the table has not changed from the last project for the permit, I can put it back the way it was if you wish. Just be aware that the format in the draft is the agreed upon format. Permit reviewers will likely update it again in subsequent projects. .

---

**From:** Mona Johnson <mjohnson@camsesparc.com>
**Sent:** Friday, July 12, 2024 8:18 AM
**To:** Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Cc:** Jonathan Martensen <jmartensen@camstex.com>; Tomas Miller <TMiller@americanrockwool.com>; John Beck <JBeck@americanrockwool.com>; James M. Deibel - American Rockwool Manufacturing, LLC (jdeibel@americanrockwool.com) <jdeibel@americanrockwool.com>; Sarah Jacobs <sjacobs@camstex.com>
**Subject:** RE: FOP 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plan

Good morning,
Thank you for the opportunity to review the draft permit. We understand the insertions related to the applicable PBRs, but do have a couple of other comments:

1. The Major NSR Summary table on pages 30-31 of the Draft Permit has been reformatted so that the references to special condition requirements no longer reflect the pollutant-specific requirements. This makes it difficult to understand the permit requirements applicable for each pollutant and makes it appear that all listed requirements apply to each listed pollutant within a given emission point, which is not necessarily the case. Could you please revert to the old format? As an example, the requirements for EPN 2 are shown below:

**Draft Permit**

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates | | Monitoring and Testing Requirements | Recordkeeping Requirements | |
|---|---|---|---|---|---|---|---|
| | | | lb/hr | TPY (4) | Special Condition/Application Information | Special Condition/Application Information | Con |
| 2 | Electric Arc Furnace or Cupola 1 or Cupola 2 | $PM_{10}$ | 3.24 | 14.30 | 2, 3, 11, 12, 13, 14, 15, 16, 24 | 2, 11, 12, 13, 14, 15, 16, 23, 24 | 2, 12 |
| | | $NO_x$ | 12.85 | 52.06 | | | |
| | | CO | 1477.00 | 4800.40 | | | |
| | | $SO_2$ | 149.81 | 487.80 | | | |
| | | HF | 0.57 | 2.10 | | | |
| | | $H_2S$ | 15.70 | 57.60 | | | |
| | | COS | 19.87 | 75.82 | | | |
| | | TRS | 35.57 | 133.42 | | | |
| | | HCN | <0.01 | 0.03 | | | |

**Existing Permit**

| Permit Number: 9397 and PSDTX625M1 | | | | | Issuar |
|---|---|---|---|---|---|
| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY** | Mon |
| 2 | Electric Arc Furnace or Cupola 1 or Cupola 2 | PM10 | 3.24 | 14.30 | 2, 3, 1 |
| | | NOx | 12.85 | 52.06 | 11, 12 |
| | | CO | 1477.00 | 4800.40 | 6, 11, |
| | | SO2 | 149.81 | 487.00 | 11, 12, |
| | | HF | 0.57 | 2.10 | 11, 12 |
| | | H2S | 15.70 | 57.60 | 6, 11, |
| | | COS | 19.87 | 75.82 | 6, 11, |
| | | TRS | 35.57 | 133.42 | 6, 11, |
| | | HCN | <0.01 | 0.03 | 11, 12 |
| 2 | Electric Arc Furnace or Cupola 1 or Cupola 2 (5) | SO2 | 203.38 | - | 12 |
| | | TRS | 48.29 | - | 12 |

2. There is a footnote missing from the Major NSR Summary Table on page 32 that was included in the previous permit. The footnote references an asterisk that is not present within the table and states, “Emission rates are based on, and the facilities are limited by the following maximum operating schedule: hrs/day 24, Days/week 7, Weeks/yr 52.” We are not sure if the removal of this footnote was intentional. It may not be necessary since operations are authorized for 8760 hours per year. But we want to be sure that there is no limitation on operating hours implied.

We appreciate your assistance with finalizing this permit. Let me know if you want to discuss these items further.

-Mona

Mona Caesar Johnson
713-540-6821
mjohnson@camsesparc.com

---

**From:** Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Sent:** Friday, June 28, 2024 9:45 AM
**To:** Jonathan Martensen <jmartensen@camstex.com>; Mona Johnson <mjohnson@camsesparc.com>
**Subject:** FOP 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plan

**[EXTERNAL EMAIL]** DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe. If you believe you've received this email in error, or believe this is a phishing attempt contact Bluewire Help Desk

Attached is the draft with updated special condition 7 noting the submittal of the PBRSUP table. Let me know if you are good with the draft and I will proceed with public notice. Thanks.

**From:** Mona Johnson <mjohnson@camsesparc.com>
**Sent:** Friday, July 12, 2024 8:18 AM
**To:** Richard Goertz
**Cc:** Jonathan Martensen; Tomas Miller; John Beck; James M. Deibel - American Rockwool Manufacturing, LLC (jdeibel@americanrockwool.com); Sarah Jacobs
**Subject:** RE: FOP 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plan

Good morning,
Thank you for the opportunity to review the draft permit. We understand the insertions related to the applicable PBRs, but do have a couple of other comments:

1. The Major NSR Summary table on pages 30-31 of the Draft Permit has been reformatted so that the references to special condition requirements no longer reflect the pollutant-specific requirements. This makes it difficult to understand the permit requirements applicable for each pollutant and makes it appear that all listed requirements apply to each listed pollutant within a given emission point, which is not necessarily the case. Could you please revert to the old format? As an example, the requirements for EPN 2 are shown below:

**Draft Permit**

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates | | Monitoring and Testing Requirements | Recordkeeping Requirements | |
|---|---|---|---|---|---|---|---|
| | | | lb/hr | TPY (4) | Special Condition/Application Information | Special Condition/Application Information | Con |
| 2 | Electric Arc Furnace or Cupola 1 or Cupola 2 | $PM_{10}$ | 3.24 | 14.30 | 2, 3, 11, 12, 13, 14, 15, 16, 24 | 2, 11, 12, 13, 14, 15, 16, 23, 24 | 2, 12 |
| | | $NO_x$ | 12.85 | 52.06 | | | |
| | | CO | 1477.00 | 4800.40 | | | |
| | | $SO_2$ | 149.81 | 487.80 | | | |
| | | HF | 0.57 | 2.10 | | | |
| | | $H_2S$ | 15.70 | 57.60 | | | |
| | | COS | 19.87 | 75.82 | | | |
| | | TRS | 35.57 | 133.42 | | | |
| | | HCN | < 0.01 | 0.03 | | | |

**Existing Permit**

| Permit Number: 9397 and PSDTX625M1 | | | | | Issuar |
|---|---|---|---|---|---|
| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * | | Mor |
| | | | lb/hr | TPY** | |
| 2 | Electric Arc Furnace or Cupola 1 or Cupola 2 | PM10 | 3.24 | 14.30 | 2, 3, 1 |
| | | NOx | 12.85 | 52.06 | 11, 12 |
| | | CO | 1477.00 | 4800.40 | 6, 11, |
| | | SO2 | 149.81 | 487.00 | 11, 12, |
| | | HF | 0.57 | 2.10 | 11, 12 |
| | | H2S | 15.70 | 57.60 | 6, 11, |
| | | COS | 19.87 | 75.82 | 6, 11, |
| | | TRS | 35.57 | 133.42 | 6, 11, |
| | | HCN | <0.01 | 0.03 | 11, 12 |
| 2 | Electric Arc Furnace or Cupola 1 or Cupola 2 (5) | SO2 | 203.38 | - | 12 |
| | | TRS | 48.29 | - | 12 |

2. There is a footnote missing from the Major NSR Summary Table on page 32 that was included in the previous permit. The footnote references an asterisk that is not present within the table and states, “Emission rates are based on, and the facilities are limited by the following maximum operating schedule: hrs/day 24, Days/week 7, Weeks/yr 52.” We are not sure if the removal of this footnote was intentional. It may not be necessary since operations are authorized for 8760 hours per year. But we want to be sure that there is no limitation on operating hours implied.

We appreciate your assistance with finalizing this permit. Let me know if you want to discuss these items further.

-Mona

Mona Caesar Johnson
713-540-6821
mjohnson@camsesparc.com

**From:** Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Sent:** Friday, June 28, 2024 9:45 AM
**To:** Jonathan Martensen <jmartensen@camstex.com>; Mona Johnson <mjohnson@camsesparc.com>
**Subject:** FOP 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plan

**[EXTERNAL EMAIL]** DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe. If you believe you've received this email in error, or believe this is a phishing attempt contact Bluewire Help Desk

Attached is the draft with updated special condition 7 noting the submittal of the PBRSUP table. Let me know if you are good with the draft and I will proceed with public notice. Thanks.

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

| | |
|---|---|
| Date: | 06/18/2024 |
| Permit No.: | O1134 |
| RN No.: | RN100215243 |

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

| **Form OP-REQ1: Page 88** | |
|---|---|
| **XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)** | |
| ♦ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area** | |
| *A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.* | |
| PBR No.: Reg 50933 (106.261) | Version No./Date: Version: 09/04/2000. Issued 5/28/2002 |
| PBR No.: Reg 170909 (106.263) | Version No./Date: Version: 11/01/2001. Issued 12/07/2022 |
| PBR No.: 106.472 | Version No./Date: Version: 09/04/2000 |
| PBR No.: 106.227 | Version No./Date: Version: 03/14/1997 |
| PBR No.: 106.473 | Version No./Date: Version 09/04/2000 |
| PBR No.: 106.478 | Version No./Date: Version 09/04/2000 |
| PBR No.: 106.265 | Version No./Date: Version: 09/04/2000 |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| ♦ **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 No.: | Issuance Date: |

Reset Form  Print Form

**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 |
|---|---|---|
| June 3, 2024 | 1134 | RN100215243 |

| Unit ID No. | Registration No. | PBR No. | Registration Date |
|---|---|---|---|
| EPN: 4-26-RRCAR<br>(Mineral Wool Shot Sales Loading Area) | 50933 | 106.261 (version 9/4/2000) | 5/28/2002 |
| EPN: FUG-TEMP | 170909 | 106.263 (version 11/1/2001) | 12/07/2022 |
| | | | |
| | | | |
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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 |
|---|---|---|
| June 3, 2024 | 1134 | RN100215243 |

| Unit ID No. | PBR No. | Version No./Date |
|---|---|---|
| NA- Mobile Equipment | 106.227, Soldering, Brazing, Welding | 3/14/1997 |
| Oil Feed Tote and Process Tank, Diesel Tank | 106.472, Organic and Inorganic Liquid Loading and Unloading | 9/4/2000 |
| Diesel Tank, Gasoline Tank | 106.473, Organic Liquid Loading and Unloading | 9/4/2000 |
| Oil Tote/Tank, Diesel Tank, Gasoline Tank | 106.478, Storage Tank and Change of Service | 9/4/2000 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

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

| Date | Permit Number | Regulated Entity Number |
|---|---|---|
| June 3, 2024 | 1134 | RN100215243 |

| PBR No. | Version No./Date |
|---|---|
| 106.265, Hand-Held / Manually Operated Machines | 9/4/2000 |
| | |
| | |
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| | |
| | |
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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 |
|---|---|---|
| June 3, 2024 | 1134 | RN100215243 |

| Unit ID No. | PBR No. | Version No./Date Or Registration No. | Monitoring Requirement |
|---|---|---|---|
| EPN: 4-26-RRCAR (Mineral Wool Shot Sales Loading Area) | 106.261 (version 9/4/2000) | Reg. No: 50933 | Record amount of screened shot sold as a product on an annual basis. |
| EPN: FUG-TEMP | 106.263 (version 11/1/2001) | Reg. No: 170909 | Track material usage time and quantity daily: paint products and blast materials |
| NA- Mobile Equipment | 106.227 | Version 9/4/2000 | Track lead in welding materials or ensure products with no lead are used. |
| Annealing Oil Tote (330 gal) Diesel Tank (500 gal) | 106.472 | Version 9/4/2000 | Maintain receipts of purchases to track annual throughput. |
| Diesel Tank (500 gal) Gasoline Tank (500 gal) | 106.473 | Version 9/4/2000 | Maintain receipts of purchases to track annual throughput. |
| Annealing Oil Tote (330 gal) Diesel Tank (500 gal) Gasoline Tank (500 gal) | 106.478 | Version 9/4/2000 | Maintain receipts of purchases to track annual throughput. |
| | | | |
| | | | |
| | | | |

Texas Commission on Environmental Quality
Title V Existing
1134

Site Information (Regulated Entity)

| | |
|---|---|
| What is the name of the permit area to be authorized? | NOLANVILLE PLANT |
| County | BELL |
| Latitude (N) (##.######) | 31.073888 |
| Longitude (W) (-###.######) | 97.575 |
| Primary SIC Code | 3296 |
| Secondary SIC Code | |
| Primary NAICS Code | 327993 |
| Secondary NAICS Code | |

Regulated Entity Site Information

| | |
|---|---|
| What is the Regulated Entity's Number (RN)? | RN100215243 |
| What is the name of the Regulated Entity (RE)? | NOLANVILLE PLANT |
| Does the RE site have a physical address? | Yes |

Physical Address

| | |
|---|---|
| Number and Street | 1 JACK RABBIT RD |
| City | NOLANVILLE |
| State | TX |
| ZIP | 76559 |
| County | BELL |
| Latitude (N) (##.######) | 31.073888 |
| Longitude (W) (-###.######) | -97.575 |
| Facility NAICS Code | |
| What is the primary business of this entity? | ROCK WOOL MANUFACTURING |

Customer (Applicant) Information

| | |
|---|---|
| How is this applicant associated with this site? | Owner Operator |
| What is the applicant's Customer Number (CN)? | CN605129857 |
| Type of Customer | Corporation |

Full legal name of the applicant:

| | |
|---|---|
| Legal Name | American Rockwool Manufacturing, LLC |
| Texas SOS Filing Number | 802382740 |
| Federal Tax ID | |

State Franchise Tax ID 32059491095

State Sales Tax ID

Local Tax ID

DUNS Number

Number of Employees 21-100

Independently Owned and Operated? Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name AMERICAN ROCKWOOL MANUFACTURING LLC

Prefix MR

First TOMAS

Middle

Last MILLER

Suffix

Credentials

Title PLANT FOREMAN

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 3801 LAKE BOONE TRL

Routing (such as Mail Code, Dept., or Attn:) STE 200

City RALEIGH

State NC

ZIP 27607

Phone (###-###-####) 2547355035

Extension

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

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

E-mail tmiller@americanrockwool.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact. MONA JOHNSON(CAMS ESPARC LLC... )

Organization Name CAMS ESPARC LLC

Prefix MS

First MONA

Middle

Last JOHNSON

Suffix PE

Credentials

Title ENVIRONMENTAL AND PERMITTING MANAGER

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 3801 LAKE BOONE TRL

Routing (such as Mail Code, Dept., or Attn:) STE 200

City RALEIGH

State NC

ZIP 27607

Phone (###-###-####) 9197475001

Extension

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

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

E-mail mjohnson@camstex.com

Title V General Information - Existing

1) Permit Type: SOP

2) Permit Latitude Coordinate: 31 Deg 4 Min 26 Sec

3) Permit Longitude Coordinate: 97 Deg 34 Min 30 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. 1134-35796

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 <a href=/ePermitsExternal/faces/file?fileId=203281>OP_REQ1_Appendix D - Form OP-REQ1 PG 88- UPDATED (06-18).pdf</a>

Hash D0EEC99C38DDA844B5D6078AA92F17B0ECB51551FA89FB2D1C219B3E5E37E69D

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 <a href=/ePermitsExternal/faces/file?fileId=203285>OP_PBRSUP_American Rockwool Permit 1134 Project 35796 Corrected Form PBRSUP.pdf</a>

Hash 57838AA09DDDAF914CFAAD013F6D1767A87B69F62844BC76AF1385BDD411EB94

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 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.

I am Tomas Miller, the owner of the STEERS account ER105845.

I have the authority to sign this data on behalf of the applicant named above.

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.

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.

I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.

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.

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.

I am knowingly and intentionally signing Title V Existing 1134.

My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Tomas Miller OWNER OPERATOR

Account Number: ER105845

Signature IP Address: 129.222.121.103

Signature Date: 2024-06-27

Signature Hash:
F24AF2F2AB5270065C82CE54C0E13896E67053B32CB6786740E5517989538F91

Form Hash Code at time of Signature:
AD98E9562581BBB6C5B42F8D80A44271D46265532AB1E991128F215CF19E8EA0

Submission

Reference Number: The application reference number is 663182

Submitted by: The application was submitted by ER105845/Tomas Miller

Submitted Timestamp: The application was submitted on 2024-06-27 at 14:59:07 CDT

Submitted From: The application was submitted from IP address 129.222.121.103

Confirmation Number: The confirmation number is 548390

Steers Version: The STEERS version is 6.77

Permit Number: The permit number is 1134

Additional Information

Application Creator: This account was created by Tomas Miller

**From:** Richard Goertz
**Sent:** Tuesday, June 18, 2024 11:24 AM
**To:** Jonathan Martensen; Mona Johnson
**Subject:** RE: NOD/RFI -- 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plant
**Attachments:** Internal Draft 6-17-2024.docx

Mr. Martensen,
I have reviewed the PBRSUP form provided. There are a couple of issues. We will need to provide updates to correct these representations. In anticipation of the updates, I have added the PBRs to the NSR Reference Table in the draft permit (attached).

1. Table C identifies PBR 106.265 with a version date of 09/04/2002. This is not a valid version date (Assume it should be 09/04/2000)
2. The PBRSUP form identifies PBRS 106.473, 106.478, and 106.265. As page 88 of the OP-REQ1 form identifies all PBRs for the area, these PBRs should also be identified on this page of the OP-REQ1.

---

**From:** Jonathan Martensen <jmartensen@camstex.com>
**Sent:** Tuesday, June 18, 2024 9:01 AM
**To:** Richard Goertz <Richard.Goertz@tceq.texas.gov>; Mona Johnson <mjohnson@camsesparc.com>
**Subject:** RE: NOD/RFI -- 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plant

Mr. Goertz,

I am circling back with Tomas Miller (RO) to ensure the form was correctly uploaded in STEERS and any confirmation or submission steps are completed to properly submit the form that was uploaded. In the meantime, please see attached for a PDF copy of the Word document that we are submitting through STEERS.

Thanks,

**Jonathan Martensen**
Senior Environmental Associate I
Office: 713-457-5232 | Cell: 936-524-0819

---

**From:** Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Sent:** Monday, June 17, 2024 1:08 PM
**To:** Jonathan Martensen <jmartensen@camstex.com>; Mona Johnson <mjohnson@camsesparc.com>
**Subject:** RE: NOD/RFI -- 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plant

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Mr. Martensen,
I have not received any updates through STEERS. Can you please resend. Thanks.

---

**From:** Jonathan Martensen <jmartensen@camstex.com>
**Sent:** Tuesday, June 4, 2024 2:34 PM
**To:** Mona Johnson <mjohnson@camsesparc.com>; Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Subject:** FW: NOD/RFI -- 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plant

Mr. Goertz,

The RO has completed the upload of American Rockwool Manufacturing's updated OP-PBRSUP form through STEERS.

I just wanted to verify: While the OP-PBRSUP submitted by the RO through STEERS is certified, do we still need to ensure a copy is submitted to EPA Region 6 and our TCEQ regional office with an original signature OP-CRO1, or do we just send a copy of the document that was submitted in STEERS without an OP-CRO1?

Thank you,

**Jonathan Martensen**
Senior Environmental Associate I
Consolidated Asset Management Services
Office: 713-457-5232 | Cell: 936-524-0819
jmartensen@camstex.com
910 Louisiana St, Ste 2400, Houston, Texas 77002

---

**From:** Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Sent:** Tuesday, May 7, 2024 12:42 PM
**To:** Mona Johnson <mjohnson@camsesparc.com>
**Subject:** NOD/RFI -- 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plant

You don't often get email from richard.goertz@tceq.texas.gov. Learn why this is important

**[EXTERNAL EMAIL]** DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe. If you believe you've received this email in error, or believe this is a phishing attempt contact Bluewire Help Desk

Ms. Johnson,

I wanted to let you know that I have been reassigned to the Federal Operating Permit (FOP) Renewal application of Permit No. O1134 for American Rockwool Manufacturing, Nolanville Plant. This application has been assigned Project No. 35796. Please address all correspondence pertaining to this permit application, including any updates, to me at

the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

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

a. NSR permit and PBR monitoring sufficiency –please refer to our periodic monitoring guidance for reference of monitoring that EPA has, so far, considered sufficient.

b. Reference to confidential business information (CBI) in NSR permits and PBR submittals.

c. High level terms in the SOP Applicable Requirement Summary Table. The high level terms are sometimes used in SOPs when unit attribute forms have not yet been updated due to regulatory amendments.

d. Accuracy of PBR information provided on the supplemental table and in the permit – please refer to Forms OP-PBRSUP and OP-REQ1 Instructions.

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

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

Please notify me when these updates have been submitted.

**As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at R6AirPermitsTX@epa.gov 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.**

Additionally, I have conducted an initial review of the above referenced project. Please provide a completed OP-PBRSUP form for the PBRs represented in the application. For your convenience, a copy of the form is attached.

Please submit any revised information at your earliest convenience or no later than: Friday, June 7, 2024.

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

Thank you for your cooperation.

**From:** Jonathan Martensen <jmartensen@camstex.com>
**Sent:** Tuesday, June 18, 2024 9:01 AM
**To:** Richard Goertz; Mona Johnson
**Subject:** RE: NOD/RFI -- 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plant
**Attachments:** 2024-06-03 American Rockwool Permit 1134 Project 35796 Form PBRSUP.pdf

Mr. Goertz,

I am circling back with Tomas Miller (RO) to ensure the form was correctly uploaded in STEERS and any confirmation or submission steps are completed to properly submit the form that was uploaded. In the meantime, please see attached for a PDF copy of the Word document that we are submitting through STEERS.

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Thank you,

**Jonathan Martensen**
Senior Environmental Associate I
Consolidated Asset Management Services
Office: 713-457-5232 | Cell: 936-524-0819
jmartensen@camstex.com
910 Louisiana St, Ste 2400, Houston, Texas 77002

---

**From:** Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Sent:** Tuesday, May 7, 2024 12:42 PM
**To:** Mona Johnson <mjohnson@camsesparc.com>
**Subject:** NOD/RFI -- 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plant

You don't often get email from richard.goertz@tceq.texas.gov. Learn why this is important

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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.

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Additionally, I have conducted an initial review of the above referenced project. Please provide a completed OP-PBRSUP form for the PBRs represented in the application. For your convenience, a copy of the form is attached.

Please submit any revised information at your earliest convenience or no later than: Friday, June 7, 2024.

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

Thank you for your cooperation.

**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 |
|---|---|---|
| June 3, 2024 | 1134 | RN100215243 |

| Unit ID No. | Registration No. | PBR No. | Registration Date |
|---|---|---|---|
| EPN: 4-26-RRCAR<br>(Mineral Wool Shot Sales Loading Area) | 50933 | 106.261 (version 9/4/2000) | 5/28/2002 |
| EPN: FUG-TEMP | 170909 | 106.263 (version 11/1/2001) | 12/07/2022 |
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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 |
|---|---|---|
| June 3, 2024 | 1134 | RN100215243 |

| Unit ID No. | PBR No. | Version No./Date |
|---|---|---|
| NA- Mobile Equipment | 106.227, Soldering, Brazing, Welding | 3/14/1997 |
| Oil Feed Tote and Process Tank, Diesel Tank | 106.472, Organic and Inorganic Liquid Loading and Unloading | 9/4/2000 |
| Diesel Tank, Gasoline Tank | 106.473, Organic Liquid Loading and Unloading | 9/4/2000 |
| Oil Tote/Tank, Diesel Tank, Gasoline Tank | 106.478, Storage Tank and Change of Service | 9/4/2000 |
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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 |
|---|---|---|
| June 3, 2024 | 1134 | RN100215243 |

| PBR No. | Version No./Date |
|---|---|
| 106.265, Hand-Held / Manually Operated Machines | 9/4/2002 |
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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 |
|---|---|---|
| June 3, 2024 | 1134 | RN100215243 |

| Unit ID No. | PBR No. | Version No./Date Or Registration No. | Monitoring Requirement |
|---|---|---|---|
| EPN: 4-26-RRCAR (Mineral Wool Shot Sales Loading Area) | 106.261 (version 9/4/2000) | Reg. No: 50933 | Record amount of screened shot sold as a product on an annual basis. |
| EPN: FUG-TEMP | 106.263 (version 11/1/2001) | Reg. No: 170909 | Track material usage time and quantity daily: paint products and blast materials |
| NA- Mobile Equipment | 106.227 | Version 9/4/2000 | Track lead in welding materials or ensure products with no lead are used. |
| Annealing Oil Tote (330 gal) Diesel Tank (500 gal) | 106.472 | Version 9/4/2000 | Maintain receipts of purchases to track annual throughput. |
| Diesel Tank (500 gal) Gasoline Tank (500 gal) | 106.473 | Version 9/4/2000 | Maintain receipts of purchases to track annual throughput. |
| Annealing Oil Tote (330 gal) Diesel Tank (500 gal) Gasoline Tank (500 gal) | 106.478 | Version 9/4/2000 | Maintain receipts of purchases to track annual throughput. |
| | | | |
| | | | |
| | | | |

Texas Commission on Environmental Quality
Title V Existing
1134

Site Information (Regulated Entity)

| | |
|---|---|
| What is the name of the permit area to be authorized? | NOLANVILLE PLANT |
| County | BELL |
| Latitude (N) (##.######) | 31.073888 |
| Longitude (W) (-###.######) | 97.575 |
| Primary SIC Code | 3296 |
| Secondary SIC Code | |
| Primary NAICS Code | 327993 |
| Secondary NAICS Code | |

Regulated Entity Site Information

| | |
|---|---|
| What is the Regulated Entity's Number (RN)? | RN100215243 |
| What is the name of the Regulated Entity (RE)? | NOLANVILLE PLANT |
| Does the RE site have a physical address? | Yes |

Physical Address

| | |
|---|---|
| Number and Street | 1 JACK RABBIT RD |
| City | NOLANVILLE |
| State | TX |
| ZIP | 76559 |
| County | BELL |
| Latitude (N) (##.######) | 31.073888 |
| Longitude (W) (-###.######) | -97.575 |
| Facility NAICS Code | |
| What is the primary business of this entity? | ROCK WOOL MANUFACTURING |

Customer (Applicant) Information

| | |
|---|---|
| How is this applicant associated with this site? | Owner Operator |
| What is the applicant's Customer Number (CN)? | CN605129857 |
| Type of Customer | Corporation |

Full legal name of the applicant:

| | |
|---|---|
| Legal Name | American Rockwool Manufacturing, LLC |
| Texas SOS Filing Number | 802382740 |
| Federal Tax ID | |

State Franchise Tax ID 32059491095

State Sales Tax ID

Local Tax ID

DUNS Number

Number of Employees 21-100

Independently Owned and Operated? Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name AMERICAN ROCKWOOL MANUFACTURING LLC

Prefix MR

First TOMAS

Middle

Last MILLER

Suffix

Credentials

Title PLANT FOREMAN

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 3801 LAKE BOONE TRL

Routing (such as Mail Code, Dept., or Attn:) STE 200

City RALEIGH

State NC

ZIP 27607

Phone (###-###-####) 2547355035

Extension

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

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

E-mail tmiller@americanrockwool.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact. MONA JOHNSON(CAMS ESPARC LLC... )

Organization Name CAMS ESPARC LLC

Prefix MS

First MONA

Middle

Last JOHNSON

Suffix PE

Credentials

Title ENVIRONMENTAL AND PERMITTING MANAGER

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 3801 LAKE BOONE TRL

Routing (such as Mail Code, Dept., or Attn:) STE 200

City RALEIGH

State NC

ZIP 27607

Phone (###-###-####) 9197475001

Extension

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

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

E-mail mjohnson@camstex.com

Title V General Information - Existing

1) Permit Type: SOP

2) Permit Latitude Coordinate: 31 Deg 4 Min 26 Sec

3) Permit Longitude Coordinate: 97 Deg 34 Min 30 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. 1134-35796

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)

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 <a href=/ePermitsExternal/faces/file?fileId=200283>OP_PBRSUP_2024-06-03 American Rockwool Permit 1134 Project 35796 Form PBRSUP.docx</a>

Hash E6EDD1D7308D03A63DA527C6153932C742496149BF79F7EEA2EA438EACCBF401

MIME-Type application/vnd.openxmlformats-officedocument.wordprocessingml.document

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 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.

I am Tomas Miller, the owner of the STEERS account ER105845.

I have the authority to sign this data on behalf of the applicant named above.

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.

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.

I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.

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.

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.

I am knowingly and intentionally signing Title V Existing 1134.

My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Tomas Miller OWNER OPERATOR

Account Number: ER105845

Signature IP Address: 129.222.121.103

Signature Date: 2024-06-18

Signature Hash:
B8969A3D600C212E9468536229C3E3AACFE1B52D132CA14B9F902C4615D47191

Form Hash Code at time of Signature:
7E6E9E6D30F0457D5C38AE620121D11E89CB2F33720F6E9857E0FF3CA2AEE496

Submission

Reference Number: The application reference number is 658503

Submitted by: The application was submitted by ER105845/Tomas Miller

Submitted Timestamp: The application was submitted on 2024-06-18 at 11:04:54 CDT

Submitted From: The application was submitted from IP address 129.222.121.103

Confirmation Number: The confirmation number is 546263

Steers Version: The STEERS version is 6.77

Permit Number: The permit number is 1134

Additional Information

Application Creator: This account was created by Tomas Miller

**From:** Jonathan Martensen <jmartensen@camstex.com>
**Sent:** Friday, June 7, 2024 8:36 AM
**To:** Richard Goertz; Mona Johnson
**Subject:** Re: NOD/RFI -- 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plant

Thank you for the confirmation. We went ahead and sent a PDF copy of just the completed form to each.

---

**From:** Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Sent:** Friday, June 7, 2024 8:32 AM
**To:** Jonathan Martensen <jmartensen@camstex.com>; Mona Johnson <mjohnson@camsesparc.com>
**Subject:** RE: NOD/RFI -- 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plant

**[EXTERNAL EMAIL]** DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe. If you believe you've received this email in error, or believe this is a phishing attempt contact Bluewire Help Desk

I believe you can send just the document.

---

**From:** Jonathan Martensen <jmartensen@camstex.com>
**Sent:** Tuesday, June 4, 2024 2:34 PM
**To:** Mona Johnson <mjohnson@camsesparc.com>; Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Subject:** FW: NOD/RFI -- 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plant

Mr. Goertz,

The RO has completed the upload of American Rockwool Manufacturing's updated OP-PBRSUP form through STEERS.

I just wanted to verify: While the OP-PBRSUP submitted by the RO through STEERS is certified, do we still need to ensure a copy is submitted to EPA Region 6 and our TCEQ regional office with an original signature OP-CRO1, or do we just send a copy of the document that was submitted in STEERS without an OP-CRO1?

Thank you,

**Jonathan Martensen**
Senior Environmental Associate I
Consolidated Asset Management Services
Office: 713-457-5232 | Cell: 936-524-0819
jmartensen@camstex.com
910 Louisiana St, Ste 2400, Houston, Texas 77002

**From:** Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Sent:** Tuesday, May 7, 2024 12:42 PM
**To:** Mona Johnson <mjohnson@camsesparc.com>
**Subject:** NOD/RFI -- 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plant

You don't often get email from richard.goertz@tceq.texas.gov. Learn why this is important

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Ms. Johnson,

I wanted to let you know that I have been reassigned to the Federal Operating Permit (FOP) Renewal application of Permit No. O1134 for American Rockwool Manufacturing, Nolanville Plant. This application has been assigned Project No. 35796. 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.
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Thank you for your cooperation.

**From:** Mona Johnson <mjohnson@camsesparc.com>
**Sent:** Tuesday, May 7, 2024 12:03 PM
**To:** Richard Goertz
**Cc:** Jonathan Martensen; Tomas Miller; James M. Deibel - American Rockwool Manufacturing, LLC (jdeibel@americanrockwool.com)
**Subject:** RE: NOD/RFI -- 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plant

Hi Richard –
I am confirming receipt and will be back in touch. We recently submitted a changed in our Responsible Official from James Deibel to Tomas Miller. Do you have access to the paperwork for that or do we need to forward that to you as well?
-Mona

Mona Caesar Johnson
713-540-6821
mjohnson@camsesparc.com

---

**From:** Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Sent:** Tuesday, May 7, 2024 11:42 AM
**To:** Mona Johnson <mjohnson@camsesparc.com>
**Subject:** NOD/RFI -- 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plant

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Thank you for your cooperation.

**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) 239-1250or 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: American Rockwool Manufacturing, LLC |
| **B.** | Customer Reference Number (CN): **CN** 605129857 |
| **C.** | Submittal Date *(mm/dd/yyyy):* 10/17/2023 |
| **II.** | **Site Information** |
| **A.** | Site Name: Nolanville Plant |
| **B.** | Regulated Entity Reference Number (RN): **RN** 100215243 |
| **C.** | Indicate affected state(s) required to review permit application: *(Check the appropriate box[es].)* |
| ☐ AR ☐ CO ☐ KS ☐ LA ☐ NM ☐ OK ☒ N/A | |
| **D.** | Indicate all pollutants for which the site is a major source based on the site's potential to emit: *(Check the appropriate box[es].)* |
| ☐ VOC ☐ $NO_X$ ☒ $SO_2$ ☐ $PM_{10}$ ☒ CO ☐ Pb ☒ HAPS | |
| Other: TRS | |
| **E.** | Is the site a non-major source subject to the Federal Operating Permit Program? ☐ YES ☒ NO |
| **F.** | Is the site within a local program area jurisdiction? ☐ YES ☒ NO |
| **G.** | Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? ☐ YES ☒ NO |
| **H.** | Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: |
| **III.** | **Permit Type** |
| **A.** | Type of Permit Requested: *(Select only one response )* |
| ☒ Site Operating Permit (SOP) ☐ Temporary Operating Permit (TOP) ☐ General Operating Permit (GOP) | |

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

| | | |
|---|---|---|
| **IV.** | **Initial Application Information** *(Complete for Initial Issuance Applications Only.)* | |
| **A.** | Is this submittal an abbreviated or a full application? | ☐ Abbreviated ☐ Full |
| **B.** | If this is a full application, is the submittal a follow-up to an abbreviated application? | ☐ YES ☐ NO |
| **C.** | If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? | ☐ YES ☐ NO |
| **D.** | Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) | ☐ YES ☐ NO |
| **V.** | **Confidential Information** | |
| **A.** | Is confidential information submitted in conjunction with this application? | ☐ YES ☑ NO |
| **VI.** | **Responsible Official (RO) Identifying Information** | |
| RO Name Prefix: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) | | |
| RO Full Name: James Deibel | | |
| RO Title: Manager | | |
| Employer Name: American Rockwool Manufacturing, LLC | | |
| Mailing Address: 7250 Dallas Parkway, Ste. 400 | | |
| City: Plano | | |
| State: Texas | | |
| ZIP Code: 75024 | | |
| Territory: | | |
| Country: | | |
| Foreign Postal Code: | | |
| Internal Mail Code: | | |
| Telephone No.: (972) 468-9091 | | |
| Fax No.: 972-468-9086 | | |
| Email: jdeibel@americanrockwool.com | | |

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

| **VII. Technical Contact Identifying Information** *(Complete if different from RO.)* | |
|---|---|
| Technical Contact Name Prefix: (☐ Mr. ☒ Mrs. ☐ Ms. ☐ Dr.) | |
| Technical Contact Full Name: | Mona Johnson, P.E. |
| Technical Contact Title: | Principal |
| Employer Name: | CAMS eSPARC, LLC |
| Mailing Address: | 3801 Lake Boone Trail, Ste. 200 |
| City: | Raleigh |
| State: | North Carolina |
| ZIP Code: | 77002 |
| Territory: | |
| Country: | |
| Foreign Postal Code: | |
| Internal Mail Code: | |
| Telephone No.: | (919) 747-5001 |
| Fax No.: | |
| Email: | mjohnson@camstex.com |

| **VIII. Reference Only Requirements** *(For reference only.)* | | |
|---|---|---|
| **A.** | State Senator: | Pete Flores |
| **B.** | State Representative: | Hugh Shine |
| **C.** | Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? | ☒ YES ☐ NO ☐ N/A |
| **D.** | Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? | ☒ YES ☐ NO |
| **E.** | Indicate the alternate language(s) in which public notice is required: | Spanish |

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

| | |
|---|---|
| **IX.** | **Off-Site Permit Request**<br>*(Optional for applicants requesting to hold the FOP and records at an off-site location.)* |
| **A.** | Office/Facility Name: |
| **B.** | Physical Address: |
| City: | |
| State: | |
| ZIP Code: | |
| Territory: | |
| Country: | |
| Foreign Postal Code: | |
| **C.** | Physical Location: |
| | |
| | |
| | |
| **D.** | Contact Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) |
| Contact Full Name: | |
| **E.** | Telephone No.: |
| **X.** | **Application Area Information** |
| **A.** | Area Name: Nolanville Plant |
| **B.** | Physical Address: 440 Jackrabbit Flat Rd |
| City: | Nolanville |
| State: | Texas |
| ZIP Code: | 76559 |
| **C.** | Physical Location: |
| | |
| | |
| | |
| **D**. | Nearest City: |
| **E.** | State: |
| **F.** | ZIP Code: |

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

| | |
|---|---|
| **X.** | **Application Area Information** ***(continued)*** |
| **G.** | Latitude (nearest second): 31.0755555 |
| **H.** | Longitude (nearest second): -97.57141666 |
| **I.** | Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? ☐ YES ☒ NO |
| **J.** | Indicate the estimated number of emission units in the application area: 15 |
| **K.** | Are there any emission units in the application area subject to the Acid Rain Program? ☐ YES ☒ NO |
| **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: Nolanville City Hall |
| **B.** | Physical Address: 100 N. Main |
| City: | Nolanville |
| ZIP Code: | 76559 |
| **C.** | Contact Person (Someone who will answer questions from the public during the public notice period): |
| Contact Name Prefix: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.): | |
| Contact Person Full Name: | James Deibel |
| Contact Mailing Address: | 7250 Dallas Parkway, Ste. 400 |
| City: | Plano |
| State: | Texas |
| ZIP Code: | 75024 |
| Territory: | |
| Country: | |
| Foreign Postal Code: | |
| Internal Mail Code: | |
| Telephone No.: | 972-468-9091 |

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

| **XII. Delinquent Fees and Penalties** |
|---|
| **Notice:** This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol." |
| **Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.** |
| **XIII. Designated Representative (DR) Identifying Information** |
| DR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) |
| DR Full Name: |
| DR Title: |
| Employer Name: |
| Mailing Address: |
| City: |
| State: |
| ZIP Code: |
| Territory: |
| Country: |
| Foreign Postal Code: |
| Internal Mail Code: |
| Telephone No.: |
| Fax No.: |
| Email: |

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

| **Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.** |
|---|
| **XIV. Alternate Designated Representative (ADR) Identifying Information** |
| ADR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) |
| ADR Full Name: |
| ADR Title: |
| Employer Name: |
| Mailing Address: |
| City: |
| State: |
| ZIP Code: |
| Territory: |
| Country: |
| Foreign Postal Code: |
| Internal Mail Code: |
| Telephone No.: |
| Fax No.: |
| Email: |

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

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 10/17/2023 | O-1134 | RN100215243 |

| Emission Point ID No. | SOP/GOP Index No. | Alternate Opacity Limitation | AOL ID No. | Vent Source | Opacity Monitoring System | Construction Date | Effluent Flow Rate |
|---|---|---|---|---|---|---|---|
| SCRUBBER | 111-VENT00020 | NO | | OTHER | NONE | 72+ | 100+ |
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**Texas Commission on Environmental Quality**
**Loading/Unloading Operations Attributes**
**Form OP-UA04 (Page 1)**
**Federal Operating Permit Program**
**Table 1a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**
**Subchapter C: Loading and Unloading of Volatile Organic Compounds**

| Date | Permit No.: | Regulated Entity No. |
|---|---|---|
| 10/17/2023 | O-1134 | RN10021524 |

| Unit ID No. | SOP/GOP Index No. | Chapter 115 Facility Type | Alternate Control Requirement (ACR) | ACR ID No. | Product Transferred | Transfer Type | True Vapor Pressure | Daily Through-put | Control Options |
|---|---|---|---|---|---|---|---|---|---|
| UNLOAD | 115-0001 | OTHER | NONE | | VOC3 | UNLOAD | | | |
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**Storage Tank/Vessel Attributes**
**Form OP-UA3 (Page 1)**
**Federal Operating Permit Program**
**Table 1: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**
**Subpart K: Standards of Performance for Storage Vessels for Petroleum Liquids**
**Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 10/17/2023 | O-1134 | RN100215243 |

| Unit ID No. | SOP/GOP Index No. | Construction/ Modification Date | Storage Capacity | Product Stored | True Vapor Pressure | Storage Vessel Description | Reid Vapor Pressure | Maximum TVP | Estimated TVP | Control Device ID No. |
|---|---|---|---|---|---|---|---|---|---|---|
| GRPOILTANK | 60KB-00397 | VOL | 10K- | | | | | | | |
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**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

| | |
|---|---|
| Date: | 10/17/2023 |
| Permit No.: | O1134 |
| RN No.: | RN100215243 |

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

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|---|---|---|---|
| ***Form OP-REQ1: Page 1*** | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter** | | |
| | **A.** | **Visible Emissions** | |
| ♦ | 1. | The application area includes stationary vents constructed on or before January 31, 1972. | ☐YES ☒NO |
| ♦ | 2. | The application area includes stationary vents constructed after January 31, 1972.<br>*If the responses to Questions I.A.1 and I.A.2 are both "NO," go to Question I.A.6.*<br>*If the response to Question I.A.1 is "NO" and the response to Question I.A.2 is "YES," go to Question I.A.4.* | ☒YES ☐NO |
| ♦ | 3. | The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972. | ☐YES ☐NO |
| ♦ | 4. | All stationary vents are addressed on a unit specific basis. | ☐YES ☒NO |
| ♦ | 5. | Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area. | ☒YES ☐NO |
| ♦ | 6. | The application area includes structures subject to 30 TAC § 111.111(a)(7)(A). | ☒YES ☐NO |
| ♦ | 7. | The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A). | ☒YES ☐NO |
| ♦ | 8. | Emissions from units in the application area include contributions from uncombined water. | ☒YES ☐NO |
| ♦ | 9. | The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c). | ☐YES ☒NO ☐N/A |

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

| | |
|---|---|
| Date: | 10/17/2023 |
| Permit No.: | O1134 |
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*For SOP applications, answer ALL questions unless otherwise directed.*
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|---|---|---|---|---|
| ***Form OP-REQ1: Page 2*** | | | | |
| **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 determines applicability of any of these requirements based on geographical location. | | |
| ♦ | | a. | The application area is located within the City of El Paso. | ☐YES ☒NO |
| ♦ | | b. | The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141. | ☐YES ☒NO |
| ♦ | | c. | The application area is located in the portion of Harris County inside the loop formed by Beltway 8. | ☐YES ☒NO |
| ♦ | | d. | The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988. | ☐YES ☒NO |
| | | *If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO," go to Section I.C.* | | |
| | 2. | Items a - d determine the specific applicability of these requirements. | | |
| ♦ | | a. | The application area is subject to 30 TAC § 111.143. | ☐YES ☐NO |
| ♦ | | b. | The application area is subject to 30 TAC § 111.145. | ☐YES ☐NO |
| ♦ | | c. | The application area is subject to 30 TAC § 111.147. | ☐YES ☐NO |
| ♦ | | d. | The application area is subject to 30 TAC § 111.149. | ☐YES ☐NO |
| | **C.** | **Emissions Limits on Nonagricultural Processes** | | |
| ♦ | 1. | The application area includes a nonagricultural process subject to 30 TAC § 111.151. | | ☒YES ☐NO |
| | 2. | The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements.<br>*If the response to Question I.C.2 is "NO," go to Question I.C.4.* | | ☐YES ☒NO |
| | 3. | All vents from nonagricultural process in the application area are subject to additional monitoring requirements. | | ☐YES ☐NO |

**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
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|---|---|
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| Permit No.: | O1134 |
| RN No.: | RN100215243 |

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

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|---|---|---|---|
| ***Form OP-REQ1: Page 3*** | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)** | | |
| | **C.** | **Emissions Limits on Nonagricultural Processes (continued)** | |
| | 4. | The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c). | ☐YES ☒NO |
| | 5. | The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements.<br>*If the response to Question I.C.5 is "NO," go to Question I.C.7.* | ☐YES ☒NO |
| | 6. | All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements. | ☐YES ☐NO |
| | 7. | The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b). | ☐YES ☒NO |
| | 8. | The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements.<br>*If the response to Question I.C.8 is "NO," go to Section I.D.* | ☐YES ☒NO |
| | 9. | All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements. | ☐YES ☐NO |
| | **D.** | **Emissions Limits on Agricultural Processes** | |
| | 1. | The application area includes agricultural processes subject to 30 TAC § 111.171. | ☐YES ☒NO |
| | **E.** | **Outdoor Burning** | |
| ♦ | 1. | Outdoor burning is conducted in the application area.<br>*If the response to Question I.E.1 is "NO," go to Section II.* | ☐YES ☒NO |
| ♦ | 2. | Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205. | ☐YES ☐NO |
| ♦ | 3. | Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207. | ☐YES ☐NO |
| ♦ | 4. | Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209. | ☐YES ☐NO |

**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
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|---|---|
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| RN No.: | RN100215243 |

*For SOP applications, answer ALL questions unless otherwise directed.*
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| ***Form OP-REQ1: Page 4*** | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)** | | |
| | **E.** | **Outdoor Burning (continued)** | |
| ♦ | 5. | Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211. | ☐YES ☐NO |
| ♦ | 6. | Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213. | ☐YES ☐NO |
| ♦ | 7. | The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215. | ☐YES ☐NO |
| **II.** | **Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds** | | |
| | **A.** | **Temporary Fuel Shortage Plan Requirements** | |
| | 1. | The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18. | ☒YES ☐NO |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10.<br>*See instructions for inclusive counties. If the response to Question III.A.1 is "NO," go to Section IV.* | ☒YES ☐NO |
| | **B.** | **Storage of Volatile Organic Compounds** | |
| ♦ | 1. | The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere. | ☐YES ☒NO |

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

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|---|---|
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| RN No.: | RN100215243 |

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

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| ***Form OP-REQ1: Page 5*** | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **C.** | **Industrial Wastewater** | |
| | 1. | The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140.<br>*If the response to Question III.C.1 is "NO" or "N/A," go to Section III.D.* | ☐YES ☐NO ☒N/A |
| | 2. | The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area.<br>*If the response to Question III.C.2 is "YES" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.* | ☐YES ☐NO |
| | 3. | The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater).<br>*If the response to Question III.C.3 is "YES," go to Section III.D.* | ☐YES ☐NO |
| | 4. | The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons).<br>*If the response to Question III.C.4 is "YES," go to Section III.D.* | ☐YES ☐NO |
| | 5. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1). | ☐YES ☐NO |
| | 6. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2). | ☐YES ☐NO |
| | 7. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4). | ☐YES ☐NO |
| | **D.** | **Loading and Unloading of VOCs** | |
| ♦ | 1. | The application area includes VOC loading operations. | ☐YES ☒NO |
| ♦ | 2. | The application area includes VOC transport vessel unloading operations.<br>*For GOP applications, if the responses to Questions III.D.1 - D.2 are "NO," go to Section III.E.* | ☐YES ☒NO |

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|---|---|
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| ***Form OP-REQ1: Page 6*** | | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | | |
| | **D.** | **Loading and Unloading of VOCs (continued)** | | |
| ♦ | | 3. | Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area. | ☐YES ☒NO |
| | **E.** | **Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities** | | |
| ♦ | | 1. | The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container.<br>*If the response to Question III.E.1 is "NO," go to Section III.F.* | ☐YES ☒NO |
| ♦ | | 2. | Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area. | ☐YES ☐NO |
| ♦ | | 3. | All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent.<br>*If the response to Question III.E.2 and/or E.3 is "YES," go to Section III.F.* | ☐YES ☐NO |
| ♦ | | 4. | The application area is located in a covered attainment county as defined in 30 TAC § 115.10.<br>*If the response to Question III.E.4 is "NO," go to Question III.E.9.* | ☐YES ☐NO |
| ♦ | | 5. | Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility. | ☐YES ☐NO |
| ♦ | | 6. | Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility. | ☐YES ☐NO |
| ♦ | | 7. | At facilities located in covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014.<br>*If the response to Question III.E.7 is "YES," go to Section III.F.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 7*** | | | |
| **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.<br>*If the response to Question III.E.8 is "YES," go to Section III.F.* | ☐YES ☐NO |
| ♦ | 9. | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992. | ☐YES ☐NO |
| ♦ | 10. | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992. | ☐YES ☐NO |
| ♦ | 11. | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992. | ☐YES ☐NO |
| ♦ | 12. | At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005. | ☐YES ☐NO |
| | **F.** | **Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)** | |
| ♦ | 1. | Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area. | ☐YES ☐NO ☐N/A |

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| ***Form OP-REQ1: Page 8*** | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **F.** | **Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)** | |
| ♦ | 2. | Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 3. | Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area. | ☐YES ☐NO ☐N/A |
| | **G.** | **Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities** | |
| ♦ | 1. | The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks.<br>*If the response to Question III.G.1 is "NO" or "N/A," go to Section III.H.* | ☐YES ☐NO ☒N/A |
| ♦ | 2. | The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012. | ☐YES ☐NO |
| ♦ | 3. | The application area includes facilities that began construction prior to November 15, 1992.<br>*If the responses to Questions III.G.2 and Question III.G.3 are both "NO," go to Section III.H.* | ☐YES ☐NO |
| ♦ | 4. | The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline. | ☐YES ☐NO |
| ♦ | 5. | The decommissioning of all Stage II vapor recovery control equipment located in the application area has been completed and the decommissioning notice submitted. | ☐YES ☐NO ☐N/A |

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| RN No.: | RN100215243 |

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| ***Form OP-REQ1: Page 9*** | | | |
| **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.<br>*If the response to Question III.H.1 is "NO" or "N/A," go to Section III.I.* | ☐YES ☐NO ☒N/A |
| ♦ | 2. | The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements. | ☐YES ☐NO |
| ♦ | 3. | The application area includes a motor vehicle fuel dispensing facility. | ☐YES ☐NO |
| ♦ | 4. | The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less. | ☐YES ☐NO |
| | **I.** | **Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries** | |
| | 1. | The application area is located at a petroleum refinery. | ☐YES ☒NO |
| | **J.** | **Surface Coating Processes (Complete this section for GOP applications only.)** | |
| ♦ | 1. | Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(3)(A) or 115.427(7) are performed in the application area. | ☐YES ☐NO ☐N/A |

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

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| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **L.** | **Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)** | |
| ♦ | 3. | Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 4. | Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 5. | Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO |
| ♦ | 6. | Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 7. | Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure ≥ 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area. | ☐YES ☐NO ☐N/A |
| | **M.** | **Petroleum Dry Cleaning Systems** | |
| | 1. | The application area contains one or more petroleum dry cleaning facilities that use petroleum based solvents. | ☐YES ☐NO ☒N/A |

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| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **N.** | **Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC)** | |
| | 1. | The application area includes one or more vent gas streams containing HRVOC. | ☐YES ☐NO ☒N/A |
| | 2. | The application area includes one or more flares that emit or have the potential to emit HRVOC.<br>*If the responses to Questions III.N.1 and III.N.2 are both "NO" or "N/A," go to Section III.O. If the response to Question III.N.1 is "YES," continue with Question III.N.3.* | ☐YES ☐NO ☒N/A |
| | 3. | All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times. | ☐YES ☐NO |
| | 4. | All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times.<br>*If the responses to Questions III.N.3 and III.N.4 are both "NO," go to Section III.O.* | ☐YES ☐NO |
| | 5. | The application area contains pressure relief valves that are not controlled by a flare. | ☐YES ☐NO |
| | 6. | The application area has at least one vent stream which has no potential to emit HRVOC. | ☐YES ☐NO |
| | 7. | The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H). | ☐YES ☐NO |
| | **O.** | **Cooling Tower Heat Exchange Systems (HRVOC)** | |
| | 1. | The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC. | ☐YES ☐NO ☒N/A |

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

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

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| **IV.** | **Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)** | | |
| | **F.** | **Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)** | |
| ♦ | 4. | The application area is located in the Dallas/Fort Worth Eight-Hour area (except for Wise County) and has units that qualify for an exemption under 30 TAC § 117.2103. | ☐YES ☐NO |
| ♦ | 5. | The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110. | ☐YES ☐NO |
| | 6. | The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC § 117.2025 or 30 TAC § 117.2125. *If the response to Question IV.F.6 is "NO," go to Section IV.G.* | ☐YES ☐NO |
| | 7. | An ACSS for carbon monoxide (CO) has been approved? | ☐YES ☐NO |
| | 8. | An ACSS for ammonia ($NH_3$) has been approved? | ☐YES ☐NO |
| | 9. | Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below. | |
| | **G.** | **Utility Electric Generation in East and Central Texas** | |
| | 1. | The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995. *If the response to Question IV.G.1 is "NO," go to Question IV.H.1.* | ☐YES ☐NO |
| | 2. | The application area is complying with the System Cap in 30 TAC § 117.3020. | ☐YES ☐NO |
| | **H.** | **Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters** | |
| | 1. | The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less. *If the response to question IV.H.1 is "NO," go to Section V.* | ☐YES ☒NO |
| | 2. | All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203. | ☐YES ☐NO |

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

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

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|---|---|---|
| 1. | The application area manufactures automobile refinish coatings or coating components and sells or distributes these coatings or coating components in the United States. | ☐YES ☒NO |
| 2. | The application area imports automobile refinish coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States.<br>*If the responses to Questions V.A.1 and V.A.2 are both "NO," go to Section V.B.* | ☐YES ☒NO |
| 3. | All automobile refinish coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6). | ☐YES ☐NO |

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

| | | |
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| 1. | The application area manufactures consumer products for sale or distribution in the United States. | ☐YES ☒NO |
| 2. | The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States. | ☐YES ☒NO |
| 3. | The application area is a distributor of consumer products whose name appears on the label of one or more of the products.<br>*If the responses to Questions V.B.1 - V.B.3 are all "NO," go to Section V.C.* | ☐YES ☒NO |
| 4. | All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7). | ☐YES ☐NO |

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

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

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| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **C.** | **Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)** | |
| ♦ | 5. | One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides. | ☐YES ☐NO |
| | **D.** | **Subpart XX - Standards of Performance for Bulk Gasoline Terminals** | |
| | 1. | The application area includes bulk gasoline terminal loading racks.<br>*If the response to Question VI.D.1 is "NO," go to Section VI.E.* | ☐YES ☐NO ☐N/A |
| | 2. | One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC. | ☐YES ☐NO |
| | **E.** | **Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide ($SO_2$) Emissions** | |
| ♦ | 1. | The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore).<br>*For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.* | ☐YES ☐NO |
| ♦ | 2. | The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011.<br>*For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.H.* | ☐YES ☐NO |
| ♦ | 3. | The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD.<br>*For SOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.H.* | ☐YES ☐NO |

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| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **E.** | **Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide ($SO_2$) Emissions (continued)** | |
| ♦ | 4. | Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD.<br>*For SOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.H.* | ☐YES ☐NO |
| ♦ | 5. | Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below. | |
| | **F.** | **Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants** | |
| | 1. | The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant.<br>*If the response to Question VI.F.1 is "NO," go to Section VI.G.* | ☐YES ☐NO |
| | 2. | Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO. | ☐YES ☐NO |
| | **G.** | **Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems** | |
| | 1. | The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987.<br>*If the response to Question VI.G.1 is "NO," go to Section VI.H.* | ☐YES ☐NO |
| | 2. | The application area includes storm water sewer systems. | ☐YES ☐NO |

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

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| ***Form OP-REQ1: Page 22*** | | | |
| **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.<br>*If the response to Question VI.H.5 is "NO," go to Question VI.H.7.* | ☐YES ☐NO |
| ♦ | 6. | All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste. | ☐YES ☐NO |
| ♦ | 7. | The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006. | ☐YES ☐NO |
| ♦ | 8. | All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste. | ☐YES ☐NO |
| | **I.** | **Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001** | |
| ♦ | 1. | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator.<br>*If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "NO," go to Question VI.I.4.* | ☐YES ☐NO ☐N/A |
| ♦ | 2. | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 23*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **I.** | **Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)** | |
| ♦ | 3. | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one air curtain incinerator.<br>*If the response to Question VI.I.4 is "NO," go to Section VI.J.* | ☐YES ☐NO |
| ♦ | 5. | The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.<br>*If the response to Question VI.I.5 is "NO," go to VI.I.7.* | ☐YES ☐NO |
| ♦ | 6. | All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |
| ♦ | 7. | The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001. | ☐YES ☐NO |
| ♦ | 8. | All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |

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**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**

| | | | |
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| ♦ | 1. | The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator.<br>*If the response to Question VI.J.1 is "N/A," go to Section VI.K. If the response to Question VI.J.1 is "NO," go to Question VI.J.4.* | ☐YES ☐NO ☐N/A |
| ♦ | 2. | The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006. | ☐YES ☐NO |
| ♦ | 3. | The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one air curtain incinerator.<br>*If the response to Question VI.J.4 is "NO," go to Section VI.K.* | ☐YES ☐NO |
| ♦ | 5. | The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.<br>*If the response to Question VI.J.5 is "NO," go to Question VI.J.7.* | ☐YES ☐NO |
| ♦ | 6. | All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |
| ♦ | 7. | The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 25*** | | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)** | | | |
| | **J.** | **Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)** | | |
| ♦ | 8. | All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES | ☐NO |
| ♦ | 9. | The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste. | ☐YES | ☐NO |
| ♦ | 10. | The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES | ☐NO |
| | **K.** | **Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution** | | |
| ♦ | 1. | The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO. | ☐YES | ☐NO |
| **VII.** | **Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants** | | | |
| | **A.** | **Applicability** | | |
| ♦ | 1. | The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts.<br>*If the response to Question VII.A.1 is "NO" or "N/A," go to Section VIII.* | YES | ☒NO<br>☐N/A |
| | **B.** | **Subpart F - National Emission Standard for Vinyl Chloride** | | |
| | 1. | The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride. | YES | ☐NO |
| | **C.** | **Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks Emission Sources) of Benzene (Complete this section for GOP applications only)** | | |
| ♦ | 1. | The application area includes equipment in benzene service. | ☐YES | ☐NO<br>☐N/A |

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| ***Form OP-REQ1: Page 26*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **D. Subpart L - National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants** | | |
| 1. | The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b).<br>*If the response to Question VII.D.1 is "NO," go to Section VII.E.* | ☐YES ☐NO |
| 2. | The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b). | ☐YES ☐NO |
| 3. | The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2. | ☐YES ☐NO |
| **E. Subpart M - National Emission Standard for Asbestos** | | |
| ***Applicability*** | | |
| 1. | The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155.<br>*If the response to Question VII.E.1 is "NO," go to Section VII.F.* | ☐YES ☐NO |
| ***Roadway Construction*** | | |
| 2. | The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material. | ☐YES ☐NO |
| ***Manufacturing Commercial Asbestos*** | | |
| 3. | The application area includes a manufacturing operation using commercial asbestos.<br>*If the response to Question VII.E.3 is "NO," go to Question VII.E.4.* | ☐YES ☐NO |
| a. | Visible emissions are discharged to outside air from the manufacturing operation | ☐YES ☐NO |
| b. | An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 27*** | | | |
| **VII.** | **Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| | **E.** | **Subpart M - National Emission Standard for Asbestos (continued)** | |
| | | ***Manufacturing Commercial Asbestos* (continued)** | |
| | | c. Asbestos-containing waste material is processed into non-friable forms. | YES ☐NO |
| | | d. Asbestos-containing waste material is adequately wetted. | YES ☐NO |
| | | e. Alternative filtering equipment is being used that has received EPA approval. | YES ☐NO |
| | | f. A high efficiency particulate air (HEPA) filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles | YES ☐NO |
| | | g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals. | YES ☐NO |
| | | ***Asbestos Spray Application*** | |
| | | 4. The application area includes operations in which asbestos-containing materials are spray applied.<br>*If the response to Question VII.E.4 is "NO," go to Question VII.E.5.* | ☐YES ☐NO |
| | | a. Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying.<br>*If the response to Question VII.E.4.a is "YES," go to Question VII.E.5.* | ☐YES ☐NO |
| | | b. Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos. | ☐YES ☐NO |
| | | c. An alternative emission control and waste treatment method is being used that has received prior EPA approval. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 28*** | | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | | |
| **E. Subpart M - National Emission Standard for Asbestos (continued)** | | | |
| ***Asbestos Spray Application* (continued)** | | | |
| | d. | Asbestos-containing waste material is processed into non-friable forms. | YES ☐NO |
| | e. | Asbestos-containing waste material is adequately wetted. | YES NO |
| | f. | Alternative filtering equipment is being used that has received EPA approval. | YES ☐NO |
| | g. | A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles. | YES ☐NO |
| | h. | The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals. | YES ☐NO |
| ***Fabricating Commercial Asbestos*** | | | |
| 5. | | The application area includes a fabricating operation using commercial asbestos. *If the response to Question VII.E.5 is "NO," go to Question VII.E.6.* | ☐YES ☐NO |
| | a. | Visible emissions are discharged to outside air from the manufacturing operation. | ☐YES ☐NO |
| | b. | An alternative emission control and waste treatment method is being used that has received prior EPA approval. | ☐YES ☐NO |
| | c. | Asbestos-containing waste material is processed into non-friable forms. | ☐YES ☐NO |
| | d. | Asbestos-containing waste material is adequately wetted. | ☐YES ☐NO |
| | e. | Alternative filtering equipment is being used that has received EPA approval. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 29*** | | | |
| **VII.** | **Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| | **E.** | **Subpart M - National Emission Standard for Asbestos (continued)** | |
| | | ***Fabricating Commercial Asbestos* (continued)** | |
| | | f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles. | YES ☐NO |
| | | g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals. | YES ☐NO |
| | | ***Non-sprayed Asbestos Insulation*** | |
| | | 6. The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying. | YES ☐NO |
| | | ***Asbestos Conversion*** | |
| | | 7. The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material. | ☐YES ☐NO |
| | **F.** | **Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities** | |
| | | 1. The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process. | ☐YES ☐NO |
| | **G.** | **Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations** | |
| | | 1. The application area is located at a benzene production facility and/or bulk terminal.<br>*If the response to Question VII.G.1 is "NO," go to Section VII.H.* | ☐YES ☐NO |
| | | 2. The application area includes benzene transfer operations at marine vessel loading racks. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 30*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **G.** | **Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)** | |
| 3. | The application area includes benzene transfer operations at railcar loading racks. | ☐YES ☐NO |
| 4. | The application area includes benzene transfer operations at tank-truck loading racks. | ☐YES ☐NO |
| **H.** | **Subpart FF - National Emission Standard for Benzene Waste Operations** | |
| | ***Applicability*** | |
| 1. | The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341. | ☐YES ☐NO |
| 2. | The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b).<br>*If the responses to Questions VII.H.1 and VII.H.2 are both "NO," go to Section VIII.* | ☐YES ☐NO |
| 3. | The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates.<br>*If the response to Question VII.H.3 is "YES," go to Section VIII.* | ☐YES ☐NO |
| 4. | The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagram per year (Mg/yr).<br>*If the response to Question VII.H.4 is "YES," go to Section VIII* | ☐YES ☐NO |
| 5. | The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr.<br>*If the response to Question VII.H.5 is "YES," go to Section VIII.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 31*** | | | |
| **VII.** | **Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| | **H.** | **Subpart FF - National Emission Standard for Benzene Waste Operations (continued)** | |
| | | ***Applicability* (continued)** | |
| | 6. | The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation. | ☐YES ☐NO |
| | 7. | The application area has waste streams with flow-weighted annual average water content of 10% or greater. | ☐YES ☐NO |
| | | ***Waste Stream Exemptions*** | |
| | 8. | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw). | ☐YES ☐NO |
| | 9. | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr. | ☐YES ☐NO |
| | 10. | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr. | ☐YES ☐NO |
| | 11. | The application area transfers waste off-site for treatment by another facility. | ☐YES ☐NO |
| | 12. | The application area is complying with 40 CFR § 61.342(d). | ☐YES ☐NO |
| | 13. | The application area is complying with 40 CFR § 61.342(e).<br>*If the response to Question VII.H.13 is "NO," go to Question VII.H.15.* | ☐YES ☐NO |
| | 14. | The application area has facility waste with a flow weighted annual average water content of less than 10%. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 32*** | | |
| **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.<br>*If the response to Question VII.H.15 is "NO," go to Question VII.H.18.* | ☐YES ☐NO |
| 16. | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.<br>*If the response to Question VII.H.16 is "YES," go to Question VII.H.18.* | ☐YES ☐NO |
| 17. | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| ***Individual Drain Systems*** | | |
| 18. | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste.<br>*If the response to Question VII.H.18 is "NO," go to Question VII.H.25.* | ☐YES ☐NO |
| 19. | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.<br>*If the response to Question VII.H.19 is "YES," go to Question VII.H.25.* | ☐YES ☐NO |
| 20. | The application area has individual drain systems complying with 40 CFR § 61.346(a).<br>*If the response to Question VII.H.20 is "NO," go to Question VII.H.22.* | ☐YES ☐NO |
| 21. | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 33*** | | | |
| **VII.** | **Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| | **H.** | **Subpart FF - National Emission Standard for Benzene Waste Operations (continued)** | |
| | | ***Individual Drain Systems* (continued)** | |
| | 22. | The application area has individual drain systems complying with 40 CFR § 61.346(b).<br>*If the response to Question VII.H.22 is "NO," go to Question VII.H.25.* | YES ☐NO |
| | 23. | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. | YES ☐NO |
| | 24. | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. | YES ☐NO |
| | | ***Remediation Activities*** | |
| | 25. | Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF. | YES ☐NO |
| **VIII.** | **Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63.<br>*See instructions for 40 CFR Part 63 subparts made applicable only by reference.* | ☒YES ☐NO |
| | **B.** | **Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry** | |
| | 1. | The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a).<br>*If the response to Question VIII.B.1 is "NO," go to Section VIII.D.* | ☒YES ☐NO |

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

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

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

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| ***Form OP-REQ1: Page 35*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater** | | |
| ***Applicability*** | | |
| 1. | The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F.<br>*If the response to Question VIII.C.1 is "NO," go to Section VIII.D.* | ☐YES ☐NO |
| 2. | The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148. | ☐YES ☐NO |
| 3. | The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148.<br>*If the response to Question VIII.C.3 is "NO," go to Question VIII.C.8.* | ☐YES ☐NO |
| 4. | The application area includes vapor collection systems or closed-vent systems that are constructed of hard-piping. | ☐YES ☐NO |
| 5. | The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere.<br>*If the response to Question VIII.C.5 is "NO," go to Question VIII.C.8.* | ☐YES ☐NO |
| ***Vapor Collection and Closed Vent Systems*** | | |
| 6. | Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area. | ☐YES ☐NO |
| 7. | Bypass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 36*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)** | | |
| ***Reloading or Cleaning of Railcars, Tank Trucks, or Barges*** | | |
| 8. | The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank.<br>*If the response to Question VIII.C.8 is "NO," go to Question VIII.C.11.* | ☐YES ☐NO |
| 9. | The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater. | ☐YES ☐NO |
| 10. | The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system. | ☐YES ☐NO |
| ***Transfer Racks*** | | |
| 11. | The application area includes Group 1 transfer racks that load organic HAPs. | ☐YES ☐NO |
| ***Process Wastewater Streams*** | | |
| 12. | The application area includes process wastewater streams.<br>*If the response to Question VIII.C.12 is "NO," go to Question VIII.C.34.* | ☐YES ☐NO |
| 13. | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF.<br>*If the response to Question VIII.C.13 is "NO," go to Question VIII.C.15.* | ☐YES ☐NO |
| 14. | The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii). | ☐YES ☐NO |
| 15. | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F.<br>*If the response to Question VIII.C.15 is "NO," go to Question VIII.C.17.* | ☐YES ☐NO |

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***Form OP-REQ1: Page 37***

**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)**

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

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| ***Form OP-REQ1: Page 38*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)** | | |
| ***Process Wastewater Streams* (continued)** | | |
| 24. | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.C.24 is "YES," go to Question VIII.C.34.* | ☐YES ☐NO |
| 25. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.C.25 is "NO," go to Question VIII.C.27.* | ☐YES ☐NO |
| 26. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 27. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 28. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.C.27 - VIII.C.28 are both "NO," go to Question VIII.C.30.* | ☐YES ☐NO |
| 29. | The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| 30. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |

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***Form OP-REQ1: Page 39***

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

**C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)**

***Drains***

| | | |
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| 31. | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.C.31 is "NO," go to Question VIII.C.34.* | ☐YES ☐NO |
| 32. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| 33. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| 34. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b).<br>*If the response to Question VIII.C.34 is "NO," go to Question VIII.C.39.* | ☐YES ☐NO |
| 35. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d).<br>*If the response to Question VIII.C.35 is "NO," go to Question VIII.C.39.* | ☐YES ☐NO |
| 36. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 40*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C.** | **Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)** | |
| | ***Drains* (continued)** | |
| 37. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐YES ☐NO |
| 38. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(l)(1) or (l)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute. | ☐YES ☐NO |
| | ***Gas Streams*** | |
| 39. | The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant. | ☐YES ☐NO |
| 40. | The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5). | ☐YES ☐NO |
| **D.** | **Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks** | |
| 1. | The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations. | ☐YES ☒NO |

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| ***Form OP-REQ1: Page 41*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **E.** | **Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities** | |
| 1. | The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials.<br>*If the response to Question VIII.E.1 is "NO," go to Section VIII.F.* | ☐YES ☒NO |
| 2. | Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O.<br>*If the response to Question VIII.E.2 is "NO," go to Section VIII.F.* | ☐YES ☐NO |
| 3. | The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996. | ☐YES ☐NO |
| 4. | The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996. | ☐YES ☐NO |
| **F.** | **Subpart Q - National Emission Standards for Industrial Process Cooling Towers** | |
| 1. | The application area includes industrial process cooling towers.<br>*If the response to Question VIII.F.1 is "NO," go to Section VIII.G.* | ☐YES ☒NO |
| 2. | Chromium-based water treatment chemicals have been used on or after September 8, 1994. | ☐YES ☐NO |
| **G.** | **Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)** | |
| 1. | The application area includes a bulk gasoline terminal. | ☐YES ☒NO |
| 2. | The application area includes a pipeline breakout station.<br>*If the responses to Questions VIII.G.1 and VIII.G.2 are both "NO," go to Section VIII.H.* | ☐YES ☒NO |
| 3. | The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station.<br>*If the response to Question VIII.G.3 is "YES," go to Question VIII.G.10.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 42*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)** | | |
| 4. | The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs.<br>*If the response to Question VIII.G.4 is "YES," go to Question VIII.G.10.* | ☐YES ☐NO |
| 5. | An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station.<br>*If the response to Question VIII.G.5 is "NO," go to Question VIII.G.10.* | ☐YES ☐NO |
| 6. | The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep).<br>*If the response to Question VIII.G.6 is "NO," go to Question VIII.G.10.* | ☐YES ☐NO |
| 7. | Emissions screening factor less than 0.5 (ET or EP < 0.5).<br>*If the response to Question VIII.G.7 is "YES," go to Section VIII.H.* | ☐YES ☐NO |
| 8. | Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0).<br>*If the response to Question VIII.G.8 is "YES," go to Section VIII.H.* | ☐YES ☐NO |
| 9. | Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0).<br>*If the response to Question VIII.G.9 is "YES," go to Question VIII.G.11.* | ☐YES ☐NO |
| 10. | The site at which the application area is located is a major source of HAP.<br>*If the response to Question VIII.G.10 is "NO," go to Section VIII.H.* | ☐YES ☐NO |
| 11. | The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f). | ☐YES ☐NO |

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

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

| | | |
|---|---|---|
| 1. | The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2.<br>*If the response to Question VIII.H.1 is "NO," go to Section VIII.I.* | ☐YES ☒NO |
| 2. | The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3).<br>*If the response to Question VIII.H.2 is "NO," go to Section VIII.I.* | ☐YES ☐NO |
| 3. | The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources.<br>*If the response to Question VIII.H.3 is "NO," go to Section VIII.I.* | ☐YES ☐NO |
| 4. | The application area includes one or more kraft pulping systems that are existing sources. | ☐YES ☐NO |
| 5. | The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill. | ☐YES ☐NO |
| 6. | The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24.<br>*If the response to Question VIII.H.6 is "NO," go to Section VIII.I.* | ☐YES ☐NO |
| 7. | The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i). | ☐YES ☐NO |
| 8. | The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii). | ☐YES ☐NO |

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

**I. Subpart T - National Emission Standards for Halogenated Solvent Cleaning**

| | | |
|---|---|---|
| 1. | The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent. | ☐YES ☒NO |
| 2. | The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride. | ☐YES ☒NO |
| 3. | The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride. | ☐YES ☒NO |

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

| | | |
|---|---|---|
| 1. | The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units.<br>*If the response to Question VIII.J.1 is "NO," go to Section VIII.K.* | ☐YES ☒NO |
| 2. | Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U.<br>*If the response to Question VIII.J.2 is "NO," go to Section VIII.K.* | ☐YES ☐NO |
| 3. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482. | ☐YES ☐NO |
| 4. | The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482. | ☐YES ☐NO |

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

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

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

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| ***Form OP-REQ1: Page 46*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)** | | |
| ***Containers*** | | |
| 11. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| ***Drains*** | | |
| 12. | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.J.12 is "NO," go to Question VIII.J.15.* | ☐YES ☐NO |
| 13. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| 14. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| 15. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit.<br>*If the response to Question VIII.J.15 is "NO," go to Section VIII.K.* | ☐YES ☐NO |
| 16. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12).<br>*If the response to Question VIII.J.16 is "NO," go to Section VIII.K.* | ☐YES ☐NO |

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

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

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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.<br>*If the response to Question VIII.L.1 is "NO" or "N/A," go to Section VIII.M.* | ☐YES ☒NO ☐N/A |
| 2. | The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources. | ☐YES ☐NO |
| **M.** | **Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations** | |
| 1. | The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561. | ☐YES ☒NO |
| **N.** | **Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries** | |
| | ***Applicability*** | |
| 1. | The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7).<br>*If the response to Question VIII.N.1 is "NO," go to Section VIII.O.* | ☐YES ☒NO |
| 2. | All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7).<br>*If the response to Question VIII.N.2 is "YES," go to Section VIII.O.* | ☐YES ☐NO |

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

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| ***Form OP-REQ1: Page 50*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **N.** | **Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)** | |
| | ***Applicability* (continued)** | |
| 9. | The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii).<br>*If the response to Question VIII.N.9 is "NO," go to Section VIII.O.* | ☐YES ☐NO |
| 10. | The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992. | ☐YES ☐NO |
| | ***Containers, Drains, and other Appurtenances*** | |
| 11. | The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii). | ☐YES ☐NO |
| 12. | The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii). | ☐YES ☐NO |
| **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).<br>*If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P* | ☐YES ☒NO ☐N/A |
| 2. | Materials specified in 40 CFR § 63.680(b)(2) are received at the application area. | ☐YES ☐NO |
| 3. | The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265. | ☐YES ☐NO |

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

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

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

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

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

| | | |
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| 11. | The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater.<br>*If the response to Question VIII.O.11 is "NO," go to Question VIII.O.14.* | ☐YES ☐NO |
| 12. | VOHAP concentration is determined by direct measurement. | ☐YES ☐NO |
| 13. | VOHAP concentration is based on knowledge of the off-site material. | ☐YES ☐NO |
| 14. | The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system.<br>*If the response to Question VIII.O.14 is "NO," go to Question VIII.O.17.* | ☐YES ☐NO |
| 15. | An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight. | ☐YES ☐NO |
| 16. | An equipment component in the application area is intended to operate 300 hours or more during a 12-month period. | ☐YES ☐NO |
| 17. | The application area includes containers that manage non-exempt off-site material. | ☐YES ☐NO |
| 18. | The application area includes individual drain systems that manage non-exempt off-site materials. | ☐YES ☐NO |

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| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | | |
| | **P.** | **Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities** | |
| | 1. | The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components.<br>*If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.* | ☐YES ☒NO<br>☐N/A |
| | 2. | The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7). | ☐YES ☐NO |
| | **Q.** | **Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.** | |
| ♦ | 1. | The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer. | ☐YES ☒NO |
| ♦ | 2. | The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user.<br>*For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.R.*<br>*For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.Z.* | ☐YES ☒NO |
| ♦ | 3. | The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761.<br>*For SOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.R.*<br>*For GOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.Z.* | ☐YES ☐NO |
| ♦ | 4. | The application area is located at a site that is a major source of HAP.<br>*If the response to Question VIII.Q.4 is "NO," go to Question VIII.Q.6.* | ☐YES ☐NO |

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

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

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

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| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | | |
| **R.** | **Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)** | | |
| | 1. | The application area includes shipbuilding or ship repair operations.<br>*If the response to Question VIII.R.1 is "NO," go to Section VIII.S.* | ☐YES ☒NO |
| | 2. | Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II. | ☐YES ☐NO |
| **S.** | **Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations** | | |
| | 1. | The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations.<br>*If the response to Question VIII.S.1 is "NO" or "N/A," go to Section VIII.T.* | ☐YES ☒NO ☐N/A |
| | 2. | The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801. | ☐YES ☐NO |
| **T.** | **Subpart KK - National Emission Standards for the Printing and Publishing Industry** | | |
| | 1. | The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses. | ☐YES ☒NO ☐N/A |
| **U.** | **Subpart PP - National Emission Standards for Containers** | | |
| | 1. | The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions.<br>*If the response to Question VIII.U.1 is "NO," go to Section VIII.V.* | ☐YES ☒NO |
| | 2. | The application area includes containers using Container Level 1 controls. | ☐YES ☐NO |
| | 3. | The application area includes containers using Container Level 2 controls. | ☐YES ☐NO |

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

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

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

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| 7. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 8. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 9. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.W.8 and W.9 are both "NO," go to Question VIII.W.11.* | ☐YES ☐NO |
| 10. | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| 11. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| 12. | The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.W.12 is "NO," go to Question VIII.W.15.* | ☐YES ☐NO |
| 13. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| 14. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |

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

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

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

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

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

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

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| 25. | The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR § 61.342(a). | ☐YES ☐NO |
| 26. | The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b).<br>*If the response to Question VIII.W.26 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 27. | The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control.<br>*If the response to Question VIII.W.27 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 28. | The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s).<br>*If the response to Question VIII.W.28 is "NO," go to Question VIII.W.33.* | ☐YES ☐NO |
| 29. | The application area includes containers that receive, manage, or treat a continuous butadiene waste stream. | ☐YES ☐NO |
| 30. | The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream.<br>*If the response to Question VIII.W.30 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 31. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 61*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | | |
| 32. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.<br>*If the response to Question VIII.W.32 is required, go to Question VIII.W.43.* | ☐YES ☐NO |
| 33. | The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream.<br>*If the response to Question VIII.W.33 is "NO," go to Question VIII.W.36.* | ☐YES ☐NO |
| 34. | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.<br>*If the response to Question VIII.W.34 is "YES," go to Question VIII.W.36.* | ☐YES ☐NO |
| 35. | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 36. | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream.<br>*If the response to Question VIII.W.36 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 37. | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.<br>*If the response to Question VIII.W.37 is "YES," go to Question VIII.W.43.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 62*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | | |
| 38. | The application area has individual drain systems complying with 40 CFR § 61.346(a).<br>*If the response to Question VIII.W.38 is "NO," go to Question VIII.W.40.* | ☐YES ☐NO |
| 39. | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 40. | The application area has individual drain systems complying with 40 CFR § 61.346(b).<br>*If the response to Question VIII.W.40 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 41. | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. | ☐YES ☐NO |
| 42. | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. | ☐YES ☐NO |
| 43. | The application area has at least one waste stream that contains benzene.<br>*If the response to Question VIII.W.43 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 44. | The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene.<br>*If the response to Question VIII.W.44 is "NO," go to Question VIII.W.47.* | ☐YES ☐NO |
| 45. | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.<br>*If the response to Question VIII.W.45 is "YES," go to Question VIII.W.47.* | ☐YES ☐NO |

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***Form OP-REQ1: Page 63***

**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)**

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| 46. | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 47. | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene.<br>*If the response to Question VIII.W.47 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 48. | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.<br>*If the response to Question VIII.W.48 is "YES," go to Question VIII.W.54.* | ☐YES ☐NO |
| 49. | The application area has individual drain systems complying with 40 CFR § 61.346(a).<br>*If the response to Question VIII.W.49 is "NO," go to Question VIII.W.51.* | ☐YES ☐NO |
| 50. | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 51. | The application area has individual drain systems complying with 40 CFR § 61.346(b).<br>*If the response to Question VIII.W.51 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 52. | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 64*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W.** | **Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | |
| 53. | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. | ☐YES ☐NO |
| 54. | The application area contains a cyanide chemicals manufacturing process.<br>*If the response to Question VIII.W.54 is "NO," go to Section VIII.X.* | ☐YES ☒NO |
| 55. | The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile. | ☐YES ☐NO |
| **X.** | **Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins** | |
| 1. | The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ.<br>*If the response to Question VIII.X.1 is "NO," go to Section VIII.Y.* | ☐YES ☒NO |
| 2. | The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units.<br>*If the response to Question VIII.X.2 is "NO," go to Section VIII.Y.* | ☐YES ☐NO |
| 3. | All process wastewater streams generated or managed in the application area are from sources producing polystyrene.<br>*If the response to Question VIII.X.3 is "YES," go to Section VIII.Y.* | ☐YES ☐NO |
| 4. | All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN.<br>*If the response to Question VIII.X.4 is "YES," go to Section VIII.Y.* | ☐YES ☐NO |

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

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

| | | |
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| 5. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312. | ☐YES ☐NO |
| 6. | The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312. | ☐YES ☐NO |
| 7. | The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312. | ☐YES ☐NO |
| 8. | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.X.8 is "YES," go to Question VIII.X.18.* | ☐YES ☐NO |
| 9. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.X.9 is "NO," go to Question VIII.X.11.* | ☐YES ☐NO |
| 10. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 11. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 12. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.X.11 - VIII.X.12 are both "NO," go to Question VIII.X.14.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 66*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)** | | |
| | 13. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| | ***Containers*** | |
| | 14. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| | ***Drains*** | |
| | 15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.X.15 is "NO," go to Question VIII.X.18.* | ☐YES ☐NO |
| | 16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| | 17. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| | 18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an thermoplastic product process unit.<br>*If the response to Question VIII.X.18 is "NO," go to Section VIII.Y.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 67*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)** | | |
| ***Drains* (continued)** | | |
| 19. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). *If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.* | ☐YES ☐NO |
| 20. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate. | ☐YES ☐NO |
| 21. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐YES ☐NO |
| 22. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 68*** | | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | | |
| | **Y.** | **Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.** | |
| | 1. | The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units. | ☐YES ☒NO |
| | **Z.** | **Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.** | |
| ♦ | 1. | The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills. | ☐YES ☒NO |
| | **AA.** | **Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)** | |
| | 1. | The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1). | ☐YES ☒NO |
| | 2. | The application area is located at a plant site that is a major source as defined in FCAA § 112(a). | ☒YES ☐NO |
| | 3. | The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP.<br>*If the response to Question VIII.AA.1, AA.2 or AA.3 is "NO," go to Section VIII.BB.* | ☐YES ☒NO |
| | 4. | The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF.<br>*If the response to Question VIII.AA.4 is "NO," go to Section VIII.BB.* | ☐YES ☐NO |

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

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

| | | |
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| 5. | The application area includes process wastewater streams.<br>*If the response to Question VIII.AA.5 is "NO," go to Question VIII.AA.18.* | ☐YES ☐NO |
| 6. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF. | ☐YES ☐NO |
| 7. | The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF. | ☐YES ☐NO |
| 8. | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.AA.8 is "YES," go to Section VIII.AA.22.* | ☐YES ☐NO |
| 9. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.AA.9 is "NO," go to Question VIII.AA.11.* | ☐YES ☐NO |
| 10. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 11. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 12. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.* | ☐YES ☐NO |

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

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

| | | |
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| 13. | Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h).<br>*If the response to Question VIII.AA.13 is "NO," go to Question VIII.AA.15.* | ☐YES ☐NO |
| 14. | The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected. | ☐YES ☐NO |
| 15. | Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite.<br>*If the response to Question VIII.AA.15 is "NO," go to Question VIII.AA.17.* | ☐YES ☐NO |
| 16. | The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit. | ☐YES ☐NO |
| 17. | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| 18. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| 19. | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.AA.19 is "NO," go to Question VIII.AA.22.* | ☐YES ☐NO |
| 20. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |

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

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

| | | |
|---|---|---|
| 21. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| 22. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b).<br>*If the response to Question VIII.AA.22 is "NO," go to Section VIII.BB.* | ☐YES ☐NO |
| 23. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d).<br>*If the response to Question VIII.AA.23 is "NO," go to Section VIII.BB.* | ☐YES ☐NO |
| 24. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr. | ☐YES ☐NO |
| 25. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute. | ☐YES ☐NO |
| 26. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 72*** | | |
| **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)** | | |
| **BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.** | | |
| 1. | The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions. | ☐YES ☒NO |
| **CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation** | | |
| 1. | The application area includes a facility at which a site remediation is conducted.<br>*If the answer to Question VIII.CC.1 is "NO," go to Section VIII.DD.* | ☐YES ☒NO |
| 2. | The application area is located at a site that is a major source of HAP.<br>*If the answer to Question VIII.CC.2 is "NO," go to Section VIII.DD.* | ☐YES ☐NO |
| 3. | All site remediation's qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6).<br>*If the answer to Question VIII.CC.3 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |
| 4. | Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr.<br>*If the answer to Question VIII.CC.4 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |
| 5. | The site remediation will be completed within 30 consecutive calendar days. | ☐YES ☐NO |
| 6. | No site remediation will exceed 30 consecutive calendar days.<br>*If the answer to Question VIII.CC.6 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |
| 7. | Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. | ☐YES ☐NO |
| 8. | All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.<br>*If the answer to Question VIII.CC.8 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 73*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)** | | |
| 9. | The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG.<br>*If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14.* | ☐YES ☐NO |
| 10. | The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b). | ☐YES ☐NO |
| 11. | The application area includes containers with a capacity greater than 0.46 $m^3$ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii). | ☐YES ☐NO |
| 12. | The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b). | ☐YES ☐NO |
| 13. | The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b). | ☐YES ☐NO |
| 14. | The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962. | ☐YES ☐NO |
| **DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities** | | |
| 1. | The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions.<br>*If the response to Question VIII.DD.1 is "NO," go to Section VIII.EE.* | ☐YES ☒NO |
| 2. | The EAF steelmaking facility is a research and development facility.<br>*If the response to Question VIII.DD.2 is "YES," go to Section VIII.EE.* | ☐YES ☐NO |
| 3. | Metallic scrap is utilized in the EAF. | ☐YES ☐NO |
| 4. | Scrap containing motor vehicle scrap is utilized in the EAF. | ☐YES ☐NO |
| 5. | Scrap not containing motor vehicle scrap is utilized in the EAF. | ☐YES ☐NO |

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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**

| | | |
|---|---|---|
| 1. | The application area is located at a site that is an area source of HAPs.<br>*If the answer to Question EE.1 is "NO," go to Section VIII.FF.* | ☐YES ☒NO |
| 2. | The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R. | ☐YES ☐NO |
| 3. | The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB. | ☐YES ☐NO |
| 4. | The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB.<br>*If the answer to Question VIII.EE.4 is "NO," go to Question VIII.EE.6.* | ☐YES ☐NO |
| 5. | The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a). | ☐YES ☐NO |
| 6. | The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC.<br>*If the answer to Question VIII.EE.6 is "NO," go to Section VIII.FF.* | ☐YES ☐NO |
| 7. | The bulk gasoline terminal has throughput of less than 250,000 gallons per day.<br>*If the answer to Question VIII.EE.7 is "YES," go to Section VIII.FF.* | ☐YES ☐NO |
| 8. | The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks. | ☐YES ☐NO |
| 9. | The bulk gasoline terminal loads gasoline into railcar cargo tanks.<br>*If the answer to Question VIII.EE.9 is "NO," go to Section VIII.FF.* | ☐YES ☐NO |
| 10. | The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system. | ☐YES ☐NO |

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

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

| | | | |
|---|---|---|---|
| | 11. | The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit. | ☐YES ☐NO |

**FF. Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities**

| | | | |
|---|---|---|---|
| ♦ | 1. | The application area is located at a site that is an area source of hazardous air pollutants.<br>*If the answer to Question VIII.FF.1 is "NO," go to Section VIII.GG.* | ☐YES ☒NO |
| ♦ | 2. | The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132.<br>*If the answer to Question VIII.FF.2 is "NO," go to Section VIII.GG.* | ☐YES ☐NO |
| ♦ | 3. | The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment. | ☐YES ☐NO |

**GG. Recently Promulgated 40 CFR Part 63 Subparts**

| | | | |
|---|---|---|---|
| ♦ | 1. | The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form.<br>*If the response to Question VIII.GG.1 is "NO," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.* | ☒YES ☐NO |
| ♦ | 2. | Provide the Subpart designation (i.e. Subpart EEE) in the space provided below. | |

Subpart DDD

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

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| ***Form OP-REQ1: Page 77*** | | | | |
| **X.** | **Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)** | | | |
| | **F.** | **Subpart F - Recycling and Emissions Reduction** | | |
| ♦ | 1. | Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area. | ☒YES ☐NO | |
| ♦ | 2. | Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area. | ☐YES ☒NO ☐N/A | |
| ♦ | 3. | The application area manufactures appliances or refrigerant recycling and recovery equipment. | ☐YES ☒NO ☐N/A | |
| | **G.** | **Subpart G - Significant New Alternatives Policy Program** | | |
| ♦ | 1. | The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound.<br>*If the response to Question X.G.1 is "NO" or "N/A," go to Section X.H.* | ☐YES ☒NO ☐N/A | |
| ♦ | 2. | All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7). | ☐YES ☐NO ☐N/A | |
| | **H.** | **Subpart H -Halon Emissions Reduction** | | |
| ♦ | 1. | Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area. | ☐YES ☒NO ☐N/A | |
| ♦ | 2. | Disposal of halons or manufacturing of halon blends is conducted in the application area. | ☐YES ☒NO ☐N/A | |
| **XI.** | **Miscellaneous** | | | |
| | **A.** | **Requirements Reference Tables (RRT) and Flowcharts** | | |
| | 1. | The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart. | ☒YES ☐NO | |

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**XI. Miscellaneous (continued)**

**B. Forms**

| | | | |
|---|---|---|---|
| ♦ | 1. | The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form.<br>*If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.* | ☒YES ☐NO ☐N/A |
| ♦ | 2. | Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.<br>40 CFR Part 63 Subpart DDD | |

**C. Emission Limitation Certifications**

| | | | |
|---|---|---|---|
| ♦ | 1. | The application area includes units for which federally enforceable emission limitations have been established by certification. | ☐YES ☒NO |

**D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements**

| | | | |
|---|---|---|---|
| | 1. | The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP). | ☐YES ☒NO |
| | 2. | The application area includes units located at the site that are subject to a site-specific requirement of the SIP. | ☐YES ☒NO |
| | 3. | The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator.<br>*If the response to Question XI.D.3 is "YES," please include a copy of the approval document with the application.* | ☐YES ☒NO |
| | 4. | The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director.<br>*If the response to Question XI.D.4 is "YES," please include a copy of the approval document with the application.* | ☐YES ☒NO |

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| ***Form OP-REQ1: Page 79*** | | | |
| **XI.** | **Miscellaneous (continued)** | | |
| | **E.** | **Title IV - Acid Rain Program** | |
| | 1. | The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program. | ☐YES ☒NO |
| | 2. | The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7. | ☐YES ☒NO |
| | 3. | The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8. | ☐YES ☒NO |
| | **F.** | **40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) $NO_X$ Ozone Season Group 2 Trading Program** | |
| | 1. | The application area includes emission units subject to the requirements of the CSAPR $NO_X$ Ozone Season Group 2 Trading Program.<br>*If the response to Question XI.F.1 is "NO," go to Question XI.F.7.* | ☐YES ☒NO |
| | 2. | The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for $NO_X$ and heat input. | ☐YES ☐NO |
| | 3. | The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for $NO_X$, and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input. | ☐YES ☐NO |
| | 4. | The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for $NO_X$, and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input. | ☐YES ☐NO |
| | 5. | The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for $NO_X$ and heat input. | ☐YES ☐NO |
| | 6. | The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for $NO_X$ and heat input. | ☐YES ☐NO |
| | 7. | The application area includes emission units that qualify for the CSAPR $NO_X$ Ozone Season Group 2 retired unit exemption. | ☐YES ☐NO |

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| **XI.** | **Miscellaneous (continued)** | | |
| | **G.** | **40 CFR Part 97, Subpart FFFFF - Texas $SO_2$ Trading Program** | |
| | 1. | The application area includes emission units complying with the requirements of the Texas $SO_2$ Trading Program.<br>*If the response to Question XI.G.1 is "NO," go to Question XI.G.6.* | ☐YES ☒NO |
| | 2. | The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for $SO_2$ and 40 CFR Part 75, Subpart H for heat input. | ☐YES ☐NO |
| | 3. | The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for $SO_2$ and heat input. | ☐YES ☐NO |
| | 4. | The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for $SO_2$ and heat input. | ☐YES ☐NO |
| | 5. | The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for $SO_2$ and heat input. | ☐YES ☐NO |
| | 6. | The application area includes emission units that qualify for the Texas $SO_2$ Trading Program retired unit exemption. | ☐YES ☒NO |
| | **H.** | **Permit Shield (SOP Applicants Only)** | |
| | 1. | A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit. | ☒YES ☐NO |

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

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| **XI.** | **Miscellaneous (continued)** | | |
| | **J.** | **Title 30 TAC Chapter 101, Subchapter H (continued)** | |
| ♦ | 4. | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of $NO_X$. | ☐YES ☒NO |
| ♦ | 5. | The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I. | ☐YES ☒NO |
| ♦ | 6. | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2. | ☐YES ☒NO |
| ♦ | 7. | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program. | ☐YES ☒NO |
| | **K.** | **Periodic Monitoring** | |
| ♦ | 1. | The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application. | ☐YES ☒NO |
| ♦ | 2. | The permit currently contains at least one periodic monitoring requirement. *If the responses to Questions XI.K.1 and XI.K.2 are both "NO," go to Section XI.L.* | ☒YES ☐NO |
| ♦ | 3. | All periodic monitoring requirements are being removed from the permit with this application. | ☐YES ☒NO |

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**XI. Miscellaneous (continued)**

**L. Compliance Assurance Monitoring**

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

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

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

| | |
|---|---|
| Date: | 10/17/2023 |
| Permit No.: | O1134 |
| RN No.: | RN100215243 |

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

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 85*** | | | |
| **XII. New Source Review (NSR) Authorizations (continued)** | | | |
| | **B.** | **Air Quality Standard Permits** | |
| ♦ | 1. | The application area includes at least one Air Quality Standard Permit NSR authorization.<br>*If the response to XII.B.1 is "NO," go to Section XII.C. If the response to XII.B.1 is "YES," be sure to include the standard permit's registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate.* | ☐YES ☒NO |
| ♦ | 2. | The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617. | ☐YES ☐NO |
| ♦ | 3. | The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one "Installation and/or Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization under 30 TAC § 116.620. | ☐YES ☐NO |
| ♦ | 5. | The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization. | ☐YES ☐NO |
| ♦ | 6. | The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621. | ☐YES ☐NO |
| ♦ | 7. | The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U. | ☐YES ☐NO |
| | 8. | The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization. | ☐YES ☐NO |
| ♦ | 9. | The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization. | ☐YES ☐NO |
| ♦ | 10. | The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization. | ☐YES ☐NO |

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

| | |
|---|---|
| Date: | 10/17/2023 |
| Permit No.: | O1134 |
| RN No.: | RN100215243 |

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

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 86*** | | | |
| **XII. New Source Review (NSR) Authorizations (continued)** | | | |
| | **B.** | **Air Quality Standard Permits (continued)** | |
| ♦ | 11. | The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization. | ☐YES ☐NO |
| ♦ | 12. | The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization.<br>*If the response to XII.B.12 is "NO," go to Question XII.B.15.* | ☐YES ☐NO |
| ♦ | 13. | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region. | ☐YES ☐NO |
| ♦ | 14. | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region. | ☐YES ☐NO |
| ♦ | 15. | The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization. | ☐YES ☐NO |
| ♦ | 16. | The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization. | ☐YES ☐NO |
| | **C.** | **Flexible Permits** | |
| | 1. | The application area includes at least one Flexible Permit NSR authorization. | ☐YES ☒NO |
| | **D.** | **Multiple Plant Permits** | |
| | 1. | The application area includes at least one Multi-Plant Permit NSR authorization. | ☐YES ☒NO |

| | |
|---|---|
| Date: | 10/17/2023 |
| Permit No.: | O1134 |
| RN No.: | RN100215243 |

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

***Form OP-REQ1: Page 87***

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

**E. PSD Permits and PSD Major Pollutants**

| | | |
|---|---|---|
| PSD Permit No.: PSDTX625M1 | Issuance Date: 01/31/2019 | Pollutant(s): CO, PM, NOx, SO2, PM10, H2S, TRS |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |

*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**

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

*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: | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |

♦ **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: | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |

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

| | |
|---|---|
| Date: | 10/17/2023 |
| Permit No.: | O1134 |
| RN No.: | RN100215243 |

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

| **Form OP-REQ1: Page 88** | |
|---|---|
| **XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)** | |
| ♦ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area** | |
| *A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.* | |
| PBR No.: Reg 50933 (106.261) | Version No./Date: Version: 09/04/2000. Issued 5/28/2002 |
| PBR No.: Reg 170909 (106.263) | Version No./Date: Version: 11/01/2001. Issued 12/07/2022 |
| PBR No.: 106.472 | Version No./Date: Version: 09/04/2000 |
| PBR No.: 106.227 | Version No./Date: Version: 03/14/1997 |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
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| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| ♦ **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 No.: | Issuance Date: |

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

| | | |
|---|---|---|
| **Date:** 10/17/2023 | **Regulated Entity No.:** RN1005243 | **Permit No.:** O1134 |
| **Company Name:** American Rockwool Manufacturing, LLC | **Area Name:** Nolanville Plant | |

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

**Part 1**

| | | |
|---|---|---|
| **A.** | **Compliance Plan — Future Activity Committal Statement** | |
| The *Responsible Official* commits, utilizing reasonable effort, to the following:<br>As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term. | | |
| **B.** | **Compliance Certification - Statement for Units in Compliance*<br>(Indicate response by entering an "X" in the appropriate column)** | |
| **1.** | With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application? | ☒ YES ☐ NO |
| **2.** | Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)? | ☐ YES ☒ NO |
| **3.** | If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. *(For reference only)* | |
| * | *For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status.*<br>*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.*<br>*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.* | |

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

| | | |
|---|---|---|
| **Date:** 10/17/2023 | **Regulated Entity No.:** RN1005243 | **Permit No.:** O1134 |
| **Company Name:** American Rockwool Manufacturing, LLC | **Area Name:** Nolanville Plant | |

**Part 2**

**A. Compliance Schedule**

If there are non-compliance situations ongoing at time of application, then complete a separate OP-ACPS Part 2 for each separate non-compliance situation. *(See form instruction for details.)* If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.

**1. Specific Non-Compliance Situation**

Unit/Group/Process ID No.(s):

SOP Index No.:

Pollutant:

**Applicable Requirement**

| Citation | Text Description |
|---|---|
| | |
| | |

**2. Compliance Status Assessment Method and Records Location**

| Citation | Text Description | Location of Records/Documentation |
|---|---|---|
| | | |
| | | |

**3. Non-compliance Situation Description**

**4. Corrective Action Plan Description**

**5. List of Activities/Milestones to Implement the Corrective Action Plan**

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

| | | |
|---|---|---|
| **Date:** 10/17/2023 | **Regulated Entity No.:** RN1005243 | **Permit No.:** O1134 |
| **Company Name:** American Rockwool Manufacturing, LLC | **Area Name:** Nolanville Plant | |

**Part 2 (*continued)***

| **6. Previously Submitted Compliance Plan(s)** | |
|---|---|
| **Type of Action** | **Date Submitted** |
| | |

| **7. Progress Report Submission Schedule** |
|---|
| |
| |

Reset Form

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

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

| **I. Identifying Information** | | |
|---|---|---|
| RN: 100215243 | CN: 605129857 | Account No.: BF-0107-S |
| Permit No.: O1134 | Project No.: | |
| Area Name: Nolanville Plant | Company Name: American Rockwool Manufacturing, LLC | |

**II. Certification Type** *(Please mark the appropriate box)*

☒ Responsible Official ☐ Duly Authorized Representative

**III. Submittal Type** *(Please mark the appropriate box) (Only one response can be accepted per form)*

☐ SOP/TOP Initial Permit Application ☐ Update to Permit Application

☐ GOP Initial Permit Application ☒ Permit Revision, Renewal, or Reopening

☐ Other: _____

**IV. Certification of Truth**

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

I, James Deibel certify that I am the RO

*(Certifier Name printed or typed)* *(RO or DAR)*

and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:

*Note: Enter Either a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).*

Time Period: From _____ to _____

*Start Date* *End Date*

Specific Dates: 10/17/2023 _____ _____ _____ _____ _____

*Date 1* *Date 2* *Date 3* *Date 4* *Date 5* *Date 6*

Signature: _____ Signature Date: 10/17/2023

Title: Manager




American Rockwool Manufacturing, LLC
7250 Dallas Parkway, Ste 400
Plano, TX 75024

October 17, 2023

FOP Permitting Program (Application) *via STEERS*
TCEQ Air Permit Initial Review Team (APIRT), MC 161
P.O. Box 13087
Austin, TX, 78711-3087

RE: Federal Operating Permit Renewal
American Rockwool Manufacturing, LLC
440 Jack Rabbit Flat Rd, Nolanville, TX 76559
RN100215243, CN605129857
Title V Permit Number: O-1134

To Whom It May Concern:

American Rockwool Manufacturing, LLC ("ARW") is submitting the attached Title V renewal application for the Nolanville Plant located in Bell County, Texas. The Nolanville Plant ("Facility") operates under Federal Operating Permit ("FOP") No. O-1134. To be considered a timely renewal application, 30 TAC §122.133(2) indicates that the renewal submittal request must occur between 6 and 18 months before the permit's expiration date, i.e. no later than November 23, 2023. This submittal package constitutes a timely application to renew the Facility's operating permit, which expires on May 23, 2024.

There have been no changes at the facility since the current FOP was last renewed in May 2019. Pursuant to the requirements of 30 TAC §122.241, regarding Title V Renewal Applications, we have included the following forms:

- General Administrative Forms (OP-1, OP-2);
- Applicability Identification Form (OP-REQ1);
- Applicable unit attribute forms (OP-UAs);
- Compliance Certification Forms (OP-ACPS, OP-CRO1); and
- Core Data Form (Administrative updates).

Should you require any additional information or have any questions, please do not hesitate to contact me at 972-468-9122 or JDeibel@americanrockwool.com.

Sincerely,

James M. Deibel
Manager
American Rockwool Manufacturing, LLC.

cc: TCEQ Region 9, *via STEERS*

EPA Region 6 Office, *via e-mail - R6AirPermitsTX@epa.gov*

**Attachments**

Application

Appendix A – OP-1 Form

Appendix B – OP-2 Form

Appendix C – OP-CRO1 Form

Appendix D – OP-REQ1 Form

Appendix E– OP-ACPS Form

Appendix F – OP-UA3 Form

Appendix G – OP-UA4 Form

Appendix H – OP-UA15 Form

Appendix I – Area Map and Plot Plan

Appendix J – Process Flow Diagram

Appendix K – Core Data Form

# Nolanville Plant
# Title V Renewal Application

## Bell County
## Nolanville, Texas

## American Rockwool Manufacturing, LLC

440 Jack Rabbit Flat Rd

Nolanville, TX 76559

RN100215243

CN605129857

Title V Permit Number O-1134

Prepared by:

CAMS eSPARC, LLC

910 Louisiana St., Suite 2400
Houston, TX 77002
Texas Registered Engineering Firm F-15310

October 2023

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# Abbreviations

ARW: American Rockwool

CAA: Clean Air Act

CAM: Compliance Assurance Monitoring

CAIR: Clean Air Interstate Rule

CFR: Code of Federal Regulations

CO: Carbon Monoxide

CSAPR: Cross-State Air Pollution Rule

EPA: Environmental Protection Agency

EPN: Emission Point Number

FOP: Federal Operating Permit

GHG: Greenhouse Gas

HAP: Hazardous Air Pollutant

MAERT: Maximum Allowable Emission Rate Table

NSPS: New Source Performance Standards

NSR: New Source Review

OLD: Organic Liquids Distribution

PBR: Permit by Rule

PM: Particulate Matter

PSD: Prevention of Significant Deterioration

$SO_2$: Sulfur Dioxide

TAC: Texas Administrative Code

TCEQ: Texas Commission on Environmental Quality

TRS: Total Reduced Sulfur

VOC: Volatile Organic Compound

# 1 Introduction

American Rockwool Manufacturing, LLC ("ARW") owns and operates the Nolanville Plant or ("Facility"), in Bell County, Texas. The Nolanville Plant is currently operating under Title V permit O-1134, which expires May 23, 2024.

This FOP application includes all information required by 30 Texas Administrative Code ("TAC") 122 for a timely and complete renewal of the FOP. No changes to the permit or any compliance requirements are proposed in this renewal application. There have also been no changes to the NSR Permit No. 9397/PSDTX625M1 since the last renewal. Therefore, the Major NSR Summary Table is not included.

The Nolanville Plant manufacturers rockwool, an insulation manufactured from recycled blast furnace slag and trap rock. Significant emission sources at the Facility include two Electric Arc Furnace's ("Cupola 1 and 2"), a Scrubber, Raw Material Stockpiles, Cupola Fugitives, and an Oil Storage Tank.

ARW is required by 30 TAC Chapter 122 to submit an application for renewal of the Nolanville Plant FOP O-1134 no later than six months before the permit expiration date. The last renewal of FOP O-1134 was issued on May 23, 2019; therefore, an administratively complete renewal application is due to TCEQ no later than November 23, 2023. This document constitutes an application to TCEQ for a Title V renewal for Permit No. O-1134 and contains all required forms, supporting information, and certification by the responsible official.

This renewal application package includes a Facility description and process overview (Section 2), a regulatory applicability analysis (Section 3), a list of the TCEQ Title V required forms (Section 4) and the Certification by the Responsible Official (Section 5). Appendices A through H include the completed TCEQ Title V forms. Appendix I to this renewal application package includes an area map and the Facility plot plan. Appendix J includes the process flow diagram. An updated Core Data form with the new Corporate Office address is included as Appendix K.

# 2 Process Description

Introduction

The Nolanville Plant manufacturers rockwool, an insulation manufactured from recycled blast furnace slag and trap rock that is heated using coke as a fuel to a molten state where it is spun into a fibrous material. The main application of rockwool is fireproof and soundproof insulation material in homes.

Material Handling

Raw materials (recycled blast furnace slag and coke) arrive at the Facility by railcar. Traprock is brought on-site via truck and unloaded from tandem trailers into the bins in the yard. Frontend loaders may be used to move the traprock from the bins. The railcars are unloaded from the bottom into a below-ground conveyer feed pit. At this point, water spray is applied to the materials, as necessary to reduce the potential for dust formation. A conveyor belt from the railcar unloading pit delivers the materials to the radial stacker. The radial stacker pivots to the appropriate storage pile and transfers the materials to the piles. The Facility has a total of eight storage piles for raw material and coke. Dumping of material on the storage piles is associated with several emission point numbers ("EPN"). A front-end loader loads out from the front of the pile and delivers the materials to a conveyor feed hopper. The front-end loader drops the materials into the feed hopper which directs them on to the screening operation feed conveyor. Water spray is applied as necessary to reduce dust emissions. The screening operation feed conveyer then drops the material on the screen, which also has a water spray. After the wet screening operation, the screen unloads onto the feed bin conveyer. The feed bin conveyor unloads the materials into the top of the appropriate feed bin which in turn unloads from the bottom into the weighing hopper. This operation takes place inside the enclosed feed bin/weighing hopper building. The weighing hopper rolls beneath each of the enclosed feed bins to receive the required amount of each material to be included in the furnace charge. After weighing, the materials are deposited on a short conveyor and then into a skip hoist bucket which is lifted by a cable up to the furnace. The material handling operation described may result in particulate matter ("PM") emissions and water is sprayed to minimize PM emissions.

Mineral Wool Production

The Facility has two mineral wool lines that can be operated individually or simultaneously. Lines are fed to two existing cupola furnaces or an electric furnace. Only one cupola may operate at a time (NSR Permit 9397, PSDTX625M1, Special Condition 5). The raw materials are unloaded from the skip hoist bucket into the cupola in charge rates relative to the smelt rate of the furnace. Propane torches fire the furnaces that contain a coke bed with a 10-foot column of a mixture of coke, slag and traprock above the coke bed. Once the coal bed is ignited, the superheated air and oxygen melts the material. As the coke reaches a smelt temperature of 2,500 degrees Fahrenheit, the mineral charge above it, including additional coke, enters a molten state. When the materials are sufficiently heated, the propane torches are removed. The slag and traprock smelt and the heat from the charge mixture being fired above the coke bed then serve to preheat the next charge. The 10-foot column of coke, slag, and traprock must be maintained. Combustion air is supplied through tuyeres located near the bottom of the furnace. The cupola is totally enclosed within a building. Fugitive emissions occur within the furnace and are captured inside the cupola and removed via the top exhaust piping into a spark arrestor/cyclone powered by the baghouse fan and into the baghouse. All raw materials are cleaned through a shaker in the yard and loaded in bins within the weight house. Exhaust from the cupola furnace is routed via a cyclone separator to a fabric filter baghouse for removal of PM. Combustion exhaust flows through a bag house and is released from the cupola stack. The dust collected by each of the four baghouse compartments, connected in series, is periodically removed by shaking the fabric filters down through the bottom of each compartment and into a sealed rotary screw conveyor that moves the PM to a water-filled "doghouse" for extraction by loader. The cupola is cooled by well water and the hot discharge is drained to two water tanks that are pumped to a cooling pond.

Fiberization

The molten mineral charge exits the bottom of the furnace through a notch onto a trough and streams down to a rotating spinner head with a precision air ring that fiberizes the molten material at the outside wall of the spinner head. This is the moment of wool. At this point, the rockwool is formed. The rockwool then traverses downward through a large cone to a blow chamber that picks the material up ascending through a large pipe to the top of the large cyclone. The atomized annealing oil is applied within the large pipe prior to entering the large cyclone. The fiberization device is a vertically mounted spinning disk located beneath the furnace. The mineral wool fibers are pulled by suction from an 800HP fan into the first cyclone. Before the fiber enters the first cyclone, mineral oil (Tufflo Oil or similar product), is applied to suppress dust and anneal the fiber to prevent breakage. The mineral wool is routed through the large cyclone, where a large portion of the wool product drops out to a conveyor belt below. The large cyclone and a set of four smaller cyclones catch all fugitive rockwool which drops off additional product to the conveyor. Fugitive fibers entering the 800 HP fan are captured and sent through a large duct behind the fan while exhausting the fiber dust to the water spray scrubber. The water spray scrubber utilizes spray jets for particulate removal. One scrubber services both wool production lines and exhausts to a single stack. The mineral wool fibers are conveyed to an enclosed bagging area where they are compressed and packaged into 30-pound bags. A baler is also used to process 750-pound bales for large industrial users. The packaged wool is palletized, wrapped, and transported from the bagging machines by a forklift and either loaded into trucks or stored in the warehouse for future delivery.

The Facility is a Title V major source for sulfur dioxide ($SO_2$), carbon monoxide (CO), hazardous air pollutants (HAPs), and Total Reduced Sulfur (TRS).

A description of the individual emission points or associated emitting or control equipment at the Facility is included below in Table 1. A process flow diagram is included in Appendix J.

**Table 1. American Rockwool Nolanville Plant Facility Equipment**

| EPN | Equipment Description |
|---|---|
| 2 | Electric Arc Furnace, Cupola 1, and Cupola 2 |
| 3 | Scrubber |
| 4 | Material Handling (Includes Stockpiles) |
| 5 | Cupola Building Fugitives |
| 6 | Oil Storage Tank |

# 3 Regulatory Applicability

The Nolanville Plant is located in Bell County, which is designated as unclassifiable/attainment for all criteria pollutants (40 CFR §81.344). Therefore, Non-Attainment New Source Review does not apply to this permit application. The applicability of federal and state regulations to the Facility is discussed in the following sections.

## 3.1 Federal Requirements

The applicability of federal requirements to the Nolanville Plant is discussed in this section.

## 40 CFR Part 60 – New Source Performance Standards (NSPS)

### 40 CFR 60 Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced after June 11, 1973, and Prior to May 19, 1978

This regulation applies to volatile organic liquid storage vessels with a storage capacity greater than 151,412 liters (40,000 gallons) and is constructed, reconstructed, or modified between June 11, 1973, and May 19, 1978. There are no storage vessels storing volatile organic liquids at the Facility with a storage capacity greater than 40,000 gallons; therefore, this subpart does not apply.

### 40 CFR 60 Subpart Ka - Standards of Performance for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced after May 18, 1978, and Prior to July 23, 1984

This regulation applies to volatile organic liquid storage vessels with a storage capacity greater than 151,412 liters (40,000 gallons) and is constructed, reconstructed, or modified between May 18, 1978, and July 23, 1984. There are no storage vessels storing volatile organic liquids at the Facility with a storage capacity greater than 40,000 gallons; therefore, this subpart does not apply.

### 40 CFR 60 Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels for which Construction, Reconstruction, or Modification Commenced After July 23, 1984

This regulation applies to volatile organic liquid storage vessels with a storage capacity greater than 75 cubic meters (19,813 gallons) and constructed, reconstructed, or modified after July 23, 1984. There are no storage vessels storing volatile organic liquids at the Facility with a storage capacity greater than 75 cubic meters (19,813 gallons); therefore, this subpart does not apply.

### 40 CFR 60 Subpart UU – Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture

This regulation establishes standards applicable to each saturator and each mineral handling and storage facility at asphalt roofing plants; and each asphalt storage tank and each blowing still at asphalt processing plants, petroleum refineries, and asphalt roofing plants. The Nolanville Plant is not an asphalt processing plant, petroleum refinery, or asphalt roofing plant; therefore, this subpart is not applicable to the Facility.

### 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants

This regulation establishes standards that are applicable to the following affected facilities in fixed or portable nonmetallic mineral processing plants per 40 CFR §60.670(a)(1):

> "Each crusher, grinding mill, screening operation, bucket elevator, belt conveyor, bagging operation, storage bin, enclosed truck or railcar loading station. Also, crushers and grinding mills at hot mix asphalt facilities that reduce the size of nonmetallic minerals embedded in recycled asphalt pavement and subsequent affected facilities up to, but not including, the first storage silo or bin are subject to the provisions of this subpart."

Per 40 CFR §60.670(a)(2), the provisions of this rule do not apply to plants without crushers or grinding mills above ground. The plant does not have crushers or grinding mills and the equipment at the plant are stand-alone screening operations; therefore, this subpart is not applicable to the Facility.

## 40 CFR Part 61 – National Emission Standards for Hazardous Air Pollutants

### 40 CFR Part 61 Subpart M - National Emission Standard for Asbestos

Due to the age of the facility, it is possible that the construction included asbestos materials. Therefore, the Facility could potentially be subject to Subpart M, Standards for Demolition and Renovation (40 CFR §61.145). The facility will comply with this regulation should it become applicable.

## 40 CFR Part 63 – National Emission Standards for Hazardous Air Pollutants for Source Categories

40 CFR Part 63 Subpart R – National Emission Standards for Gasoline Distribution Facilities

This regulation establishes national emission standards for bulk gasoline terminals. The Nolanville Plant is not a bulk gasoline terminal; therefore, this subpart is not applicable.

40 CFR Part 63 Subpart DDD – National Emission Standards for Hazardous Air Pollutants for Mineral Wool Production

This regulation establishes national emission standards for HAPs emitted from existing, new, and reconstructed cupolas and curing ovens at facilities that produce mineral wool. The facility is a major source of HAP, and the cupolas (CUP1 and CUP2, GRPCUPLOAS) are considered to be existing sources subject to this subpart. The Facility will continue to comply with the emission limitations, monitoring and testing, recordkeeping, and reporting requirements of this subpart.

40 CFR Part 63 Subpart NNN – National Emission Standards for Hazardous Air Pollutants for Wool Fiberglass Production

This regulation establishes national emission standards for HAPs emitted from existing, new, and reconstructed wool fiberglass manufacturing facilities. The Nolanville Plant is not a wool fiberglass facility; therefore, this subpart is not applicable to the Facility.

40 CFR Part 63 Subpart EEEE – National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)

This subpart establishes national emission limitations, operating limits, and work practice standards for organic HAPs emitted from organic liquids distribution (OLD) (non-gasoline) operations at major sources of HAP emissions. The Tufflo Oil stored at the Facility does not meet the following definition of an "organic liquid" per 40 CFR 63.2406:

"Organic liquid means:

(1) Any non-crude oil liquid or liquid mixture that contains 5 percent by weight or greater of the organic HAP listed in Table 1 to this subpart, as determined using the procedures specified in §63.2354(c).
(2) Any crude oils downstream of the first point of custody transfer.
(3) Organic liquids for purposes of this subpart do not include the following liquids:
    (i) Gasoline (including aviation gasoline), kerosene (No. 1 distillate oil), diesel (No. 2 distillate oil), asphalt, and heavier distillate oils and fuel oils;
    (ii) Any fuel consumed or dispensed on the plant site directly to users (such as fuels for fleet refueling or for refueling marine vessels that support the operation of the plant);
    (iii) Hazardous waste;
    (iv) Wastewater;
    (v) Ballast water: or
    (vi) Any non-crude oil liquid with an annual average true vapor pressure less than 0.7 kilopascals (0.1 psia)."

The Tufflo Oil is a non-crude oil liquid with a vapor pressure less than 0.0013 kilopascals; therefore, this subpart is not applicable to the Facility.

## 40 CFR Part 64 – Compliance Assurance Monitoring

Compliance Assurance Monitoring (CAM) is a federal program established under 40 CFR Part 64 regulations. The regulatory requirements governing implementation of CAM in Texas are also established in 30 TAC Chapter 122, Subchapter G. CAM applies to an emission unit located at a major source that meets all of the following criteria:

- The emission unit is subject to an emission limitation or standard for an air pollutant (or surrogate thereof) in an applicable requirement;
- The emission unit uses a control device to achieve compliance with the emission limitation or standard; and
- The emission unit has the pre-control device potential to emit greater than or equal to the amount in tons per year required for a site to be classified as a major source.

CAM applicability is determined on a pollutant-by-pollutant basis. The facility is subject to a case-by-case CAM for Unit ID No. SCRUBBER as follows:

1. 30 TAC Chapter 111 (§111.111(a)(1)(C) and §111.151(a)) – Daily liquid flow rate measurement. The minimum liquid flow rate is 245 gallons/minute.
2. 30 TAC Chapter 111 (§111.111(a)(1)(C)) and §111.151(a)) – Daily visual inspection of spray system. Any not thoroughly distributed spray pattern needs to be corrected within 72 hours of observation.

ARW proposes no changes to the existing CAM requirements.

## 40 CFR Part 68 – Chemical Accident Prevention and Risk Management Programs

The Facility is not subject to 40 CFR Part 98.

## 40 CFR Part 70 – Operating Permit Program

The Facility is considered a major source for $SO_2$, CO, and HAPs for Title V purposes and operates under FOP Permit No. O-1134 as required under 40 CFR Part 70.

### Periodic Monitoring

Periodic Monitoring is required by 40 CFR §70.6(a)(3)(i)(B) and 30 TAC §122.602 for emission units for which the applicable regulations lack sufficient monitoring requirements to demonstrate compliance with an emission limitation or standard.

The Group No. GRPCUPOLAS is subject to periodic monitoring per 30 TAC Chapter 111 (§111.111(a)(1)(A)) – Quarterly visible emissions observation. If opacity is greater than 30%, the permit holder shall report a deviation. ARW proposes no changes to the existing Periodic Monitoring requirements.

## 40 CFR Parts 72 – 77 - Acid Rain Regulations

The Facility is not subject to the acid rain program.

## 40 CFR Part 82 – Stratospheric Ozone Protection Regulations

Subpart F, Recycling and Emissions Reductions, of 40 CFR Part 82, Protection of Stratospheric Ozone, generally requires that all repairs, service, and disposal of appliances containing Class I or Class II ozone-depleting substances are conducted by properly certified persons. The Facility will comply with this regulation should it become applicable.

### 40 CFR Parts 96 – 97 Clean Air Interstate Rule Permit Requirements

The Facility is not subject to the Clean Air Interstate Rule (CAIR) per 40 CFR §98.5(a) or the Cross-State Air Pollution Rule (CSAPR) Program per 40 CFR §97.4.

### 40 CFR Part 98 – Mandatory Greenhouse Gas Reporting

The Facility does not emit 25,000 metric tons CO2e or more in combined emissions from all stationary fuel combustion sources; therefore, the Facility is not subject to greenhouse gas reporting per 40 CFR §98.2(a).

## 3.2 State Requirements

The applicability of TCEQ Title 30 TAC Chapters 101 through 122 to the Facility and the Title V FOP permit application is discussed in this section.

### Chapter 101 – General Rules

ARW is in compliance with all applicable requirements of this Chapter, including the filing of annual Emission Inventories and payment of annual Emission Fees.

### Chapter 106 – Permits By Rule

ARW operates equipment that is authorized by specific permits by rule (PBRs). The PBRs (Permit Numbers 170909 and 50933) are listed in Table 2. The facility will meet the requirements of each PBR.

**Table 2 – Facility Permits by Rule**

| | |
|---|---|
| PBR Registration No. 50933<br>§106.261 – Facilities (Emission Limitations) | Issued: 5/28/2002<br>Version Date: 09/04/2000 |
| PBR Registration Number 170909<br>§106.263 – Temporary Maintenance Facilities | Issued: 12/07/2022<br>Version Date: 12/07/2022 |
| Unregistered PBR<br>§106.227 – Soldering, Brazing, Welding | Version Date: 03/14/1997 |
| Unregistered PBR<br>§106.472 – Organic and Inorganic Liquid Loading and Unloading | Version Date: 09/04/2000 |

### Chapter 111 – Visible Emissions and Particulate Matter

The operation of the cupolas and scrubber comply with the opacity limits specified in §111.111. The emissions for the units also comply with the allowable particulate matter emission rate specified in §111.151. ARW will continue to comply with all opacity observations requirements.

### Chapter 112 – Sulfur Compounds

ARW complies and will continue to comply with the $SO_2$ net ground level concentrations specified by §112.3.

### Chapter 113 – Toxic Materials

The Facility is a major source of HAPs and will continue to comply with applicable requirements as incorporated by reference in Chapter 113. The facility is subject to and in compliance with 40 CFR 63, Subpart DDD for National Emission Standards for Hazardous Air Pollutants for Mineral Wool Production.

## Chapter 114 – Motor Vehicles

The Facility does not maintain a motor vehicle fleet; therefore, Chapter 114 does not apply to the Facility.

## Chapter 115 – Volatile Organic Chemicals

The Facility is located in Bell County and transfers only non-gasoline VOC; therefore, Chapter 115 does not apply to the Facility.

## Chapter 116 – Control of Air Pollution by Permits for New Construction / Modifications

The Facility is authorized under Permit No. 9397/PSDTX625M1 and PBRs 50933, and 170909. The Facility meets the requirements of Chapter 116 accordingly.

## Chapter 117 – Nitrogen Compounds

The Facility is not located in the Houston/Galveston/Brazoria or Dallas/Ft. Worth ozone nonattainment area. Therefore, the requirements of 30 TAC Chapter 117, Subchapter B "Combustion at Major Sources" do not apply.

## Chapter 118 – Air Pollution Episodes

There are no requirements applicable to the emission units addressed in this application.

## Chapter 122 – Federal Operating Permits

On May 23, 2019, TCEQ issued ARW, a renewal of FOP No. O-1134. With this application, ARW is requesting the renewal of FOP No. O1134.

# 4 TCEQ TITLE V FORMS

Pursuant to the requirements of 30 TAC §122.241(b), regarding Title V Renewal Applications, this application package includes the following forms:

- General Administrative Forms (OP-1, OP-2) are included in Appendices A and B of this application and provide identifying and administrative information to complete the renewal of FOP O-1134.
- Unit Attribute Forms (OP-UA3, OP-UA4, and OP-UA15) are included in Appendices G through I and provide details on the specifications of each unit at the Nolanville Plant. All applicable unit attribute forms are included in this application package as forms and equipment specific codes have been updated by the TCEQ since the permit was last renewed. There has been no physical change or change in the method of operation of any emission source.
- Applicability Identification Form (OP-REQ1) is included in Appendix D to this application and documents the detailed regulatory citations applicable to each unit at the Facility.
- Compliance Certification Forms (OP-CRO1 and OP-ACPS) are included in Appendix C and E to this application and documents the Compliance Plan and Certification by the Responsible Official.
- Core Data Form (TCEQ-10400) is included in Appendix K to this application and documents administrative changes at AMR since the last FOP renewal.

# 5 Certification by the Responsible Official

An OP-CRO1 Form is included with this application (refer to Appendix C) which certifies the submission of this renewal application.

# Appendix A –OP-1 Form

# Appendix B - OP-2 Form

# Appendix C - OP-CRO1 Form

# Appendix D - OP-REQ1 Form

# Appendix E - OP-ACPS Form

# Appendix F - OP-UA3 Form

# Appendix G - OP-UA4 Form

# Appendix H - OP-UA15 Form

# Appendix I – Area Map and Plot Plan

## Appendix J – Process Flow Diagram

# Appendix K – Core Data Form

**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) 239-1250or 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: American Rockwool Manufacturing, LLC |
| **B.** | Customer Reference Number (CN): **CN** 605129857 |
| **C.** | Submittal Date *(mm/dd/yyyy):* 08/22/2024 |
| **II.** | **Site Information** |
| **A.** | Site Name: Nolanville Plant |
| **B.** | Regulated Entity Reference Number (RN): **RN** 100215243 |
| **C.** | Indicate affected state(s) required to review permit application: *(Check the appropriate box[es].)* |
| ☐ AR ☐ CO ☐ KS ☐ LA ☐ NM ☐ OK ☒ N/A | |
| **D.** | Indicate all pollutants for which the site is a major source based on the site's potential to emit: *(Check the appropriate box[es].)* |
| ☐ VOC ☐ $NO_X$ ☒ $SO_2$ ☐ $PM_{10}$ ☒ CO ☐ Pb ☒ HAPS | |
| Other: TRS | |
| **E.** | Is the site a non-major source subject to the Federal Operating Permit Program? ☐ YES ☒ NO |
| **F.** | Is the site within a local program area jurisdiction? ☐ YES ☒ NO |
| **G.** | Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? ☐ YES ☒ NO |
| **H.** | Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: |
| **III.** | **Permit Type** |
| **A.** | Type of Permit Requested: *(Select only one response.)* |
| ☒ Site Operating Permit (SOP) ☐ Temporary Operating Permit (TOP) ☐ General Operating Permit (GOP) | |

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

| | | |
|---|---|---|
| **IV.** | **Initial Application Information** *(Complete for Initial Issuance Applications Only.)* | |
| **A.** | Is this submittal an abbreviated or a full application? | ☐ Abbreviated ☐ Full |
| **B.** | If this is a full application, is the submittal a follow-up to an abbreviated application? | ☐ YES ☐ NO |
| **C.** | If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? | ☐ YES ☐ NO |
| **D.** | Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) | ☐ YES ☐ NO |
| **V.** | **Confidential Information** | |
| **A.** | Is confidential information submitted in conjunction with this application? | ☐ YES ☑ NO |
| **VI.** | **Responsible Official (RO) Identifying Information** | |
| RO Name Prefix: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) | | |
| RO Full Name: Tomas Miller | | |
| RO Title: Plant Manager | | |
| Employer Name: American Rockwool Manufacturing, LLC | | |
| Mailing Address: 440 Jackrabbit Rd | | |
| City: Belton | | |
| State: Texas | | |
| ZIP Code: 76513 | | |
| Territory: | | |
| Country: | | |
| Foreign Postal Code: | | |
| Internal Mail Code: | | |
| Telephone No.: (254) 735-5035 | | |
| Fax No.: 972-468-9086 | | |
| Email: tmiller@americanrockwool.com | | |

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

| **VII. Technical Contact Identifying Information** *(Complete if different from RO.)* | |
|---|---|
| Technical Contact Name Prefix: (☐ Mr. ☒ Mrs. ☐ Ms. ☐ Dr.) | |
| Technical Contact Full Name: Mona Johnson, P.E. | |
| Technical Contact Title: Principal | |
| Employer Name: CAMS eSPARC, LLC | |
| Mailing Address: 3801 Lake Boone Trail, Ste. 200 | |
| City: Raleigh | |
| State: North Carolina | |
| ZIP Code: 77002 | |
| Territory: | |
| Country: | |
| Foreign Postal Code: | |
| Internal Mail Code: | |
| Telephone No.: (919) 747-5001 | |
| Fax No.: | |
| Email: mjohnson@camstex.com | |
| **VIII. Reference Only Requirements** *(For reference only.)* | |
| **A.** State Senator: Pete Flores | |
| **B.** State Representative: Hugh Shine | |
| **C.** Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? | ☒ YES ☐ NO ☐ N/A |
| **D.** Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? | ☒ YES ☐ NO |
| **E.** Indicate the alternate language(s) in which public notice is required: Spanish | |

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

| | |
|---|---|
| **IX.** | **Off-Site Permit Request**<br>*(Optional for applicants requesting to hold the FOP and records at an off-site location.)* |
| **A.** | Office/Facility Name: |
| **B.** | Physical Address: |
| City: | |
| State: | |
| ZIP Code: | |
| Territory: | |
| Country: | |
| Foreign Postal Code: | |
| **C.** | Physical Location: |
| | |
| | |
| | |
| **D.** | Contact Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) |
| Contact Full Name: | |
| **E.** | Telephone No.: |
| **X.** | **Application Area Information** |
| **A.** | Area Name: Nolanville Plant |
| **B.** | Physical Address: 440 Jackrabbit Flat Rd |
| City: | Nolanville |
| State: | Texas |
| ZIP Code: | 76559 |
| **C.** | Physical Location: |
| | |
| | |
| | |
| **D.** | Nearest City: |
| **E.** | State: |
| **F.** | ZIP Code: |

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

| | |
|---|---|
| **X.** | **Application Area Information *(continued)*** |
| **G.** | Latitude (nearest second): 31.0755555 |
| **H.** | Longitude (nearest second): -97.57141666 |
| **I.** | Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? ☐ YES ☒ NO |
| **J.** | Indicate the estimated number of emission units in the application area: 15 |
| **K.** | Are there any emission units in the application area subject to the Acid Rain Program? ☐ YES ☒ NO |
| **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: Nolanville City Hall |
| **B.** | Physical Address: 101 N 5th Street |
| City: | Nolanville |
| ZIP Code: | 76559 |
| **C.** | Contact Person (Someone who will answer questions from the public during the public notice period): |
| Contact Name Prefix: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.): | |
| Contact Person Full Name: | Tomas Miller |
| Contact Mailing Address: | 440 Jackrabbit Rd. |
| City: | Belton |
| State: | Texas |
| ZIP Code: | 76513 |
| Territory: | |
| Country: | USA |
| Foreign Postal Code: | |
| Internal Mail Code: | |
| Telephone No.: | 254-735-5035 |

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

| **XII. Delinquent Fees and Penalties** |
|---|
| **Notice:** This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol." |
| **Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.** |
| **XIII. Designated Representative (DR) Identifying Information** |
| DR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) |
| DR Full Name: |
| DR Title: |
| Employer Name: |
| Mailing Address: |
| City: |
| State: |
| ZIP Code: |
| Territory: |
| Country: |
| Foreign Postal Code: |
| Internal Mail Code: |
| Telephone No.: |
| Fax No.: |
| Email: |

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

| **Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.** |
|---|
| **XIV. Alternate Designated Representative (ADR) Identifying Information** |
| ADR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) |
| ADR Full Name: |
| ADR Title: |
| Employer Name: |
| Mailing Address: |
| City: |
| State: |
| ZIP Code: |
| Territory: |
| Country: |
| Foreign Postal Code: |
| Internal Mail Code: |
| Telephone No.: |
| Fax No.: |
| Email: |

Texas Commission on Environmental Quality
Title V Existing
1134

Site Information (Regulated Entity)

| | |
|---|---|
| What is the name of the permit area to be authorized? | NOLANVILLE PLANT |
| County | BELL |
| Latitude (N) (##.######) | 31.073888 |
| Longitude (W) (-###.######) | 97.575 |
| Primary SIC Code | 3296 |
| Secondary SIC Code | |
| Primary NAICS Code | 327993 |
| Secondary NAICS Code | |

Regulated Entity Site Information

| | |
|---|---|
| What is the Regulated Entity's Number (RN)? | RN100215243 |
| What is the name of the Regulated Entity (RE)? | NOLANVILLE PLANT |
| Does the RE site have a physical address? | Yes |

Physical Address

| | |
|---|---|
| Number and Street | 1 JACK RABBIT RD |
| City | NOLANVILLE |
| State | TX |
| ZIP | 76559 |
| County | BELL |
| Latitude (N) (##.######) | 31.073888 |
| Longitude (W) (-###.######) | -97.575 |
| Facility NAICS Code | |
| What is the primary business of this entity? | ROCK WOOL MANUFACTURING |

Customer (Applicant) Information

| | |
|---|---|
| How is this applicant associated with this site? | Owner Operator |
| What is the applicant's Customer Number (CN)? | CN605129857 |
| Type of Customer | Corporation |

Full legal name of the applicant:

| | |
|---|---|
| Legal Name | American Rockwool Manufacturing, LLC |
| Texas SOS Filing Number | 802382740 |
| Federal Tax ID | |

State Franchise Tax ID 32059491095

State Sales Tax ID

Local Tax ID

DUNS Number

Number of Employees 21-100

Independently Owned and Operated? Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name AMERICAN ROCKWOOL MANUFACTURING LLC

Prefix MR

First TOMAS

Middle

Last MILLER

Suffix

Credentials

Title PLANT FOREMAN

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 440 JACKRABBIT FLAT RD

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

City NOLANVILLE

State TX

ZIP 76559

Phone (###-###-####) 2547355035

Extension

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

Fax (### ### ####) 3724689086

E-mail tmiller@americanrockwool.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact. MONA JOHNSON(CAMS ESPARC LLC... )

Organization Name CAMS ESPARC LLC

Prefix MS

First MONA

Middle

Last JOHNSON

Suffix PE

Credentials

Title ENVIRONMENTAL AND PERMITTING MANAGER

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 3801 LAKE BOONE TRL

Routing (such as Mail Code, Dept., or Attn:) STE 200

City RALEIGH

State NC

ZIP 27607

Phone (###-###-####) 9197475001

Extension

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

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

E-mail mjohnson@camstex.com

Title V General Information - Existing

1) Permit Type: SOP

2) Permit Latitude Coordinate: 31 Deg 4 Min 26 Sec

3) Permit Longitude Coordinate: 97 Deg 34 Min 30 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. 1134-35796

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

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

[File Properties]

File Name <a href=/ePermitsExternal/faces/file?fileId=213009>OP_1_2024-08-22 OP-1.pdf</a>

Hash 584079640808FBAAA64C731EC6D54CAC98B6013C2B61606FA494CF70BDFEBBFB

MIME-Type application/pdf

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.

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

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.

I am Tomas Miller, the owner of the STEERS account ER105845.

I have the authority to sign this data on behalf of the applicant named above.

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.

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.

I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.

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.

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.

I am knowingly and intentionally signing Title V Existing 1134.

My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Tomas Miller OWNER OPERATOR

Account Number: ER105845

Signature IP Address: 129.222.121.103

Signature Date: 2024-08-22

Signature Hash:
526996D90081A24D14FC367077DCB6B6CBA664DB25B362CA8271F9A54AAD0061

Form Hash Code at time of Signature:
080D46E2A279751992D31E0A1AFCD256D39AA74C8975AD4323DA8FFD7340D344

Submission

Reference Number: The application reference number is 677129

Submitted by: The application was submitted by ER105845/Tomas Miller

Submitted Timestamp: The application was submitted on 2024-08-22 at 12:49:19 CDT

Submitted From: The application was submitted from IP address 129.222.121.103

Confirmation Number: The confirmation number is 559022

Steers Version: The STEERS version is 6.81

Permit Number: The permit number is 1134

Additional Information

Application Creator: This account was created by Tomas Miller

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

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| August 16, 2024 | O1134 | RN100215243 |

| Emission Point ID No. | SOP/GOP Index No. | Alternate Opacity Limitation | AOL ID No. | Vent Source | Opacity Monitoring System | Construction Date | Effluent Flow Rate |
|---|---|---|---|---|---|---|---|
| EPN 2 (CUP1, CUP2) | R1111 | No | | OTHER | NONE | 72+ | 100+ |
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**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

| | |
|---|---|
| Date: | August 16, 2024 |
| Permit No.: | O1134 |
| RN No.: | RN100215243 |

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

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 1*** | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter** | | |
| | **A.** | **Visible Emissions** | |
| ♦ | 1. | The application area includes stationary vents constructed on or before January 31, 1972. | ☐YES ☒NO |
| ♦ | 2. | The application area includes stationary vents constructed after January 31, 1972.<br>*If the responses to Questions I.A.1 and I.A.2 are both "NO," go to Question I.A.6.*<br>*If the response to Question I.A.1 is "NO" and the response to Question I.A.2 is "YES," go to Question I.A.4.* | ☒YES ☐NO |
| ♦ | 3. | The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972. | ☐YES ☐NO |
| ♦ | 4. | All stationary vents are addressed on a unit specific basis. | ☐YES ☒NO |
| ♦ | 5. | Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area. | ☒YES ☐NO |
| ♦ | 6. | The application area includes structures subject to 30 TAC § 111.111(a)(7)(A). | ☒YES ☐NO |
| ♦ | 7. | The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A). | ☒YES ☐NO |
| ♦ | 8. | Emissions from units in the application area include contributions from uncombined water. | ☒YES ☐NO |
| ♦ | 9. | The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c). | ☐YES ☒NO<br>☐N/A |

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

| | |
|---|---|
| Date: | August 16, 2024 |
| Permit No.: | O1134 |
| RN No.: | RN100215243 |

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

***Form OP-REQ1: Page 87***

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

**E. PSD Permits and PSD Major Pollutants**

| | | |
|---|---|---|
| PSD Permit No.: PSDTX625M1 | Issuance Date: 01/31/2019 | Pollutant(s): CO/ PM, NOx, SO2, PM10, H2S, TRS |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |

*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**

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

*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: | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |

♦ **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.:9397 | Issuance Date: 01/31/2019 | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |

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

| | |
|---|---|
| Date: | August 16, 2024 |
| Permit No.: | O1134 |
| RN No.: | RN100215243 |

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

| ***Form OP-REQ1: Page 88*** | |
|---|---|
| **XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)** | |
| ♦ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area** | |
| *A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.* | |
| PBR No.: 106.227 | Version No./Date: 03/14/1997 |
| PBR No.: 106.261 (Reg 50933) | Version No./Date: 09/04/2000 Issued 5/28/2002 |
| PBR No.: 106.263 (Reg 170909) | Version No./Date: 11/01/2001 Issued 12/07/2022 |
| PBR No.: 106.265 | Version No./Date: 09/04/2000 |
| PBR No.: 106.472 | Version No./Date: 09/04/2000 |
| PBR No.: 106.473 | Version No./Date: 09/04/2000 |
| PBR No.: 106.478 | Version No./Date: 09/04/2000 |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| ♦ **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 No.: | Issuance Date: |

**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) 239-1250or 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: |
| **B.** | Customer Reference Number (CN): **CN** |
| **C.** | Submittal Date *(mm/dd/yyyy):* |
| **II.** | **Site Information** |
| **A.** | Site Name: |
| **B.** | Regulated Entity Reference Number (RN): **RN** |
| **C.** | Indicate affected state(s) required to review permit application: *(Check the appropriate box[es].)* |
| ☐ AR ☐ CO ☐ KS ☐ LA ☐ NM ☐ OK ☐ N/A | |
| **D.** | Indicate all pollutants for which the site is a major source based on the site's potential to emit: *(Check the appropriate box[es].)* |
| ☐ VOC ☐ $NO_X$ ☐ $SO_2$ ☐ $PM_{10}$ ☐ CO ☐ Pb ☐ HAPS | |
| Other: TRS | |
| **E.** | Is the site a non-major source subject to the Federal Operating Permit Program? ☐ YES ☐ NO |
| **F.** | Is the site within a local program area jurisdiction? ☐ YES ☐ NO |
| **G.** | Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? ☐ YES ☐ NO |
| **H.** | Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: |
| **III.** | **Permit Type** |
| **A.** | Type of Permit Requested: *(Select only one response.)* |
| ☐ Site Operating Permit (SOP) ☐ Temporary Operating Permit (TOP) ☐ General Operating Permit (GOP) | |

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

| | | |
|---|---|---|
| **IV.** | **Initial Application Information** *(Complete for Initial Issuance Applications Only.)* | |
| **A.** | Is this submittal an abbreviated or a full application? | ☐ Abbreviated ☐ Full |
| **B.** | If this is a full application, is the submittal a follow-up to an abbreviated application? | ☐ YES ☐ NO |
| **C.** | If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? | ☐ YES ☐ NO |
| **D.** | Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) | ☐ YES ☐ NO |
| **V.** | **Confidential Information** | |
| **A.** | Is confidential information submitted in conjunction with this application? | ☐ YES ☐ NO |
| **VI.** | **Responsible Official (RO) Identifying Information** | |
| RO Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) | | |
| RO Full Name: | | |
| RO 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 3)**
**Texas Commission on Environmental Quality**

| **VII. Technical Contact Identifying Information** *(Complete if different from RO.)* | |
|---|---|
| Technical Contact Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) | |
| Technical Contact Full Name: | |
| Technical Contact Title: | |
| Employer Name: | |
| Mailing Address: | |
| City: | |
| State: | |
| ZIP Code: | |
| Territory: | |
| Country: | |
| Foreign Postal Code: | |
| Internal Mail Code: | |
| Telephone No.: | |
| Fax No.: | |
| Email: | |
| **VIII. Reference Only Requirements** *(For reference only.)* | |
| **A.** State Senator: | |
| **B.** State Representative: | |
| **C.** Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? | ☐ YES ☐ NO ☐ N/A |
| **D.** Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? | ☐ YES ☐ NO |
| **E.** Indicate the alternate language(s) in which public notice is required: | |

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

| | |
|---|---|
| **IX.** | **Off-Site Permit Request**<br>*(Optional for applicants requesting to hold the FOP and records at an off-site location.)* |
| **A.** | Office/Facility Name: |
| **B.** | Physical Address: |
| City: | |
| State: | |
| ZIP Code: | |
| Territory: | |
| Country: | |
| Foreign Postal Code: | |
| **C.** | Physical Location: |
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| | |
| **D.** | Contact Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) |
| Contact Full Name: | |
| **E.** | Telephone No.: |
| **X.** | **Application Area Information** |
| **A.** | Area Name: |
| **B.** | Physical Address: |
| City: | |
| State: | |
| ZIP Code: | |
| **C.** | Physical Location: |
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| | |
| **D.** | Nearest City: |
| **E.** | State: |
| **F.** | ZIP Code: |

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

| | |
|---|---|
| **X.** | **Application Area Information *(continued)*** |
| **G.** | Latitude (nearest second): |
| **H.** | Longitude (nearest second): |
| **I.** | Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? ☐ YES ☐ NO |
| **J.** | Indicate the estimated number of emission units in the application area: |
| **K.** | Are there any emission units in the application area subject to the Acid Rain Program? ☐ YES ☐ NO |
| **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: |
| **B.** | Physical Address: |
| City: | |
| ZIP Code: | |
| **C.** | Contact Person (Someone who will answer questions from the public during the public notice period): |
| Contact Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.): | |
| Contact Person Full Name: | |
| Contact Mailing Address: | |
| City: | |
| State: | |
| ZIP Code: | |
| Territory: | |
| Country: | |
| Foreign Postal Code: | |
| Internal Mail Code: | |
| Telephone No.: | |

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

| **XII. Delinquent Fees and Penalties** |
|---|
| **Notice:** This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol." |
| **Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.** |
| **XIII. Designated Representative (DR) Identifying Information** |
| DR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) |
| DR Full Name: |
| DR Title: |
| Employer Name: |
| Mailing Address: |
| City: |
| State: |
| ZIP Code: |
| Territory: |
| Country: |
| Foreign Postal Code: |
| Internal Mail Code: |
| Telephone No.: |
| Fax No.: |
| Email: |

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

| **Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.** |
|---|
| **XIV. Alternate Designated Representative (ADR) Identifying Information** |
| ADR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) |
| ADR Full Name: |
| ADR Title: |
| Employer Name: |
| Mailing Address: |
| City: |
| State: |
| ZIP Code: |
| Territory: |
| Country: |
| Foreign Postal Code: |
| Internal Mail Code: |
| Telephone No.: |
| Fax No.: |
| Email: |

**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 |
|---|---|---|
| August 16, 2024 | O1134 | RN100215243 |

| Unit ID No. | Registration No. | PBR No. | Registration Date |
|---|---|---|---|
| EPN: 4-26-RRCAR<br>SHOTCONVYR<br>SHOTSC<br>(Mineral Wool Shot Sales Loading Area) | 50933 | 106.261 (version 9/4/2000) | 5/28/2002 |
| EPN: FUG-TEMP | 170909 | 106.263 (version 11/1/2001) | 12/07/2022 |
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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 |
|---|---|---|
| August 16, 2024 | O1134 | RN100215243 |

| Unit ID No. | PBR No. | Version No./Date |
|---|---|---|
| NA- Mobile Equipment | 106.227, Soldering, Brazing, Welding | 3/14/1997 |
| Oil Feed Tote and Process Tank, Diesel Tank | 106.472, Organic and Inorganic Liquid Loading and Unloading | 9/4/2000 |
| Diesel Tank, Gasoline Tank | 106.473, Organic Liquid Loading and Unloading | 9/4/2000 |
| Oil Tote/Tank, Diesel Tank, Gasoline Tank | 106.478, Storage Tank and Change of Service | 9/4/2000 |
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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 |
|---|---|---|
| August 16, 2024 | O1134 | RN100215243 |

| PBR No. | Version No./Date |
|---|---|
| 106.265, Hand-Held / Manually Operated Machines | 9/4/2000 |
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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 |
|---|---|---|
| August 16, 2024 | O1134 | RN100215243 |

| Unit ID No. | PBR No. | Version No./Date Or Registration No. | Monitoring Requirement |
|---|---|---|---|
| EPN: 4-26-RRCAR SHOTCONVYR SHOTSC<br><br>(Mineral Wool Shot Sales Loading Area) | 106.261 (version 9/4/2000) | Reg. No: 50933 | Record amount of screened shot sold as a product on an annual basis. |
| EPN: FUG-TEMP | 106.263 (version 11/1/2001) | Reg. No: 170909 | Track material usage time and quantity daily: paint products and blast materials |
| NA- Mobile Equipment | 106.227 | Version 9/4/2000 | Track lead in welding materials or ensure products with no lead are used. |
| Annealing Oil Tote (330 gal)<br>Diesel Tank (500 gal) | 106.472 | Version 9/4/2000 | Maintain receipts of purchases to track annual throughput. |
| Diesel Tank (500 gal)<br>Gasoline Tank (500 gal) | 106.473 | Version 9/4/2000 | Maintain receipts of purchases to track annual throughput. |
| Annealing Oil Tote (330 gal)<br>Diesel Tank (500 gal)<br>Gasoline Tank (500 gal) | 106.478 | Version 9/4/2000 | Maintain receipts of purchases to track annual throughput. |

Texas Commission on Environmental Quality
Title V Existing
1134

Site Information (Regulated Entity)

| | |
|---|---|
| What is the name of the permit area to be authorized? | NOLANVILLE PLANT |
| County | BELL |
| Latitude (N) (##.######) | 31.073888 |
| Longitude (W) (-###.######) | 97.575 |
| Primary SIC Code | 3296 |
| Secondary SIC Code | |
| Primary NAICS Code | 327993 |
| Secondary NAICS Code | |

Regulated Entity Site Information

| | |
|---|---|
| What is the Regulated Entity's Number (RN)? | RN100215243 |
| What is the name of the Regulated Entity (RE)? | NOLANVILLE PLANT |
| Does the RE site have a physical address? | Yes |

Physical Address

| | |
|---|---|
| Number and Street | 1 JACK RABBIT RD |
| City | NOLANVILLE |
| State | TX |
| ZIP | 76559 |
| County | BELL |
| Latitude (N) (##.######) | 31.073888 |
| Longitude (W) (-###.######) | -97.575 |
| Facility NAICS Code | |
| What is the primary business of this entity? | ROCK WOOL MANUFACTURING |

Customer (Applicant) Information

| | |
|---|---|
| How is this applicant associated with this site? | Owner Operator |
| What is the applicant's Customer Number (CN)? | CN605129857 |
| Type of Customer | Corporation |

Full legal name of the applicant:

| | |
|---|---|
| Legal Name | American Rockwool Manufacturing, LLC |
| Texas SOS Filing Number | 802382740 |
| Federal Tax ID | |

State Franchise Tax ID 32059491095

State Sales Tax ID

Local Tax ID

DUNS Number

Number of Employees 21-100

Independently Owned and Operated? Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name AMERICAN ROCKWOOL MANUFACTURING LLC

Prefix MR

First TOMAS

Middle

Last MILLER

Suffix

Credentials

Title PLANT FOREMAN

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 3801 LAKE BOONE TRL

Routing (such as Mail Code, Dept., or Attn:) STE 200

City RALEIGH

State NC

ZIP 27607

Phone (###-###-####) 2547355035

Extension

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

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

E-mail tmiller@americanrockwool.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact. MONA JOHNSON(CAMS ESPARC LLC... )

Organization Name CAMS ESPARC LLC

Prefix MS

First MONA

Middle

Last JOHNSON

Suffix PE

Credentials

Title ENVIRONMENTAL AND PERMITTING MANAGER

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 3801 LAKE BOONE TRL

Routing (such as Mail Code, Dept., or Attn:) STE 200

City RALEIGH

State NC

ZIP 27607

Phone (###-###-####) 9197475001

Extension

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

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

E-mail mjohnson@camstex.com

Title V General Information - Existing

1) Permit Type: SOP

2) Permit Latitude Coordinate: 31 Deg 4 Min 26 Sec

3) Permit Longitude Coordinate: 97 Deg 34 Min 30 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. 1134-35796

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

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

[File Properties]

File Name <a href=/ePermitsExternal/faces/file?fileId=212096>OP_1_2024-08-16 OP-1.pdf</a>

Hash A3408E6E5A706569682CA9CAF8B770CDE1046D038B7EB5A859A71D3DA562D7DE

MIME-Type application/pdf

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 <a href=/ePermitsExternal/faces/file?fileId=212099>OP_REQ1_2024-08-16 OP-REQ1 Update.docx</a>

Hash 0759ECF4E2FD88600C319FAB7371CA4A71FBDD10048DAAB5F6719B4D5EF7D001

MIME-Type application/vnd.openxmlformats-officedocument.wordprocessingml.document

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 <a href=/ePermitsExternal/faces/file?fileId=212097>OP_PBRSUP_2024-08-16 Form PBRSUP.docx</a>

Hash 5320060D63859E6E2E47AA2DB43065311D7F9F74ED70228AF702D677CAD8EB03

MIME-Type application/vnd.openxmlformats-officedocument.wordprocessingml.document

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

[File Properties]

File Name <a href=/ePermitsExternal/faces/file?fileId=212098>2024-08-16 UA-15 Cupolas.docx</a>

Hash 29A4BBA32DF3433290CA6795C5D87236B55ECF0CF50DE400415A530E52C69877

MIME-Type application/vnd.openxmlformats-officedocument.wordprocessingml.document

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 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.

I am Tomas Miller, the owner of the STEERS account ER105845.

I have the authority to sign this data on behalf of the applicant named above.

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.

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.

I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.

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.

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.

I am knowingly and intentionally signing Title V Existing 1134.

My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Tomas Miller OWNER OPERATOR

| | |
|---|---|
| Account Number: | ER105845 |
| Signature IP Address: | 129.222.121.103 |
| Signature Date: | 2024-08-16 |

Signature Hash:
526996D90081A24D14FC367077DCB6B6CBA664DB25B362CA8271F9A54AAD0061

Form Hash Code at time of Signature:
BE8909939213FBF4AE3BC07D3BCBB4AC620CF619E36CFABEC038263969AF7402

Submission

Reference Number: The application reference number is 675805

Submitted by: The application was submitted by ER105845/Tomas Miller

Submitted Timestamp: The application was submitted on 2024-08-16 at 11:10:06 CDT

Submitted From: The application was submitted from IP address 129.222.121.103

Confirmation Number: The confirmation number is 557976

Steers Version: The STEERS version is 6.81

Permit Number: The permit number is 1134

Additional Information

Application Creator: This account was created by Tomas Miller

**From:** Mona Johnson <mjohnson@camsesparc.com>
**Sent:** Tuesday, July 16, 2024 9:28 AM
**To:** Richard Goertz
**Subject:** RE: FOP 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plan

Thank you. No questions at this time.

Mona Caesar Johnson
713-540-6821
mjohnson@camsesparc.com

---

**From:** Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Sent:** Tuesday, July 16, 2024 10:21 AM
**To:** Mona Johnson <mjohnson@camsesparc.com>
**Subject:** RE: FOP 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plan

**[EXTERNAL EMAIL]** DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe. If you believe you've received this email in error, or believe this is a phishing attempt contact Bluewire Help Desk

Ms. Johnson,
I have placed the previous version of the major NSR summary table back in the permit. I will proceed with preparing the PNAP. Please let me know if you have any questions.

---

**From:** Mona Johnson <mjohnson@camsesparc.com>
**Sent:** Friday, July 12, 2024 2:23 PM
**To:** Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Subject:** RE: FOP 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plan

Old format, please.

Mona Caesar Johnson
713-540-6821
mjohnson@camsesparc.com

---

**From:** Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Sent:** Friday, July 12, 2024 2:43 PM
**To:** Mona Johnson <mjohnson@camsesparc.com>
**Subject:** RE: FOP 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plan

**[EXTERNAL EMAIL]** DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe. If you believe you've received this email in error, or believe this is a phishing attempt contact Bluewire Help Desk

Would you like the new or old format?

---

**From:** Mona Johnson <mjohnson@camsesparc.com>
**Sent:** Friday, July 12, 2024 1:41 PM
**To:** Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Cc:** Jonathan Martensen <jmartensen@camstex.com>; Tomas Miller <TMiller@americanrockwool.com>; John Beck <JBeck@americanrockwool.com>; James M. Deibel - American Rockwool Manufacturing, LLC (jdeibel@americanrockwool.com) <jdeibel@americanrockwool.com>; Sarah Jacobs <sjacobs@camstex.com>
**Subject:** RE: FOP 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plan

Thank you. Appreciate it.

Mona Caesar Johnson
713-540-6821
mjohnson@camsesparc.com

---

**From:** Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Sent:** Friday, July 12, 2024 2:34 PM
**To:** Mona Johnson <mjohnson@camsesparc.com>
**Cc:** Jonathan Martensen <jmartensen@camstex.com>; Tomas Miller <TMiller@americanrockwool.com>; John Beck <JBeck@americanrockwool.com>; James M. Deibel - American Rockwool Manufacturing, LLC (jdeibel@americanrockwool.com) <jdeibel@americanrockwool.com>; Sarah Jacobs <sjacobs@camstex.com>
**Subject:** RE: FOP 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plan

**[EXTERNAL EMAIL]** DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe. If you believe you've received this email in error, or believe this is a phishing attempt contact Bluewire Help Desk

Ms. Johnson,
I have added the footnote to the MAERT to be consistent with the MAERT document. Unfortunately, the macro that we use to convert the MEART to the format of the Title V document did not pick it up. As for the format of the Major NSR Summary Table, the format in the draft was negotiated with

EPA. The purpose was to reduce the burden on the permit reviewer and the applicant by identifying requirements at the unit level rather than identifying each requirement at the pollutant level for the unit. Since the table has not changed from the last project for the permit, I can put it back the way it was if you wish. Just be aware that the format in the draft is the agreed upon format. Permit reviewers will likely update it again in subsequent projects. .

---

**From:** Mona Johnson <mjohnson@camsesparc.com>
**Sent:** Friday, July 12, 2024 8:18 AM
**To:** Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Cc:** Jonathan Martensen <jmartensen@camstex.com>; Tomas Miller <TMiller@americanrockwool.com>; John Beck <JBeck@americanrockwool.com>; James M. Deibel - American Rockwool Manufacturing, LLC (jdeibel@americanrockwool.com) <jdeibel@americanrockwool.com>; Sarah Jacobs <sjacobs@camstex.com>
**Subject:** RE: FOP 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plan

Good morning,
Thank you for the opportunity to review the draft permit. We understand the insertions related to the applicable PBRs, but do have a couple of other comments:

1. The Major NSR Summary table on pages 30-31 of the Draft Permit has been reformatted so that the references to special condition requirements no longer reflect the pollutant-specific requirements. This makes it difficult to understand the permit requirements applicable for each pollutant and makes it appear that all listed requirements apply to each listed pollutant within a given emission point, which is not necessarily the case. Could you please revert to the old format? As an example, the requirements for EPN 2 are shown below:

**Draft Permit**

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates | | Monitoring and Testing Requirements | Recordkeeping Requirements | |
|---|---|---|---|---|---|---|---|
| | | | lb/hr | TPY (4) | Special Condition/Application Information | Special Condition/Application Information | Con |
| 2 | Electric Arc Furnace or Cupola 1 or Cupola 2 | $PM_{10}$ | 3.24 | 14.30 | 2, 3, 11, 12, 13, 14, 15, 16, 24 | 2, 11, 12, 13, 14, 15, 16, 23, 24 | 2, 12 |
| | | $NO_x$ | 12.85 | 52.06 | | | |
| | | CO | 1477.00 | 4800.40 | | | |
| | | $SO_2$ | 149.81 | 487.80 | | | |
| | | HF | 0.57 | 2.10 | | | |
| | | $H_2S$ | 15.70 | 57.60 | | | |
| | | COS | 19.87 | 75.82 | | | |
| | | TRS | 35.57 | 133.42 | | | |
| | | HCN | < 0.01 | 0.03 | | | |

**Existing Permit**

| Permit Number: 9397 and PSDTX625M1 | | | | | Issuar |
|---|---|---|---|---|---|
| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY** | Mon |
| 2 | Electric Arc Furnace or Cupola 1 or Cupola 2 | PM10 | 3.24 | 14.30 | 2, 3, 1 |
| | | NOx | 12.85 | 52.06 | 11, 12 |
| | | CO | 1477.00 | 4800.40 | 6, 11, |
| | | SO2 | 149.81 | 487.00 | 11, 12 |
| | | HF | 0.57 | 2.10 | 11, 12 |
| | | H2S | 15.70 | 57.60 | 6, 11, |
| | | COS | 19.87 | 75.82 | 6, 11, |
| | | TRS | 35.57 | 133.42 | 6, 11, |
| | | HCN | <0.01 | 0.03 | 11, 12 |
| 2 | Electric Arc Furnace or Cupola 1 or Cupola 2 (5) | SO2 | 203.38 | - | 12 |
| | | TRS | 48.29 | - | 12 |

2. There is a footnote missing from the Major NSR Summary Table on page 32 that was included in the previous permit. The footnote references an asterisk that is not present within the table and states, "Emission rates are based on, and the facilities are limited by the following maximum operating schedule: hrs/day 24, Days/week 7, Weeks/yr 52." We are not sure if the removal of this footnote was intentional. It may not be necessary since operations are authorized for 8760 hours per year. But we want to be sure that there is no limitation on operating hours implied.

We appreciate your assistance with finalizing this permit. Let me know if you want to discuss these items further.

-Mona

Mona Caesar Johnson
713-540-6821
mjohnson@camsesparc.com

---

**From:** Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Sent:** Friday, June 28, 2024 9:45 AM
**To:** Jonathan Martensen <jmartensen@camstex.com>; Mona Johnson <mjohnson@camsesparc.com>
**Subject:** FOP 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plan

**[EXTERNAL EMAIL]** DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe. If you believe you've received this email in error, or believe this is a phishing attempt contact Bluewire Help Desk

Attached is the draft with updated special condition 7 noting the submittal of the PBRSUP table. Let me know if you are good with the draft and I will proceed with public notice. Thanks.

**From:** Mona Johnson <mjohnson@camsesparc.com>
**Sent:** Friday, July 12, 2024 8:18 AM
**To:** Richard Goertz
**Cc:** Jonathan Martensen; Tomas Miller; John Beck; James M. Deibel - American Rockwool Manufacturing, LLC (jdeibel@americanrockwool.com); Sarah Jacobs
**Subject:** RE: FOP 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plan

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1. The Major NSR Summary table on pages 30-31 of the Draft Permit has been reformatted so that the references to special condition requirements no longer reflect the pollutant-specific requirements. This makes it difficult to understand the permit requirements applicable for each pollutant and makes it appear that all listed requirements apply to each listed pollutant within a given emission point, which is not necessarily the case. Could you please revert to the old format? As an example, the requirements for EPN 2 are shown below:

**Draft Permit**

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates | | Monitoring and Testing Requirements | Recordkeeping Requirements | |
|---|---|---|---|---|---|---|---|
| | | | lb/hr | TPY (4) | Special Condition/Application Information | Special Condition/Application Information | Con |
| 2 | Electric Arc Furnace or Cupola 1 or Cupola 2 | $PM_{10}$ | 3.24 | 14.30 | 2, 3, 11, 12, 13, 14, 15, 16, 24 | 2, 11, 12, 13, 14, 15, 16, 23, 24 | 2, 12 |
| | | $NO_x$ | 12.85 | 52.06 | | | |
| | | CO | 1477.00 | 4800.40 | | | |
| | | $SO_2$ | 149.81 | 487.80 | | | |
| | | HF | 0.57 | 2.10 | | | |
| | | $H_2S$ | 15.70 | 57.60 | | | |
| | | COS | 19.87 | 75.82 | | | |
| | | TRS | 35.57 | 133.42 | | | |
| | | HCN | < 0.01 | 0.03 | | | |

**Existing Permit**

| Permit Number: 9397 and PSDTX625M1 | | | | | Issuar |
|---|---|---|---|---|---|
| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * | | Mon |
| | | | lb/hr | TPY** | |
| 2 | Electric Arc Furnace or Cupola 1 or Cupola 2 | PM10 | 3.24 | 14.30 | 2, 3, 1 |
| | | NOx | 12.85 | 52.06 | 11, 12 |
| | | CO | 1477.00 | 4800.40 | 6, 11, |
| | | SO2 | 149.81 | 487.00 | 11, 12, |
| | | HF | 0.57 | 2.10 | 11, 12 |
| | | H2S | 15.70 | 57.60 | 6, 11, |
| | | COS | 19.87 | 75.82 | 6, 11, |
| | | TRS | 35.57 | 133.42 | 6, 11, |
| | | HCN | <0.01 | 0.03 | 11, 12 |
| 2 | Electric Arc Furnace or Cupola 1 or Cupola 2 (5) | SO2 | 203.38 | - | 12 |
| | | TRS | 48.29 | - | 12 |

2. There is a footnote missing from the Major NSR Summary Table on page 32 that was included in the previous permit. The footnote references an asterisk that is not present within the table and states, "Emission rates are based on, and the facilities are limited by the following maximum operating schedule: hrs/day 24, Days/week 7, Weeks/yr 52." We are not sure if the removal of this footnote was intentional. It may not be necessary since operations are authorized for 8760 hours per year. But we want to be sure that there is no limitation on operating hours implied.

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-Mona

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**From:** Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Sent:** Friday, June 28, 2024 9:45 AM
**To:** Jonathan Martensen <jmartensen@camstex.com>; Mona Johnson <mjohnson@camsesparc.com>
**Subject:** FOP 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plan

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Attached is the draft with updated special condition 7 noting the submittal of the PBRSUP table. Let me know if you are good with the draft and I will proceed with public notice. Thanks.

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

| | |
|---|---|
| Date: | 06/18/2024 |
| Permit No.: | O1134 |
| RN No.: | RN100215243 |

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

| **Form OP-REQ1: Page 88** | |
|---|---|
| **XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)** | |
| ♦ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area** | |
| *A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.* | |
| PBR No.: Reg 50933 (106.261) | Version No./Date: Version: 09/04/2000. Issued 5/28/2002 |
| PBR No.: Reg 170909 (106.263) | Version No./Date: Version: 11/01/2001. Issued 12/07/2022 |
| PBR No.: 106.472 | Version No./Date: Version: 09/04/2000 |
| PBR No.: 106.227 | Version No./Date: Version: 03/14/1997 |
| PBR No.: 106.473 | Version No./Date: Version 09/04/2000 |
| PBR No.: 106.478 | Version No./Date: Version 09/04/2000 |
| PBR No.: 106.265 | Version No./Date: Version: 09/04/2000 |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| ♦ **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 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 |
|---|---|---|
| June 3, 2024 | 1134 | RN100215243 |

| Unit ID No. | Registration No. | PBR No. | Registration Date |
|---|---|---|---|
| EPN: 4-26-RRCAR (Mineral Wool Shot Sales Loading Area) | 50933 | 106.261 (version 9/4/2000) | 5/28/2002 |
| EPN: FUG-TEMP | 170909 | 106.263 (version 11/1/2001) | 12/07/2022 |
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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 |
|---|---|---|
| June 3, 2024 | 1134 | RN100215243 |

| Unit ID No. | PBR No. | Version No./Date |
|---|---|---|
| NA- Mobile Equipment | 106.227, Soldering, Brazing, Welding | 3/14/1997 |
| Oil Feed Tote and Process Tank, Diesel Tank | 106.472, Organic and Inorganic Liquid Loading and Unloading | 9/4/2000 |
| Diesel Tank, Gasoline Tank | 106.473, Organic Liquid Loading and Unloading | 9/4/2000 |
| Oil Tote/Tank, Diesel Tank, Gasoline Tank | 106.478, Storage Tank and Change of Service | 9/4/2000 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

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

| Date | Permit Number | Regulated Entity Number |
|---|---|---|
| June 3, 2024 | 1134 | RN100215243 |

| PBR No. | Version No./Date |
|---|---|
| 106.265, Hand-Held / Manually Operated Machines | 9/4/2000 |
| | |
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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 |
|---|---|---|
| June 3, 2024 | 1134 | RN100215243 |

| Unit ID No. | PBR No. | Version No./Date Or Registration No. | Monitoring Requirement |
|---|---|---|---|
| EPN: 4-26-RRCAR (Mineral Wool Shot Sales Loading Area) | 106.261 (version 9/4/2000) | Reg. No: 50933 | Record amount of screened shot sold as a product on an annual basis. |
| EPN: FUG-TEMP | 106.263 (version 11/1/2001) | Reg. No: 170909 | Track material usage time and quantity daily: paint products and blast materials |
| NA- Mobile Equipment | 106.227 | Version 9/4/2000 | Track lead in welding materials or ensure products with no lead are used. |
| Annealing Oil Tote (330 gal) Diesel Tank (500 gal) | 106.472 | Version 9/4/2000 | Maintain receipts of purchases to track annual throughput. |
| Diesel Tank (500 gal) Gasoline Tank (500 gal) | 106.473 | Version 9/4/2000 | Maintain receipts of purchases to track annual throughput. |
| Annealing Oil Tote (330 gal) Diesel Tank (500 gal) Gasoline Tank (500 gal) | 106.478 | Version 9/4/2000 | Maintain receipts of purchases to track annual throughput. |
| | | | |
| | | | |
| | | | |

Texas Commission on Environmental Quality
Title V Existing
1134

Site Information (Regulated Entity)

| | |
|---|---|
| What is the name of the permit area to be authorized? | NOLANVILLE PLANT |
| County | BELL |
| Latitude (N) (##.######) | 31.073888 |
| Longitude (W) (-###.######) | 97.575 |
| Primary SIC Code | 3296 |
| Secondary SIC Code | |
| Primary NAICS Code | 327993 |
| Secondary NAICS Code | |

Regulated Entity Site Information

| | |
|---|---|
| What is the Regulated Entity's Number (RN)? | RN100215243 |
| What is the name of the Regulated Entity (RE)? | NOLANVILLE PLANT |
| Does the RE site have a physical address? | Yes |

Physical Address

| | |
|---|---|
| Number and Street | 1 JACK RABBIT RD |
| City | NOLANVILLE |
| State | TX |
| ZIP | 76559 |
| County | BELL |
| Latitude (N) (##.######) | 31.073888 |
| Longitude (W) (-###.######) | -97.575 |
| Facility NAICS Code | |
| What is the primary business of this entity? | ROCK WOOL MANUFACTURING |

Customer (Applicant) Information

| | |
|---|---|
| How is this applicant associated with this site? | Owner Operator |
| What is the applicant's Customer Number (CN)? | CN605129857 |
| Type of Customer | Corporation |

Full legal name of the applicant:

| | |
|---|---|
| Legal Name | American Rockwool Manufacturing, LLC |
| Texas SOS Filing Number | 802382740 |
| Federal Tax ID | |

State Franchise Tax ID 32059491095

State Sales Tax ID

Local Tax ID

DUNS Number

Number of Employees 21-100

Independently Owned and Operated? Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name AMERICAN ROCKWOOL MANUFACTURING LLC

Prefix MR

First TOMAS

Middle

Last MILLER

Suffix

Credentials

Title PLANT FOREMAN

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 3801 LAKE BOONE TRL

Routing (such as Mail Code, Dept., or Attn:) STE 200

City RALEIGH

State NC

ZIP 27607

Phone (###-###-####) 2547355035

Extension

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

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

E-mail tmiller@americanrockwool.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact. MONA JOHNSON(CAMS ESPARC LLC... )

Organization Name CAMS ESPARC LLC

Prefix MS

First MONA

Middle

Last JOHNSON

Suffix PE

Credentials

Title ENVIRONMENTAL AND PERMITTING MANAGER

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 3801 LAKE BOONE TRL

Routing (such as Mail Code, Dept., or Attn:) STE 200

City RALEIGH

State NC

ZIP 27607

Phone (###-###-####) 9197475001

Extension

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

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

E-mail mjohnson@camstex.com

Title V General Information - Existing

1) Permit Type: SOP

2) Permit Latitude Coordinate: 31 Deg 4 Min 26 Sec

3) Permit Longitude Coordinate: 97 Deg 34 Min 30 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. 1134-35796

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 <a href=/ePermitsExternal/faces/file?fileId=203281>OP_REQ1_Appendix D - Form OP-REQ1 PG 88- UPDATED (06-18).pdf</a>

Hash D0EEC99C38DDA844B5D6078AA92F17B0ECB51551FA89FB2D1C219B3E5E37E69D

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 <a href=/ePermitsExternal/faces/file?fileId=203285>OP_PBRSUP_American Rockwool Permit 1134 Project 35796 Corrected Form PBRSUP.pdf</a>

Hash 57838AA09DDDAF914CFAAD013F6D1767A87B69F62844BC76AF1385BDD411EB94

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)

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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 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.

I am Tomas Miller, the owner of the STEERS account ER105845.

I have the authority to sign this data on behalf of the applicant named above.

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.

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.

I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.

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.

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.

I am knowingly and intentionally signing Title V Existing 1134.

My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Tomas Miller OWNER OPERATOR

Account Number: ER105845

Signature IP Address: 129.222.121.103

Signature Date: 2024-06-27

Signature Hash:
F24AF2F2AB5270065C82CE54C0E13896E67053B32CB6786740E5517989538F91

Form Hash Code at time of Signature:
AD98E9562581BBB6C5B42F8D80A44271D46265532AB1E991128F215CF19E8EA0

Submission

Reference Number: The application reference number is 663182

Submitted by: The application was submitted by ER105845/Tomas Miller

Submitted Timestamp: The application was submitted on 2024-06-27 at 14:59:07 CDT

Submitted From: The application was submitted from IP address 129.222.121.103

Confirmation Number: The confirmation number is 548390

Steers Version: The STEERS version is 6.77

Permit Number: The permit number is 1134

Additional Information

Application Creator: This account was created by Tomas Miller

**From:** Richard Goertz
**Sent:** Tuesday, June 18, 2024 11:24 AM
**To:** Jonathan Martensen; Mona Johnson
**Subject:** RE: NOD/RFI -- 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plant
**Attachments:** Internal Draft 6-17-2024.docx

Mr. Martensen,
I have reviewed the PBRSUP form provided. There are a couple of issues. We will need to provide updates to correct these representations. In anticipation of the updates, I have added the PBRs to the NSR Reference Table in the draft permit (attached).

1. Table C identifies PBR 106.265 with a version date of 09/04/2002. This is not a valid version date (Assume it should be 09/04/2000)
2. The PBRSUP form identifies PBRS 106.473, 106.478, and 106.265. As page 88 of the OP-REQ1 form identifies all PBRs for the area, these PBRs should also be identified on this page of the OP-REQ1.

---

**From:** Jonathan Martensen <jmartensen@camstex.com>
**Sent:** Tuesday, June 18, 2024 9:01 AM
**To:** Richard Goertz <Richard.Goertz@tceq.texas.gov>; Mona Johnson <mjohnson@camsesparc.com>
**Subject:** RE: NOD/RFI -- 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plant

Mr. Goertz,

I am circling back with Tomas Miller (RO) to ensure the form was correctly uploaded in STEERS and any confirmation or submission steps are completed to properly submit the form that was uploaded. In the meantime, please see attached for a PDF copy of the Word document that we are submitting through STEERS.

Thanks,

**Jonathan Martensen**
Senior Environmental Associate I
Office: 713-457-5232 | Cell: 936-524-0819

---

**From:** Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Sent:** Monday, June 17, 2024 1:08 PM
**To:** Jonathan Martensen <jmartensen@camstex.com>; Mona Johnson <mjohnson@camsesparc.com>
**Subject:** RE: NOD/RFI -- 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plant

**[EXTERNAL EMAIL]** DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe. If you believe you've received this email in error, or believe this is a phishing attempt contact Bluewire Help Desk

Mr. Martensen,
I have not received any updates through STEERS. Can you please resend. Thanks.

---

**From:** Jonathan Martensen <jmartensen@camstex.com>
**Sent:** Tuesday, June 4, 2024 2:34 PM
**To:** Mona Johnson <mjohnson@camsesparc.com>; Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Subject:** FW: NOD/RFI -- 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plant

Mr. Goertz,

The RO has completed the upload of American Rockwool Manufacturing's updated OP-PBRSUP form through STEERS.

I just wanted to verify: While the OP-PBRSUP submitted by the RO through STEERS is certified, do we still need to ensure a copy is submitted to EPA Region 6 and our TCEQ regional office with an original signature OP-CRO1, or do we just send a copy of the document that was submitted in STEERS without an OP-CRO1?

Thank you,

CAMS
Consolidated Asset Management Services

**Jonathan Martensen**
Senior Environmental Associate I
Consolidated Asset Management Services
Office: 713-457-5232 | Cell: 936-524-0819
jmartensen@camstex.com
910 Louisiana St, Ste 2400, Houston, Texas 77002

---

**From:** Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Sent:** Tuesday, May 7, 2024 12:42 PM
**To:** Mona Johnson <mjohnson@camsesparc.com>
**Subject:** NOD/RFI -- 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plant

You don't often get email from richard.goertz@tceq.texas.gov. Learn why this is important

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Ms. Johnson,

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the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

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b. Reference to confidential business information (CBI) in NSR permits and PBR submittals.

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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.**

Additionally, I have conducted an initial review of the above referenced project. Please provide a completed OP-PBRSUP form for the PBRs represented in the application. For your convenience, a copy of the form is attached.

Please submit any revised information at your earliest convenience or no later than: Friday, June 7, 2024.

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

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**Attachments:** 2024-06-03 American Rockwool Permit 1134 Project 35796 Form PBRSUP.pdf

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Thank you for your cooperation.

**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 |
|---|---|---|
| June 3, 2024 | 1134 | RN100215243 |

| Unit ID No. | Registration No. | PBR No. | Registration Date |
|---|---|---|---|
| EPN: 4-26-RRCAR (Mineral Wool Shot Sales Loading Area) | 50933 | 106.261 (version 9/4/2000) | 5/28/2002 |
| EPN: FUG-TEMP | 170909 | 106.263 (version 11/1/2001) | 12/07/2022 |
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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 |
|---|---|---|
| June 3, 2024 | 1134 | RN100215243 |

| Unit ID No. | PBR No. | Version No./Date |
|---|---|---|
| NA- Mobile Equipment | 106.227, Soldering, Brazing, Welding | 3/14/1997 |
| Oil Feed Tote and Process Tank, Diesel Tank | 106.472, Organic and Inorganic Liquid Loading and Unloading | 9/4/2000 |
| Diesel Tank, Gasoline Tank | 106.473, Organic Liquid Loading and Unloading | 9/4/2000 |
| Oil Tote/Tank, Diesel Tank, Gasoline Tank | 106.478, Storage Tank and Change of Service | 9/4/2000 |
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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 |
|---|---|---|
| June 3, 2024 | 1134 | RN100215243 |

| PBR No. | Version No./Date |
|---|---|
| 106.265, Hand-Held / Manually Operated Machines | 9/4/2002 |
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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 |
|---|---|---|
| June 3, 2024 | 1134 | RN100215243 |

| Unit ID No. | PBR No. | Version No./Date Or Registration No. | Monitoring Requirement |
|---|---|---|---|
| EPN: 4-26-RRCAR (Mineral Wool Shot Sales Loading Area) | 106.261 (version 9/4/2000) | Reg. No: 50933 | Record amount of screened shot sold as a product on an annual basis. |
| EPN: FUG-TEMP | 106.263 (version 11/1/2001) | Reg. No: 170909 | Track material usage time and quantity daily: paint products and blast materials |
| NA- Mobile Equipment | 106.227 | Version 9/4/2000 | Track lead in welding materials or ensure products with no lead are used. |
| Annealing Oil Tote (330 gal) Diesel Tank (500 gal) | 106.472 | Version 9/4/2000 | Maintain receipts of purchases to track annual throughput. |
| Diesel Tank (500 gal) Gasoline Tank (500 gal) | 106.473 | Version 9/4/2000 | Maintain receipts of purchases to track annual throughput. |
| Annealing Oil Tote (330 gal) Diesel Tank (500 gal) Gasoline Tank (500 gal) | 106.478 | Version 9/4/2000 | Maintain receipts of purchases to track annual throughput. |
| | | | |
| | | | |
| | | | |

Texas Commission on Environmental Quality
Title V Existing
1134

Site Information (Regulated Entity)

| | |
|---|---|
| What is the name of the permit area to be authorized? | NOLANVILLE PLANT |
| County | BELL |
| Latitude (N) (##.######) | 31.073888 |
| Longitude (W) (-###.######) | 97.575 |
| Primary SIC Code | 3296 |
| Secondary SIC Code | |
| Primary NAICS Code | 327993 |
| Secondary NAICS Code | |

Regulated Entity Site Information

| | |
|---|---|
| What is the Regulated Entity's Number (RN)? | RN100215243 |
| What is the name of the Regulated Entity (RE)? | NOLANVILLE PLANT |
| Does the RE site have a physical address? | Yes |

Physical Address

| | |
|---|---|
| Number and Street | 1 JACK RABBIT RD |
| City | NOLANVILLE |
| State | TX |
| ZIP | 76559 |
| County | BELL |
| Latitude (N) (##.######) | 31.073888 |
| Longitude (W) (-###.######) | -97.575 |
| Facility NAICS Code | |
| What is the primary business of this entity? | ROCK WOOL MANUFACTURING |

Customer (Applicant) Information

| | |
|---|---|
| How is this applicant associated with this site? | Owner Operator |
| What is the applicant's Customer Number (CN)? | CN605129857 |
| Type of Customer | Corporation |

Full legal name of the applicant:

| | |
|---|---|
| Legal Name | American Rockwool Manufacturing, LLC |
| Texas SOS Filing Number | 802382740 |
| Federal Tax ID | |

State Franchise Tax ID 32059491095

State Sales Tax ID

Local Tax ID

DUNS Number

Number of Employees 21-100

Independently Owned and Operated? Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name AMERICAN ROCKWOOL MANUFACTURING LLC

Prefix MR

First TOMAS

Middle

Last MILLER

Suffix

Credentials

Title PLANT FOREMAN

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 3801 LAKE BOONE TRL

Routing (such as Mail Code, Dept., or Attn:) STE 200

City RALEIGH

State NC

ZIP 27607

Phone (###-###-####) 2547355035

Extension

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

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

E-mail tmiller@americanrockwool.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact. MONA JOHNSON(CAMS ESPARC LLC... )

Organization Name CAMS ESPARC LLC

Prefix MS

First MONA

Middle

Last JOHNSON

Suffix PE

Credentials

Title ENVIRONMENTAL AND PERMITTING MANAGER

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 3801 LAKE BOONE TRL

Routing (such as Mail Code, Dept., or Attn:) STE 200

City RALEIGH

State NC

ZIP 27607

Phone (###-###-####) 9197475001

Extension

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

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

E-mail mjohnson@camstex.com

Title V General Information - Existing

1) Permit Type: SOP

2) Permit Latitude Coordinate: 31 Deg 4 Min 26 Sec

3) Permit Longitude Coordinate: 97 Deg 34 Min 30 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. 1134-35796

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)

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 <a href=/ePermitsExternal/faces/file?fileId=200283>OP_PBRSUP_2024-06-03 American Rockwool Permit 1134 Project 35796 Form PBRSUP.docx</a>

Hash E6EDD1D7308D03A63DA527C6153932C742496149BF79F7EEA2EA438EACCBF401

MIME-Type application/vnd.openxmlformats-officedocument.wordprocessingml.document

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 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.

I am Tomas Miller, the owner of the STEERS account ER105845.

I have the authority to sign this data on behalf of the applicant named above.

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.

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.

I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.

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I am knowingly and intentionally signing Title V Existing 1134.

My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Tomas Miller OWNER OPERATOR

Account Number: ER105845

Signature IP Address: 129.222.121.103

Signature Date: 2024-06-18

Signature Hash:
B8969A3D600C212E9468536229C3E3AACFE1B52D132CA14B9F902C4615D47191

Form Hash Code at time of Signature:
7E6E9E6D30F0457D5C38AE620121D11E89CB2F33720F6E9857E0FF3CA2AEE496

Submission

Reference Number: The application reference number is 658503

Submitted by: The application was submitted by ER105845/Tomas Miller

Submitted Timestamp: The application was submitted on 2024-06-18 at 11:04:54 CDT

Submitted From: The application was submitted from IP address 129.222.121.103

Confirmation Number: The confirmation number is 546263

Steers Version: The STEERS version is 6.77

Permit Number: The permit number is 1134

Additional Information

Application Creator: This account was created by Tomas Miller

**From:** Jonathan Martensen <jmartensen@camstex.com>
**Sent:** Friday, June 7, 2024 8:36 AM
**To:** Richard Goertz; Mona Johnson
**Subject:** Re: NOD/RFI -- 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plant

Thank you for the confirmation. We went ahead and sent a PDF copy of just the completed form to each.

---

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d. Accuracy of PBR information provided on the supplemental table and in the permit – please refer to Forms OP-PBRSUP and OP-REQ1 Instructions.

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

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

provided through email or physical mail require certification using an original signature OP-CRO1.

Please notify me when these updates have been submitted.

**As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at R6AirPermitsTX@epa.gov 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.**

Additionally, I have conducted an initial review of the above referenced project. Please provide a completed OP-PBRSUP form for the PBRs represented in the application. For your convenience, a copy of the form is attached.

Please submit any revised information at your earliest convenience or no later than: Friday, June 7, 2024.

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

Thank you for your cooperation.

**From:** Mona Johnson <mjohnson@camsesparc.com>
**Sent:** Tuesday, May 7, 2024 12:03 PM
**To:** Richard Goertz
**Cc:** Jonathan Martensen; Tomas Miller; James M. Deibel - American Rockwool Manufacturing, LLC (jdeibel@americanrockwool.com)
**Subject:** RE: NOD/RFI -- 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plant

Hi Richard –
I am confirming receipt and will be back in touch. We recently submitted a changed in our Responsible Official from James Deibel to Tomas Miller. Do you have access to the paperwork for that or do we need to forward that to you as well?
-Mona

Mona Caesar Johnson
713-540-6821
mjohnson@camsesparc.com

---

**From:** Richard Goertz <Richard.Goertz@tceq.texas.gov>
**Sent:** Tuesday, May 7, 2024 11:42 AM
**To:** Mona Johnson <mjohnson@camsesparc.com>
**Subject:** NOD/RFI -- 1134/Project 35796, American Rockwool Manufacturing, site Nolanville Plant

You don't often get email from richard.goertz@tceq.texas.gov. Learn why this is important

**[EXTERNAL EMAIL]** DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe. If you believe you've received this email in error, or believe this is a phishing attempt contact Bluewire Help Desk

Ms. Johnson,

I wanted to let you know that I have been reassigned to the Federal Operating Permit (FOP) Renewal application of Permit No. O1134 for American Rockwool Manufacturing, Nolanville Plant. This application has been assigned Project No. 35796. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

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

a. NSR permit and PBR monitoring sufficiency –please refer to our periodic monitoring guidance for reference of monitoring that EPA has, so far, considered sufficient.
b. Reference to confidential business information (CBI) in NSR permits and PBR submittals.

c. High level terms in the SOP Applicable Requirement Summary Table. The high level terms are sometimes used in SOPs when unit attribute forms have not yet been updated due to regulatory amendments.
d. Accuracy of PBR information provided on the supplemental table and in the permit – please refer to Forms OP-PBRSUP and OP-REQ1 Instructions.

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

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

Please notify me when these updates have been submitted.

**As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at R6AirPermitsTX@epa.gov 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.**

Additionally, I have conducted an initial review of the above referenced project. Please provide a completed OP-PBRSUP form for the PBRs represented in the application. For your convenience, a copy of the form is attached.

Please submit any revised information at your earliest convenience or no later than: Friday, June 7, 2024.

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

Thank you for your cooperation.

**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) 239-1250or 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: American Rockwool Manufacturing, LLC |
| **B.** | Customer Reference Number (CN): **CN** 605129857 |
| **C.** | Submittal Date *(mm/dd/yyyy):* 10/17/2023 |
| **II.** | **Site Information** |
| **A.** | Site Name: Nolanville Plant |
| **B.** | Regulated Entity Reference Number (RN): **RN** 100215243 |
| **C.** | Indicate affected state(s) required to review permit application: *(Check the appropriate box[es].)* |
| ☐ AR ☐ CO ☐ KS ☐ LA ☐ NM ☐ OK ☒ N/A | |
| **D.** | Indicate all pollutants for which the site is a major source based on the site's potential to emit: *(Check the appropriate box[es].)* |
| ☐ VOC ☐ $NO_X$ ☒ $SO_2$ ☐ $PM_{10}$ ☒ CO ☐ Pb ☒ HAPS | |
| Other: TRS | |
| **E.** | Is the site a non-major source subject to the Federal Operating Permit Program? ☐ YES ☒ NO |
| **F.** | Is the site within a local program area jurisdiction? ☐ YES ☒ NO |
| **G.** | Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? ☐ YES ☒ NO |
| **H.** | Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: |
| **III.** | **Permit Type** |
| **A.** | Type of Permit Requested: *(Select only one response )* |
| ☒ Site Operating Permit (SOP) ☐ Temporary Operating Permit (TOP) ☐ General Operating Permit (GOP) | |

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

| | | |
|---|---|---|
| **IV.** | **Initial Application Information** *(Complete for Initial Issuance Applications Only.)* | |
| **A.** | Is this submittal an abbreviated or a full application? | ☐ Abbreviated ☐ Full |
| **B.** | If this is a full application, is the submittal a follow-up to an abbreviated application? | ☐ YES ☐ NO |
| **C.** | If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? | ☐ YES ☐ NO |
| **D.** | Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) | ☐ YES ☐ NO |
| **V.** | **Confidential Information** | |
| **A.** | Is confidential information submitted in conjunction with this application? | ☐ YES ☑ NO |
| **VI.** | **Responsible Official (RO) Identifying Information** | |
| RO Name Prefix: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) | | |
| RO Full Name: James Deibel | | |
| RO Title: Manager | | |
| Employer Name: American Rockwool Manufacturing, LLC | | |
| Mailing Address: 7250 Dallas Parkway, Ste. 400 | | |
| City: Plano | | |
| State: Texas | | |
| ZIP Code: 75024 | | |
| Territory: | | |
| Country: | | |
| Foreign Postal Code: | | |
| Internal Mail Code: | | |
| Telephone No.: (972) 468-9091 | | |
| Fax No.: 972-468-9086 | | |
| Email: jdeibel@americanrockwool.com | | |

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

| **VII. Technical Contact Identifying Information** *(Complete if different from RO.)* | |
|---|---|
| Technical Contact Name Prefix: (☐ Mr. ☒ Mrs. ☐ Ms. ☐ Dr.) | |
| Technical Contact Full Name: Mona Johnson, P.E. | |
| Technical Contact Title: Principal | |
| Employer Name: CAMS eSPARC, LLC | |
| Mailing Address: 3801 Lake Boone Trail, Ste. 200 | |
| City: Raleigh | |
| State: North Carolina | |
| ZIP Code: 77002 | |
| Territory: | |
| Country: | |
| Foreign Postal Code: | |
| Internal Mail Code: | |
| Telephone No.: (919) 747-5001 | |
| Fax No.: | |
| Email: mjohnson@camstex.com | |
| **VIII. Reference Only Requirements** *(For reference only.)* | |
| **A.** State Senator: Pete Flores | |
| **B.** State Representative: Hugh Shine | |
| **C.** Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? | ☒ YES ☐ NO ☐ N/A |
| **D.** Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? | ☒ YES ☐ NO |
| **E.** Indicate the alternate language(s) in which public notice is required: Spanish | |

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

| | |
|---|---|
| **IX.** | **Off-Site Permit Request**<br>*(Optional for applicants requesting to hold the FOP and records at an off-site location.)* |
| **A.** | Office/Facility Name: |
| **B.** | Physical Address: |
| City: | |
| State: | |
| ZIP Code: | |
| Territory: | |
| Country: | |
| Foreign Postal Code: | |
| **C.** | Physical Location: |
| | |
| | |
| | |
| **D.** | Contact Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) |
| Contact Full Name: | |
| **E.** | Telephone No.: |
| **X.** | **Application Area Information** |
| **A.** | Area Name: Nolanville Plant |
| **B.** | Physical Address: 440 Jackrabbit Flat Rd |
| City: | Nolanville |
| State: | Texas |
| ZIP Code: | 76559 |
| **C.** | Physical Location: |
| | |
| | |
| | |
| **D.** | Nearest City: |
| **E.** | State: |
| **F.** | ZIP Code: |

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

| | |
|---|---|
| **X.** | **Application Area Information** ***(continued)*** |
| **G.** | Latitude (nearest second): 31.0755555 |
| **H.** | Longitude (nearest second): -97.57141666 |
| **I.** | Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? ☐ YES ☒ NO |
| **J.** | Indicate the estimated number of emission units in the application area: 15 |
| **K.** | Are there any emission units in the application area subject to the Acid Rain Program? ☐ YES ☒ NO |
| **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: Nolanville City Hall |
| **B.** | Physical Address: 100 N. Main |
| City: | Nolanville |
| ZIP Code: | 76559 |
| **C.** | Contact Person (Someone who will answer questions from the public during the public notice period): |
| Contact Name Prefix: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.): | |
| Contact Person Full Name: | James Deibel |
| Contact Mailing Address: | 7250 Dallas Parkway, Ste. 400 |
| City: | Plano |
| State: | Texas |
| ZIP Code: | 75024 |
| Territory: | |
| Country: | |
| Foreign Postal Code: | |
| Internal Mail Code: | |
| Telephone No.: | 972-468-9091 |

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

| **XII. Delinquent Fees and Penalties** |
|---|
| **Notice:** This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol." |
| **Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.** |
| **XIII. Designated Representative (DR) Identifying Information** |
| DR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) |
| DR Full Name: |
| DR Title: |
| Employer Name: |
| Mailing Address: |
| City: |
| State: |
| ZIP Code: |
| Territory: |
| Country: |
| Foreign Postal Code: |
| Internal Mail Code: |
| Telephone No.: |
| Fax No.: |
| Email: |

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

| **Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.** |
|---|
| **XIV. Alternate Designated Representative (ADR) Identifying Information** |
| ADR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) |
| ADR Full Name: |
| ADR Title: |
| Employer Name: |
| Mailing Address: |
| City: |
| State: |
| ZIP Code: |
| Territory: |
| Country: |
| Foreign Postal Code: |
| Internal Mail Code: |
| Telephone No.: |
| Fax No.: |
| Email: |

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

| Date | Permit No.: | Regulated Entity No. |
|---|---|---|
| 10/17/2023 | O-1134 | RN10021524 |

| Unit ID No. | SOP/GOP Index No. | Chapter 115 Facility Type | Alternate Control Requirement (ACR) | ACR ID No. | Product Transferred | Transfer Type | True Vapor Pressure | Daily Through-put | Control Options |
|---|---|---|---|---|---|---|---|---|---|
| UNLOAD | 115-0001 | OTHER | NONE | | VOC3 | UNLOAD | | | |
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**Storage Tank/Vessel Attributes**
**Form OP-UA3 (Page 1)**
**Federal Operating Permit Program**
**Table 1: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**
**Subpart K: Standards of Performance for Storage Vessels for Petroleum Liquids**
**Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 10/17/2023 | O-1134 | RN100215243 |

| Unit ID No. | SOP/GOP Index No. | Construction/ Modification Date | Storage Capacity | Product Stored | True Vapor Pressure | Storage Vessel Description | Reid Vapor Pressure | Maximum TVP | Estimated TVP | Control Device ID No. |
|---|---|---|---|---|---|---|---|---|---|---|
| GRPOILTANK | 60KB-00397 | VOL | 10K- | | | | | | | |
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**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**
**Form OP-UA15 (Page 1)**
**Federal Operating Permit Program**
**Table 1a: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)**
**Subchapter A: Visible Emissions**
**Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 10/17/2023 | O-1134 | RN100215243 |

| Emission Point ID No. | SOP/GOP Index No. | Alternate Opacity Limitation | AOL ID No. | Vent Source | Opacity Monitoring System | Construction Date | Effluent Flow Rate |
|---|---|---|---|---|---|---|---|
| SCRUBBER | 111-VENT00020 | NO | | OTHER | NONE | 72+ | 100+ |
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**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

| | |
|---|---|
| Date: | 10/17/2023 |
| Permit No.: | O1134 |
| RN No.: | RN100215243 |

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

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 1*** | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter** | | |
| | **A.** | **Visible Emissions** | |
| ♦ | 1. | The application area includes stationary vents constructed on or before January 31, 1972. | ☐YES ☒NO |
| ♦ | 2. | The application area includes stationary vents constructed after January 31, 1972.<br>*If the responses to Questions I.A.1 and I.A.2 are both "NO," go to Question I.A.6.*<br>*If the response to Question I.A.1 is "NO" and the response to Question I.A.2 is "YES," go to Question I.A.4.* | ☒YES ☐NO |
| ♦ | 3. | The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972. | ☐YES ☐NO |
| ♦ | 4. | All stationary vents are addressed on a unit specific basis. | ☐YES ☒NO |
| ♦ | 5. | Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area. | ☒YES ☐NO |
| ♦ | 6. | The application area includes structures subject to 30 TAC § 111.111(a)(7)(A). | ☒YES ☐NO |
| ♦ | 7. | The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A). | ☒YES ☐NO |
| ♦ | 8. | Emissions from units in the application area include contributions from uncombined water. | ☒YES ☐NO |
| ♦ | 9. | The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c). | ☐YES ☒NO ☐N/A |

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

| | |
|---|---|
| Date: | 10/17/2023 |
| Permit No.: | O1134 |
| RN No.: | RN100215243 |

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

| | | | | |
|---|---|---|---|---|
| ***Form OP-REQ1: Page 2*** | | | | |
| **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 determines applicability of any of these requirements based on geographical location. | | |
| ♦ | | a. | The application area is located within the City of El Paso. | ☐YES ☒NO |
| ♦ | | b. | The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141. | ☐YES ☒NO |
| ♦ | | c. | The application area is located in the portion of Harris County inside the loop formed by Beltway 8. | ☐YES ☒NO |
| ♦ | | d. | The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988. | ☐YES ☒NO |
| | | *If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO," go to Section I.C.* | | |
| | 2. | Items a - d determine the specific applicability of these requirements. | | |
| ♦ | | a. | The application area is subject to 30 TAC § 111.143. | ☐YES ☐NO |
| ♦ | | b. | The application area is subject to 30 TAC § 111.145. | ☐YES ☐NO |
| ♦ | | c. | The application area is subject to 30 TAC § 111.147. | ☐YES ☐NO |
| ♦ | | d. | The application area is subject to 30 TAC § 111.149. | ☐YES ☐NO |
| | **C.** | **Emissions Limits on Nonagricultural Processes** | | |
| ♦ | 1. | The application area includes a nonagricultural process subject to 30 TAC § 111.151. | | ☒YES ☐NO |
| | 2. | The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements.<br>*If the response to Question I.C.2 is "NO," go to Question I.C.4.* | | ☐YES ☒NO |
| | 3. | All vents from nonagricultural process in the application area are subject to additional monitoring requirements. | | ☐YES ☐NO |

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

| | |
|---|---|
| Date: | 10/17/2023 |
| Permit No.: | O1134 |
| RN No.: | RN100215243 |

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

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 3*** | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)** | | |
| | **C.** | **Emissions Limits on Nonagricultural Processes (continued)** | |
| | 4. | The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c). | ☐YES ☒NO |
| | 5. | The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements.<br>*If the response to Question I.C.5 is "NO," go to Question I.C.7.* | ☐YES ☒NO |
| | 6. | All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements. | ☐YES ☐NO |
| | 7. | The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b). | ☐YES ☒NO |
| | 8. | The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements.<br>*If the response to Question I.C.8 is "NO," go to Section I.D.* | ☐YES ☒NO |
| | 9. | All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements. | ☐YES ☐NO |
| | **D.** | **Emissions Limits on Agricultural Processes** | |
| | 1. | The application area includes agricultural processes subject to 30 TAC § 111.171. | ☐YES ☒NO |
| | **E.** | **Outdoor Burning** | |
| ♦ | 1. | Outdoor burning is conducted in the application area.<br>*If the response to Question I.E.1 is "NO," go to Section II.* | ☐YES ☒NO |
| ♦ | 2. | Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205. | ☐YES ☐NO |
| ♦ | 3. | Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207. | ☐YES ☐NO |
| ♦ | 4. | Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209. | ☐YES ☐NO |

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

| | |
|---|---|
| Date: | 10/17/2023 |
| Permit No.: | O1134 |
| RN No.: | RN100215243 |

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

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 4*** | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)** | | |
| | **E.** | **Outdoor Burning (continued)** | |
| ♦ | 5. | Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211. | ☐YES ☐NO |
| ♦ | 6. | Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213. | ☐YES ☐NO |
| ♦ | 7. | The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215. | ☐YES ☐NO |
| **II.** | **Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds** | | |
| | **A.** | **Temporary Fuel Shortage Plan Requirements** | |
| | 1. | The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18. | ☒YES ☐NO |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10.<br>*See instructions for inclusive counties. If the response to Question III.A.1 is "NO," go to Section IV.* | ☒YES ☐NO |
| | **B.** | **Storage of Volatile Organic Compounds** | |
| ♦ | 1. | The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere. | ☐YES ☒NO |

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| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **C.** | **Industrial Wastewater** | |
| | 1. | The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140.<br>*If the response to Question III.C.1 is "NO" or "N/A," go to Section III.D.* | ☐YES ☐NO ☒N/A |
| | 2. | The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area.<br>*If the response to Question III.C.2 is "YES" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.* | ☐YES ☐NO |
| | 3. | The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater).<br>*If the response to Question III.C.3 is "YES," go to Section III.D.* | ☐YES ☐NO |
| | 4. | The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons).<br>*If the response to Question III.C.4 is "YES," go to Section III.D.* | ☐YES ☐NO |
| | 5. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1). | ☐YES ☐NO |
| | 6. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2). | ☐YES ☐NO |
| | 7. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4). | ☐YES ☐NO |
| | **D.** | **Loading and Unloading of VOCs** | |
| ♦ | 1. | The application area includes VOC loading operations. | ☐YES ☒NO |
| ♦ | 2. | The application area includes VOC transport vessel unloading operations.<br>*For GOP applications, if the responses to Questions III.D.1 - D.2 are "NO," go to Section III.E.* | ☐YES ☒NO |

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| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | | |
| | **D.** | **Loading and Unloading of VOCs (continued)** | | |
| ♦ | | 3. | Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area. | ☐YES ☒NO |
| | **E.** | **Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities** | | |
| ♦ | | 1. | The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container.<br>*If the response to Question III.E.1 is "NO," go to Section III.F.* | ☐YES ☒NO |
| ♦ | | 2. | Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area. | ☐YES ☐NO |
| ♦ | | 3. | All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent.<br>*If the response to Question III.E.2 and/or E.3 is "YES," go to Section III.F.* | ☐YES ☐NO |
| ♦ | | 4. | The application area is located in a covered attainment county as defined in 30 TAC § 115.10.<br>*If the response to Question III.E.4 is "NO," go to Question III.E.9.* | ☐YES ☐NO |
| ♦ | | 5. | Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility. | ☐YES ☐NO |
| ♦ | | 6. | Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility. | ☐YES ☐NO |
| ♦ | | 7. | At facilities located in covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014.<br>*If the response to Question III.E.7 is "YES." go to Section III.F.* | ☐YES ☐NO |

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

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

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

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| ***Form OP-REQ1: Page 10*** | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **K.** | **Cutback Asphalt** | |
| | 1. | Conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots, is used or specified for use in the application area by a state, municipal, or county agency.<br>*If the response to Question III.K.1 is "N/A," go to Section III.L.* | ☐YES ☐NO ☒N/A |
| | 2. | The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area. | ☐YES ☐NO ☐N/A |
| | 3. | Asphalt emulsion is used or produced within the application area. | ☐YES ☐NO |
| | 4. | The application area is using an alternate control requirement as specified in 30 TAC § 115.513.<br>*If the response to Question III.K.4 is "NO," go to Section III.L.* | ☐YES ☐NO |
| | 5. | The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1). | ☐YES ☐NO |
| | 6. | The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat. | ☐YES ☐NO |
| | 7. | The applicant using cutback asphalt is a state, municipal, or county agency. | ☐YES ☐NO |
| | **L.** | **Degassing of Storage Tanks, Transport Vessels and Marine Vessels** | |
| ♦ | 1. | The application area includes degassing operations for stationary, marine, and/or transport vessels.<br>*If the response to Question III.L.1 is "NO" or "N/A," go to Section III.M.* | ☐YES ☐NO ☒N/A |
| ♦ | 2. | Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area.<br>*If the response to Question III.L.2 is "YES," go to Section III.M.* | ☐YES ☐NO ☐N/A |

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| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **L.** | **Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)** | |
| ♦ | 3. | Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 4. | Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 5. | Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO |
| ♦ | 6. | Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 7. | Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure ≥ 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area. | ☐YES ☐NO ☐N/A |
| | **M.** | **Petroleum Dry Cleaning Systems** | |
| | 1. | The application area contains one or more petroleum dry cleaning facilities that use petroleum based solvents. | ☐YES ☐NO ☒N/A |

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| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| **N.** | **Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC)** | | |
| 1. | The application area includes one or more vent gas streams containing HRVOC. | ☐YES ☐NO ☒N/A | |
| 2. | The application area includes one or more flares that emit or have the potential to emit HRVOC.<br>*If the responses to Questions III.N.1 and III.N.2 are both "NO" or "N/A," go to Section III.O. If the response to Question III.N.1 is "YES," continue with Question III.N.3.* | ☐YES ☐NO ☒N/A | |
| 3. | All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times. | ☐YES ☐NO | |
| 4. | All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times.<br>*If the responses to Questions III.N.3 and III.N.4 are both "NO," go to Section III.O.* | ☐YES ☐NO | |
| 5. | The application area contains pressure relief valves that are not controlled by a flare. | ☐YES ☐NO | |
| 6. | The application area has at least one vent stream which has no potential to emit HRVOC. | ☐YES ☐NO | |
| 7. | The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H). | ☐YES ☐NO | |
| **O.** | **Cooling Tower Heat Exchange Systems (HRVOC)** | | |
| 1. | The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC. | ☐YES ☐NO ☒N/A | |

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

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

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| **IV.** | **Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)** | | |
| | **F.** | **Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)** | |
| ♦ | 4. | The application area is located in the Dallas/Fort Worth Eight-Hour area (except for Wise County) and has units that qualify for an exemption under 30 TAC § 117.2103. | ☐YES ☐NO |
| ♦ | 5. | The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110. | ☐YES ☐NO |
| | 6. | The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC § 117.2025 or 30 TAC § 117.2125. *If the response to Question IV.F.6 is "NO," go to Section IV.G.* | ☐YES ☐NO |
| | 7. | An ACSS for carbon monoxide (CO) has been approved? | ☐YES ☐NO |
| | 8. | An ACSS for ammonia ($NH_3$) has been approved? | ☐YES ☐NO |
| | 9. | Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below. | |
| | **G.** | **Utility Electric Generation in East and Central Texas** | |
| | 1. | The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995. *If the response to Question IV.G.1 is "NO," go to Question IV.H.1.* | ☐YES ☐NO |
| | 2. | The application area is complying with the System Cap in 30 TAC § 117.3020. | ☐YES ☐NO |
| | **H.** | **Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters** | |
| | 1. | The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less. *If the response to question IV.H.1 is "NO," go to Section V.* | ☐YES ☒NO |
| | 2. | All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203. | ☐YES ☐NO |

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

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

| | | |
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| 1. | The application area manufactures automobile refinish coatings or coating components and sells or distributes these coatings or coating components in the United States. | ☐YES ☒NO |
| 2. | The application area imports automobile refinish coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States.<br>*If the responses to Questions V.A.1 and V.A.2 are both "NO," go to Section V.B.* | ☐YES ☒NO |
| 3. | All automobile refinish coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6). | ☐YES ☐NO |

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

| | | |
|---|---|---|
| 1. | The application area manufactures consumer products for sale or distribution in the United States. | ☐YES ☒NO |
| 2. | The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States. | ☐YES ☒NO |
| 3. | The application area is a distributor of consumer products whose name appears on the label of one or more of the products.<br>*If the responses to Questions V.B.1 - V.B.3 are all "NO," go to Section V.C.* | ☐YES ☒NO |
| 4. | All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7). | ☐YES ☐NO |

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

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**Federal Operating Permit Program**

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

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| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **C.** | **Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)** | |
| ♦ | 5. | One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides. | ☐YES ☐NO |
| | **D.** | **Subpart XX - Standards of Performance for Bulk Gasoline Terminals** | |
| | 1. | The application area includes bulk gasoline terminal loading racks.<br>*If the response to Question VI.D.1 is "NO," go to Section VI.E.* | ☐YES ☐NO ☐N/A |
| | 2. | One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC. | ☐YES ☐NO |
| | **E.** | **Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide ($SO_2$) Emissions** | |
| ♦ | 1. | The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore).<br>*For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.* | ☐YES ☐NO |
| ♦ | 2. | The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011.<br>*For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.H.* | ☐YES ☐NO |
| ♦ | 3. | The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD.<br>*For SOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.H.* | ☐YES ☐NO |

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| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **E.** | **Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide ($SO_2$) Emissions (continued)** | |
| ♦ | 4. | Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD.<br>*For SOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.H.* | ☐YES ☐NO |
| ♦ | 5. | Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below. | |
| | **F.** | **Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants** | |
| | 1. | The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant.<br>*If the response to Question VI.F.1 is "NO," go to Section VI.G.* | ☐YES ☐NO |
| | 2. | Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO. | ☐YES ☐NO |
| | **G.** | **Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems** | |
| | 1. | The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987.<br>*If the response to Question VI.G.1 is "NO," go to Section VI.H.* | ☐YES ☐NO |
| | 2. | The application area includes storm water sewer systems. | ☐YES ☐NO |

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| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **G.** | **Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)** | |
| | 3. | The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater. | ☐YES ☐NO |
| | 4. | The application area includes non-contact cooling water systems. | ☐YES ☐NO |
| | 5. | The application area includes individual drain systems.<br>*If the response to Question VI.G.5 is "NO," go to Section VI.H.* | ☐YES ☐NO |
| | 6. | The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d). | ☐YES ☐NO |
| | 7. | The application area includes completely closed drain systems. | ☐YES ☐NO |
| | **H.** | **Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004** | |
| ♦ | 1. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator.<br>*If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "NO," go to Question VI.H.4.* | ☐YES ☐NO ☐N/A |
| ♦ | 2. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. | ☐YES ☐NO |
| ♦ | 3. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one air curtain incinerator.<br>*If the response to Question VI.H.4 is "NO," go to Section VI.I.* | ☐YES ☐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.<br>*If the response to Question VI.H.5 is "NO," go to Question VI.H.7.* | ☐YES ☐NO |
| ♦ | 6. | All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste. | ☐YES ☐NO |
| ♦ | 7. | The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006. | ☐YES ☐NO |
| ♦ | 8. | All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste. | ☐YES ☐NO |
| | **I.** | **Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001** | |
| ♦ | 1. | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator.<br>*If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "NO," go to Question VI.I.4.* | ☐YES ☐NO ☐N/A |
| ♦ | 2. | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001. | ☐YES ☐NO |

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

**I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)**

| | | | |
|---|---|---|---|
| ♦ | 3. | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one air curtain incinerator.<br>*If the response to Question VI.I.4 is "NO," go to Section VI.J.* | ☐YES ☐NO |
| ♦ | 5. | The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.<br>*If the response to Question VI.I.5 is "NO," go to VI.I.7.* | ☐YES ☐NO |
| ♦ | 6. | All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |
| ♦ | 7. | The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001. | ☐YES ☐NO |
| ♦ | 8. | All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |

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**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.<br>*If the response to Question VI.J.1 is "N/A," go to Section VI.K. If the response to Question VI.J.1 is "NO," go to Question VI.J.4.* | ☐YES ☐NO ☐N/A |
| ♦ | 2. | The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006. | ☐YES ☐NO |
| ♦ | 3. | The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one air curtain incinerator.<br>*If the response to Question VI.J.4 is "NO," go to Section VI.K.* | ☐YES ☐NO |
| ♦ | 5. | The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.<br>*If the response to Question VI.J.5 is "NO," go to Question VI.J.7.* | ☐YES ☐NO |
| ♦ | 6. | All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |
| ♦ | 7. | The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006. | ☐YES ☐NO |

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

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

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

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

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| ***Form OP-REQ1: Page 29*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **E.** | **Subpart M - National Emission Standard for Asbestos (continued)** | |
| | ***Fabricating Commercial Asbestos* (continued)** | |
| | f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles. | YES ☐NO |
| | g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals. | YES ☐NO |
| | ***Non-sprayed Asbestos Insulation*** | |
| | 6. The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying. | YES ☐NO |
| | ***Asbestos Conversion*** | |
| | 7. The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material. | ☐YES ☐NO |
| **F.** | **Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities** | |
| | 1. The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process. | ☐YES ☐NO |
| **G.** | **Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations** | |
| | 1. The application area is located at a benzene production facility and/or bulk terminal.<br>*If the response to Question VII.G.1 is "NO," go to Section VII.H.* | ☐YES ☐NO |
| | 2. The application area includes benzene transfer operations at marine vessel loading racks. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 30*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **G.** | **Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)** | |
| 3. | The application area includes benzene transfer operations at railcar loading racks. | ☐YES ☐NO |
| 4. | The application area includes benzene transfer operations at tank-truck loading racks. | ☐YES ☐NO |
| **H.** | **Subpart FF - National Emission Standard for Benzene Waste Operations** | |
| | ***Applicability*** | |
| 1. | The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341. | ☐YES ☐NO |
| 2. | The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b).<br>*If the responses to Questions VII.H.1 and VII.H.2 are both "NO," go to Section VIII.* | ☐YES ☐NO |
| 3. | The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates.<br>*If the response to Question VII.H.3 is "YES," go to Section VIII.* | ☐YES ☐NO |
| 4. | The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagram per year (Mg/yr).<br>*If the response to Question VII.H.4 is "YES," go to Section VIII* | ☐YES ☐NO |
| 5. | The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr.<br>*If the response to Question VII.H.5 is "YES," go to Section VIII.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 31*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)** | | |
| | ***Applicability* (continued)** | |
| 6. | The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation. | ☐YES ☐NO |
| 7. | The application area has waste streams with flow-weighted annual average water content of 10% or greater. | ☐YES ☐NO |
| | ***Waste Stream Exemptions*** | |
| 8. | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw). | ☐YES ☐NO |
| 9. | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr. | ☐YES ☐NO |
| 10. | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr. | ☐YES ☐NO |
| 11. | The application area transfers waste off-site for treatment by another facility. | ☐YES ☐NO |
| 12. | The application area is complying with 40 CFR § 61.342(d). | ☐YES ☐NO |
| 13. | The application area is complying with 40 CFR § 61.342(e).<br>*If the response to Question VII.H.13 is "NO," go to Question VII.H.15.* | ☐YES ☐NO |
| 14. | The application area has facility waste with a flow weighted annual average water content of less than 10%. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 32*** | | |
| **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.<br>*If the response to Question VII.H.15 is "NO," go to Question VII.H.18.* | ☐YES ☐NO |
| 16. | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.<br>*If the response to Question VII.H.16 is "YES," go to Question VII.H.18.* | ☐YES ☐NO |
| 17. | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| ***Individual Drain Systems*** | | |
| 18. | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste.<br>*If the response to Question VII.H.18 is "NO," go to Question VII.H.25.* | ☐YES ☐NO |
| 19. | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.<br>*If the response to Question VII.H.19 is "YES," go to Question VII.H.25.* | ☐YES ☐NO |
| 20. | The application area has individual drain systems complying with 40 CFR § 61.346(a).<br>*If the response to Question VII.H.20 is "NO," go to Question VII.H.22.* | ☐YES ☐NO |
| 21. | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 33*** | | | |
| **VII.** | **Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| | **H.** | **Subpart FF - National Emission Standard for Benzene Waste Operations (continued)** | |
| | | ***Individual Drain Systems* (continued)** | |
| | | 22. The application area has individual drain systems complying with 40 CFR § 61.346(b).<br>*If the response to Question VII.H.22 is "NO," go to Question VII.H.25.* | YES ☐NO |
| | | 23. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. | YES ☐NO |
| | | 24. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. | YES ☐NO |
| | | ***Remediation Activities*** | |
| | | 25. Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF. | YES ☐NO |
| **VIII.** | **Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories** | | |
| | **A.** | **Applicability** | |
| ♦ | | 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63.<br>*See instructions for 40 CFR Part 63 subparts made applicable only by reference.* | ☒YES ☐NO |
| | **B.** | **Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry** | |
| | | 1. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a).<br>*If the response to Question VIII.B.1 is "NO," go to Section VIII.D.* | ☒YES ☐NO |

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

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| ***Form OP-REQ1: Page 34*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)** | | |
| 2. | The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii).<br>*If the response to Question VIII.B.2 is "NO," go to Section VIII.D.* | ☐YES ☒NO |
| 3. | The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. | ☐YES ☐NO |
| 4. | The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. | ☐YES ☐NO |
| 5. | The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does not use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.<br>*If the response to Questions VIII.B.3, B.4 and B.5 are all "NO," go to Section VIII.D.* | ☐YES ☐NO |

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

**C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater**

***Applicability***

| | | |
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| 1. | The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F.<br>*If the response to Question VIII.C.1 is "NO," go to Section VIII.D.* | ☐YES ☐NO |
| 2. | The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148. | ☐YES ☐NO |
| 3. | The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148.<br>*If the response to Question VIII.C.3 is "NO," go to Question VIII.C.8.* | ☐YES ☐NO |
| 4. | The application area includes vapor collection systems or closed-vent systems that are constructed of hard-piping. | ☐YES ☐NO |
| 5. | The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere.<br>*If the response to Question VIII.C.5 is "NO," go to Question VIII.C.8.* | ☐YES ☐NO |

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

| | | |
|---|---|---|
| 6. | Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area. | ☐YES ☐NO |
| 7. | Bypass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration. | ☐YES ☐NO |

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

**C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)**

| | | |
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| | ***Reloading or Cleaning of Railcars, Tank Trucks, or Barges*** | |
| 8. | The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank.<br>*If the response to Question VIII.C.8 is "NO," go to Question VIII.C.11.* | ☐YES ☐NO |
| 9. | The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater. | ☐YES ☐NO |
| 10. | The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system. | ☐YES ☐NO |
| | ***Transfer Racks*** | |
| 11. | The application area includes Group 1 transfer racks that load organic HAPs. | ☐YES ☐NO |
| | ***Process Wastewater Streams*** | |
| 12. | The application area includes process wastewater streams.<br>*If the response to Question VIII.C.12 is "NO," go to Question VIII.C.34.* | ☐YES ☐NO |
| 13. | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF.<br>*If the response to Question VIII.C.13 is "NO," go to Question VIII.C.15.* | ☐YES ☐NO |
| 14. | The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii). | ☐YES ☐NO |
| 15. | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F.<br>*If the response to Question VIII.C.15 is "NO," go to Question VIII.C.17.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 37*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)** | | |
| ***Process Wastewater Streams* (continued)** | | |
| 16. | The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii). | ☐YES ☐NO |
| 17. | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272.<br>*If the response to Question VIII.C.17 is "NO," go to Question VIII.C.20.* | ☐YES ☐NO |
| 18. | The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i). | ☐YES ☐NO |
| 19. | The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii). | ☐YES ☐NO |
| 20. | The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds. | ☐YES ☐NO |
| 21. | The application area includes process wastewater streams, located at existing sources that are Group 2. | ☐YES ☐NO |
| 22. | The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds. | ☐YES ☐NO |
| 23. | The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds. | ☐YES ☐NO |

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

**C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)**

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

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

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

**C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)**

***Drains***

| | | |
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| 31. | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.C.31 is "NO," go to Question VIII.C.34.* | ☐YES ☐NO |
| 32. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| 33. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| 34. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b).<br>*If the response to Question VIII.C.34 is "NO," go to Question VIII.C.39.* | ☐YES ☐NO |
| 35. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d).<br>*If the response to Question VIII.C.35 is "NO," go to Question VIII.C.39.* | ☐YES ☐NO |
| 36. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate. | ☐YES ☐NO |

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

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

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| **E.** | **Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities** | |
| 1. | The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials.<br>*If the response to Question VIII.E.1 is "NO," go to Section VIII.F.* | ☐YES ☒NO |
| 2. | Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O.<br>*If the response to Question VIII.E.2 is "NO," go to Section VIII.F.* | ☐YES ☐NO |
| 3. | The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996. | ☐YES ☐NO |
| 4. | The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996. | ☐YES ☐NO |
| **F.** | **Subpart Q - National Emission Standards for Industrial Process Cooling Towers** | |
| 1. | The application area includes industrial process cooling towers.<br>*If the response to Question VIII.F.1 is "NO," go to Section VIII.G.* | ☐YES ☒NO |
| 2. | Chromium-based water treatment chemicals have been used on or after September 8, 1994. | ☐YES ☐NO |
| **G.** | **Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)** | |
| 1. | The application area includes a bulk gasoline terminal. | ☐YES ☒NO |
| 2. | The application area includes a pipeline breakout station.<br>*If the responses to Questions VIII.G.1 and VIII.G.2 are both "NO," go to Section VIII.H.* | ☐YES ☒NO |
| 3. | The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station.<br>*If the response to Question VIII.G.3 is "YES," go to Question VIII.G.10.* | ☐YES ☐NO |

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*For SOP applications, answer ALL questions unless otherwise directed.*
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***Form OP-REQ1: Page 42***

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

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

| | | |
|---|---|---|
| 4. | The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs.<br>*If the response to Question VIII.G.4 is "YES," go to Question VIII.G.10.* | ☐YES ☐NO |
| 5. | An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station.<br>*If the response to Question VIII.G.5 is "NO," go to Question VIII.G.10.* | ☐YES ☐NO |
| 6. | The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep).<br>*If the response to Question VIII.G.6 is "NO," go to Question VIII.G.10.* | ☐YES ☐NO |
| 7. | Emissions screening factor less than 0.5 (ET or EP < 0.5).<br>*If the response to Question VIII.G.7 is "YES," go to Section VIII.H.* | ☐YES ☐NO |
| 8. | Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0).<br>*If the response to Question VIII.G.8 is "YES," go to Section VIII.H.* | ☐YES ☐NO |
| 9. | Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0).<br>*If the response to Question VIII.G.9 is "YES," go to Question VIII.G.11.* | ☐YES ☐NO |
| 10. | The site at which the application area is located is a major source of HAP.<br>*If the response to Question VIII.G.10 is "NO," go to Section VIII.H.* | ☐YES ☐NO |
| 11. | The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f). | ☐YES ☐NO |

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***Form OP-REQ1: Page 43***

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

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

| | | |
|---|---|---|
| 1. | The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2.<br>*If the response to Question VIII.H.1 is "NO," go to Section VIII.I.* | ☐YES ☒NO |
| 2. | The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3).<br>*If the response to Question VIII.H.2 is "NO," go to Section VIII.I.* | ☐YES ☐NO |
| 3. | The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources.<br>*If the response to Question VIII.H.3 is "NO," go to Section VIII.I.* | ☐YES ☐NO |
| 4. | The application area includes one or more kraft pulping systems that are existing sources. | ☐YES ☐NO |
| 5. | The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill. | ☐YES ☐NO |
| 6. | The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24.<br>*If the response to Question VIII.H.6 is "NO," go to Section VIII.I.* | ☐YES ☐NO |
| 7. | The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i). | ☐YES ☐NO |
| 8. | The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii). | ☐YES ☐NO |

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***Form OP-REQ1: Page 44***

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

**I. Subpart T - National Emission Standards for Halogenated Solvent Cleaning**

| | | |
|---|---|---|
| 1. | The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent. | ☐YES ☒NO |
| 2. | The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride. | ☐YES ☒NO |
| 3. | The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride. | ☐YES ☒NO |

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

| | | |
|---|---|---|
| 1. | The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units.<br>*If the response to Question VIII.J.1 is "NO," go to Section VIII.K.* | ☐YES ☒NO |
| 2. | Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U.<br>*If the response to Question VIII.J.2 is "NO," go to Section VIII.K.* | ☐YES ☐NO |
| 3. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482. | ☐YES ☐NO |
| 4. | The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482. | ☐YES ☐NO |

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***Form OP-REQ1: Page 45***

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

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

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

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***Form OP-REQ1: Page 46***

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

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

***Containers***

| | | |
|---|---|---|
| 11. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |

***Drains***

| | | |
|---|---|---|
| 12. | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.J.12 is "NO," go to Question VIII.J.15.* | ☐YES ☐NO |
| 13. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| 14. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| 15. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit.<br>*If the response to Question VIII.J.15 is "NO," go to Section VIII.K.* | ☐YES ☐NO |
| 16. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12).<br>*If the response to Question VIII.J.16 is "NO," go to Section VIII.K.* | ☐YES ☐NO |

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

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

***Drains* (continued)**

| | | |
|---|---|---|
| 17. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate. | ☐YES ☐NO |
| 18. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐YES ☐NO |
| 19. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute. | ☐YES ☐NO |

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

| | | |
|---|---|---|
| 1. | The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area.<br>*If the response to Question VIII.K.1 is "NO" or "N/A," go to Section VIII.L.* | ☐YES ☒NO ☐N/A |
| 2. | The application area includes a BLR and/or WSR research and development facility. | ☐YES ☐NO |

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

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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.<br>*If the response to Question VIII.L.1 is "NO" or "N/A," go to Section VIII.M.* | ☐YES ☒NO ☐N/A |
| 2. | The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources. | ☐YES ☐NO |
| **M.** | **Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations** | |
| 1. | The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561. | ☐YES ☒NO |
| **N.** | **Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries** | |
| | ***Applicability*** | |
| 1. | The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7).<br>*If the response to Question VIII.N.1 is "NO," go to Section VIII.O.* | ☐YES ☒NO |
| 2. | All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7).<br>*If the response to Question VIII.N.2 is "YES," go to Section VIII.O.* | ☐YES ☐NO |

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

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

***Applicability* (continued)**

| | | |
|---|---|---|
| 3. | The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a).<br>*If the response to Question VIII.N.3 is "NO," go to Section VIII.O.* | ☐YES ☐NO |
| 4. | The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC.<br>*If the response to Question VIII.N.4 is "NO," go to Section VIII.O.* | ☐YES ☐NO |
| 5. | The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. | ☐YES ☐NO |
| 6. | The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. | ☐YES ☐NO |
| 7. | The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.<br>*If the response to Question VIII.N.7 is "NO," go to Section VIII.O.* | ☐YES ☐NO |
| 8. | The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i). | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 50*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **N.** | **Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)** | |
| | ***Applicability* (continued)** | |
| 9. | The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii).<br>*If the response to Question VIII.N.9 is "NO," go to Section VIII.O.* | ☐YES ☐NO |
| 10. | The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992. | ☐YES ☐NO |
| | ***Containers, Drains, and other Appurtenances*** | |
| 11. | The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii). | ☐YES ☐NO |
| 12. | The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii). | ☐YES ☐NO |
| **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).<br>*If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P* | ☐YES ☒NO<br>☐N/A |
| 2. | Materials specified in 40 CFR § 63.680(b)(2) are received at the application area. | ☐YES ☐NO |
| 3. | The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265. | ☐YES ☐NO |

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

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

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

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

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

| | | |
|---|---|---|
| 11. | The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater.<br>*If the response to Question VIII.O.11 is "NO," go to Question VIII.O.14.* | ☐YES ☐NO |
| 12. | VOHAP concentration is determined by direct measurement. | ☐YES ☐NO |
| 13. | VOHAP concentration is based on knowledge of the off-site material. | ☐YES ☐NO |
| 14. | The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system.<br>*If the response to Question VIII.O.14 is "NO," go to Question VIII.O.17.* | ☐YES ☐NO |
| 15. | An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight. | ☐YES ☐NO |
| 16. | An equipment component in the application area is intended to operate 300 hours or more during a 12-month period. | ☐YES ☐NO |
| 17. | The application area includes containers that manage non-exempt off-site material. | ☐YES ☐NO |
| 18. | The application area includes individual drain systems that manage non-exempt off-site materials. | ☐YES ☐NO |

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

**P. Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities**

| | | | |
|---|---|---|---|
| | 1. | The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components.<br>*If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.* | ☐YES ☒NO ☐N/A |
| | 2. | The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7). | ☐YES ☐NO |

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

| | | | |
|---|---|---|---|
| ♦ | 1. | The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer. | ☐YES ☒NO |
| ♦ | 2. | The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user.<br>*For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.R.*<br>*For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.Z.* | ☐YES ☒NO |
| ♦ | 3. | The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761.<br>*For SOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.R.*<br>*For GOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.Z.* | ☐YES ☐NO |
| ♦ | 4. | The application area is located at a site that is a major source of HAP.<br>*If the response to Question VIII.Q.4 is "NO," go to Question VIII.Q.6.* | ☐YES ☐NO |

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

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

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

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

| | | | |
|---|---|---|---|
| **R.** | **Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)** | | |
| | 1. | The application area includes shipbuilding or ship repair operations.<br>*If the response to Question VIII.R.1 is "NO," go to Section VIII.S.* | ☐YES ☒NO |
| | 2. | Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II. | ☐YES ☐NO |
| **S.** | **Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations** | | |
| | 1. | The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations.<br>*If the response to Question VIII.S.1 is "NO" or "N/A," go to Section VIII.T.* | ☐YES ☒NO ☐N/A |
| | 2. | The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801. | ☐YES ☐NO |
| **T.** | **Subpart KK - National Emission Standards for the Printing and Publishing Industry** | | |
| | 1. | The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses. | ☐YES ☒NO ☐N/A |
| **U.** | **Subpart PP - National Emission Standards for Containers** | | |
| | 1. | The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions.<br>*If the response to Question VIII.U.1 is "NO," go to Section VIII.V.* | ☐YES ☒NO |
| | 2. | The application area includes containers using Container Level 1 controls. | ☐YES ☐NO |
| | 3. | The application area includes containers using Container Level 2 controls. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 56*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **U.** | **Subpart PP - National Emission Standards for Containers (continued)** | |
| 4. | The application area includes containers using Container Level 3 controls. | ☐YES ☐NO |
| **V.** | **Subpart RR - National Emission Standards for Individual Drain Systems** | |
| 1. | The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions. | ☐YES ☒NO |
| **W.** | **Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards** | |
| 1. | The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process. | ☐YES ☒NO |
| 2. | The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.<br>*If the responses to Questions VIII.W.1 and VIII.W.2 are both "NO," go to Question VIII.W.20.* | ☐YES ☒NO |
| 3. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c). | ☐YES ☐NO |
| 4. | The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c). | ☐YES ☐NO |
| 5. | All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr. | ☐YES ☐NO |
| 6. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.W.6 is "NO," go to Question VIII.W.8.* | ☐YES ☐NO |

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

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

| | | |
|---|---|---|
| 7. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 8. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 9. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.W.8 and W.9 are both "NO," go to Question VIII.W.11.* | ☐YES ☐NO |
| 10. | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| 11. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| 12. | The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.W.12 is "NO," go to Question VIII.W.15.* | ☐YES ☐NO |
| 13. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| 14. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |

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***Form OP-REQ1: Page 58***

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

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

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

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

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| ***Form OP-REQ1: Page 59*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | | |
| 19. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute. | ☐YES ☐NO |
| 20. | The application area includes an ethylene production process unit. | ☐YES ☒NO ☐N/A |
| 21. | The application area includes waste streams generated from an ethylene production process unit.<br>*If the responses to Questions VIII.W.20 and VIII.W.21 are both "NO" or "N/A," go to Question VIII.W.54.* | ☐YES ☒NO ☐N/A |
| 22. | The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1).<br>*If the response to Question VIII.W.22 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 23. | Waste stream(s) are transferred off-site for treatment.<br>*If the response to Question VIII.W.23 is "NO," go to Question VIII.W.25.* | ☐YES ☐NO |
| 24. | The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment.<br>*If the response to Question VIII.W.24 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |

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

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

| | | |
|---|---|---|
| 25. | The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR § 61.342(a). | ☐YES ☐NO |
| 26. | The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b).<br>*If the response to Question VIII.W.26 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 27. | The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control.<br>*If the response to Question VIII.W.27 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 28. | The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s).<br>*If the response to Question VIII.W.28 is "NO," go to Question VIII.W.33.* | ☐YES ☐NO |
| 29. | The application area includes containers that receive, manage, or treat a continuous butadiene waste stream. | ☐YES ☐NO |
| 30. | The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream.<br>*If the response to Question VIII.W.30 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 31. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |

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***Form OP-REQ1: Page 61***

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

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

| | | |
|---|---|---|
| 32. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.<br>*If the response to Question VIII.W.32 is required, go to Question VIII.W.43.* | ☐YES ☐NO |
| 33. | The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream.<br>*If the response to Question VIII.W.33 is "NO," go to Question VIII.W.36.* | ☐YES ☐NO |
| 34. | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.<br>*If the response to Question VIII.W.34 is "YES," go to Question VIII.W.36.* | ☐YES ☐NO |
| 35. | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 36. | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream.<br>*If the response to Question VIII.W.36 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 37. | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.<br>*If the response to Question VIII.W.37 is "YES," go to Question VIII.W.43.* | ☐YES ☐NO |

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

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

| | | |
|---|---|---|
| 38. | The application area has individual drain systems complying with 40 CFR § 61.346(a).<br>*If the response to Question VIII.W.38 is "NO," go to Question VIII.W.40.* | ☐YES ☐NO |
| 39. | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 40. | The application area has individual drain systems complying with 40 CFR § 61.346(b).<br>*If the response to Question VIII.W.40 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 41. | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. | ☐YES ☐NO |
| 42. | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. | ☐YES ☐NO |
| 43. | The application area has at least one waste stream that contains benzene.<br>*If the response to Question VIII.W.43 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 44. | The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene.<br>*If the response to Question VIII.W.44 is "NO," go to Question VIII.W.47.* | ☐YES ☐NO |
| 45. | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.<br>*If the response to Question VIII.W.45 is "YES," go to Question VIII.W.47.* | ☐YES ☐NO |

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

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

| | | |
|---|---|---|
| 46. | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 47. | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene.<br>*If the response to Question VIII.W.47 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 48. | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.<br>*If the response to Question VIII.W.48 is "YES," go to Question VIII.W.54.* | ☐YES ☐NO |
| 49. | The application area has individual drain systems complying with 40 CFR § 61.346(a).<br>*If the response to Question VIII.W.49 is "NO," go to Question VIII.W.51.* | ☐YES ☐NO |
| 50. | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 51. | The application area has individual drain systems complying with 40 CFR § 61.346(b).<br>*If the response to Question VIII.W.51 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 52. | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. | ☐YES ☐NO |

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

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

| | | |
|---|---|---|
| 53. | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. | ☐YES ☐NO |
| 54. | The application area contains a cyanide chemicals manufacturing process.<br>*If the response to Question VIII.W.54 is "NO," go to Section VIII.X.* | ☐YES ☒NO |
| 55. | The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile. | ☐YES ☐NO |

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

| | | |
|---|---|---|
| 1. | The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ.<br>*If the response to Question VIII.X.1 is "NO," go to Section VIII.Y.* | ☐YES ☒NO |
| 2. | The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units.<br>*If the response to Question VIII.X.2 is "NO," go to Section VIII.Y.* | ☐YES ☐NO |
| 3. | All process wastewater streams generated or managed in the application area are from sources producing polystyrene.<br>*If the response to Question VIII.X.3 is "YES," go to Section VIII.Y.* | ☐YES ☐NO |
| 4. | All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN.<br>*If the response to Question VIII.X.4 is "YES," go to Section VIII.Y.* | ☐YES ☐NO |

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

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

| | | |
|---|---|---|
| 5. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312. | ☐YES ☐NO |
| 6. | The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312. | ☐YES ☐NO |
| 7. | The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312. | ☐YES ☐NO |
| 8. | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.X.8 is "YES," go to Question VIII.X.18.* | ☐YES ☐NO |
| 9. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.X.9 is "NO," go to Question VIII.X.11.* | ☐YES ☐NO |
| 10. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 11. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 12. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.X.11 - VIII.X.12 are both "NO," go to Question VIII.X.14.* | ☐YES ☐NO |

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

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

| | | |
|---|---|---|
| 13. | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| | ***Containers*** | |
| 14. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| | ***Drains*** | |
| 15. | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.X.15 is "NO," go to Question VIII.X.18.* | ☐YES ☐NO |
| 16. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| 17. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| 18. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an thermoplastic product process unit.<br>*If the response to Question VIII.X.18 is "NO," go to Section VIII.Y.* | ☐YES ☐NO |

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

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

***Drains* (continued)**

| | | |
|---|---|---|
| 19. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). *If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.* | ☐YES ☐NO |
| 20. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate. | ☐YES ☐NO |
| 21. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐YES ☐NO |
| 22. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute | ☐YES ☐NO |

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

**Y. Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.**

| | | | |
|---|---|---|---|
| | 1. | The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units. | ☐YES ☒NO |

**Z. Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.**

| | | | |
|---|---|---|---|
| ♦ | 1. | The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills. | ☐YES ☒NO |

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

| | | | |
|---|---|---|---|
| | 1. | The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1). | ☐YES ☒NO |
| | 2. | The application area is located at a plant site that is a major source as defined in FCAA § 112(a). | ☒YES ☐NO |
| | 3. | The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP.<br>*If the response to Question VIII.AA.1, AA.2 or AA.3 is "NO," go to Section VIII.BB.* | ☐YES ☒NO |
| | 4. | The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF.<br>*If the response to Question VIII.AA.4 is "NO," go to Section VIII.BB.* | ☐YES ☐NO |

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

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

| | | |
|---|---|---|
| 5. | The application area includes process wastewater streams.<br>*If the response to Question VIII.AA.5 is "NO," go to Question VIII.AA.18.* | ☐YES ☐NO |
| 6. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF. | ☐YES ☐NO |
| 7. | The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF. | ☐YES ☐NO |
| 8. | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.AA.8 is "YES," go to Section VIII.AA.22.* | ☐YES ☐NO |
| 9. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.AA.9 is "NO," go to Question VIII.AA.11.* | ☐YES ☐NO |
| 10. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 11. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 12. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.* | ☐YES ☐NO |

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

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

| | | |
|---|---|---|
| 13. | Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h).<br>*If the response to Question VIII.AA.13 is "NO," go to Question VIII.AA.15.* | ☐YES ☐NO |
| 14. | The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected. | ☐YES ☐NO |
| 15. | Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite.<br>*If the response to Question VIII.AA.15 is "NO," go to Question VIII.AA.17.* | ☐YES ☐NO |
| 16. | The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit. | ☐YES ☐NO |
| 17. | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| 18. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| 19. | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.AA.19 is "NO," go to Question VIII.AA.22.* | ☐YES ☐NO |
| 20. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |

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

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

| | | |
|---|---|---|
| 21. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| 22. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b).<br>*If the response to Question VIII.AA.22 is "NO," go to Section VIII.BB.* | ☐YES ☐NO |
| 23. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d).<br>*If the response to Question VIII.AA.23 is "NO," go to Section VIII.BB.* | ☐YES ☐NO |
| 24. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr. | ☐YES ☐NO |
| 25. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute. | ☐YES ☐NO |
| 26. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy. | ☐YES ☐NO |

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| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)** | | |
| **BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.** | | |
| 1. | The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions. | ☐YES ☒NO |
| **CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation** | | |
| 1. | The application area includes a facility at which a site remediation is conducted. *If the answer to Question VIII.CC.1 is "NO," go to Section VIII.DD.* | ☐YES ☒NO |
| 2. | The application area is located at a site that is a major source of HAP. *If the answer to Question VIII.CC.2 is "NO," go to Section VIII.DD.* | ☐YES ☐NO |
| 3. | All site remediation's qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). *If the answer to Question VIII.CC.3 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |
| 4. | Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. *If the answer to Question VIII.CC.4 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |
| 5. | The site remediation will be completed within 30 consecutive calendar days. | ☐YES ☐NO |
| 6. | No site remediation will exceed 30 consecutive calendar days. *If the answer to Question VIII.CC.6 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |
| 7. | Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. | ☐YES ☐NO |
| 8. | All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. *If the answer to Question VIII.CC.8 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |

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| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)** | | |
| 9. | The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG.<br>*If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14.* | ☐YES ☐NO |
| 10. | The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b). | ☐YES ☐NO |
| 11. | The application area includes containers with a capacity greater than 0.46 $m^3$ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii). | ☐YES ☐NO |
| 12. | The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b). | ☐YES ☐NO |
| 13. | The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b). | ☐YES ☐NO |
| 14. | The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962. | ☐YES ☐NO |
| **DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities** | | |
| 1. | The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions.<br>*If the response to Question VIII.DD.1 is "NO," go to Section VIII.EE.* | ☐YES ☒NO |
| 2. | The EAF steelmaking facility is a research and development facility.<br>*If the response to Question VIII.DD.2 is "YES," go to Section VIII.EE.* | ☐YES ☐NO |
| 3. | Metallic scrap is utilized in the EAF. | ☐YES ☐NO |
| 4. | Scrap containing motor vehicle scrap is utilized in the EAF. | ☐YES ☐NO |
| 5. | Scrap not containing motor vehicle scrap is utilized in the EAF. | ☐YES ☐NO |

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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**

| | | |
|---|---|---|
| 1. | The application area is located at a site that is an area source of HAPs.<br>*If the answer to Question EE.1 is "NO," go to Section VIII.FF.* | ☐YES ☒NO |
| 2. | The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R. | ☐YES ☐NO |
| 3. | The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB. | ☐YES ☐NO |
| 4. | The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB.<br>*If the answer to Question VIII.EE.4 is "NO," go to Question VIII.EE.6.* | ☐YES ☐NO |
| 5. | The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a). | ☐YES ☐NO |
| 6. | The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC.<br>*If the answer to Question VIII.EE.6 is "NO," go to Section VIII.FF.* | ☐YES ☐NO |
| 7. | The bulk gasoline terminal has throughput of less than 250,000 gallons per day.<br>*If the answer to Question VIII.EE.7 is "YES," go to Section VIII.FF.* | ☐YES ☐NO |
| 8. | The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks. | ☐YES ☐NO |
| 9. | The bulk gasoline terminal loads gasoline into railcar cargo tanks.<br>*If the answer to Question VIII.EE.9 is "NO," go to Section VIII.FF.* | ☐YES ☐NO |
| 10. | The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system. | ☐YES ☐NO |

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

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

| | | | |
|---|---|---|---|
| | 11. | The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit. | ☐YES ☐NO |

**FF. Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities**

| | | | |
|---|---|---|---|
| ♦ | 1. | The application area is located at a site that is an area source of hazardous air pollutants.<br>*If the answer to Question VIII.FF.1 is "NO," go to Section VIII.GG.* | ☐YES ☒NO |
| ♦ | 2. | The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132.<br>*If the answer to Question VIII.FF.2 is "NO," go to Section VIII.GG.* | ☐YES ☐NO |
| ♦ | 3. | The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment. | ☐YES ☐NO |

**GG. Recently Promulgated 40 CFR Part 63 Subparts**

| | | | |
|---|---|---|---|
| ♦ | 1. | The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form.<br>*If the response to Question VIII.GG.1 is "NO," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.* | ☒YES ☐NO |
| ♦ | 2. | Provide the Subpart designation (i.e. Subpart EEE) in the space provided below. | |

Subpart DDD

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

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

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

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

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

| | |
|---|---|
| Date: | 10/17/2023 |
| Permit No.: | O1134 |
| RN No.: | RN100215243 |

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

| ***Form OP-REQ1: Page 80*** | | |
|---|---|---|
| **XI. Miscellaneous (continued)** | | |
| **G. 40 CFR Part 97, Subpart FFFFF - Texas $SO_2$ Trading Program** | | |
| 1. | The application area includes emission units complying with the requirements of the Texas $SO_2$ Trading Program.<br>*If the response to Question XI.G.1 is "NO," go to Question XI.G.6.* | ☐YES ☒NO |
| 2. | The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for $SO_2$ and 40 CFR Part 75, Subpart H for heat input. | ☐YES ☐NO |
| 3. | The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for $SO_2$ and heat input. | ☐YES ☐NO |
| 4. | The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for $SO_2$ and heat input. | ☐YES ☐NO |
| 5. | The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for $SO_2$ and heat input. | ☐YES ☐NO |
| 6. | The application area includes emission units that qualify for the Texas $SO_2$ Trading Program retired unit exemption. | ☐YES ☒NO |
| **H. Permit Shield (SOP Applicants Only)** | | |
| 1. | A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit. | ☒YES ☐NO |

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

| | |
|---|---|
| Date: | 10/17/2023 |
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| RN No.: | RN100215243 |

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

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 81*** | | | |
| **XI.** | **Miscellaneous (continued)** | | |
| | **I.** | **GOP Type (Complete this section for GOP applications only)** | |
| ♦ | 1. | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, Waller, and Wise Counties. | ☐YES ☐NO |
| ♦ | 2. | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties. | ☐YES ☐NO |
| ♦ | 3. | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties. | ☐YES ☐NO |
| ♦ | 4. | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County. | ☐YES ☐NO |
| ♦ | 5. | The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit. | ☐YES ☐NO |
| | **J.** | **Title 30 TAC Chapter 101, Subchapter H** | |
| ♦ | 1. | The application area is located in a nonattainment area.<br>*If the response to Question XI.J.1 is "NO," go to question XI.J.3.* | ☐YES ☒NO |
| ♦ | 2. | The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program. | ☐YES ☐NO ☐N/A |
| ♦ | 3. | The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program. | ☐YES ☒NO ☐N/A |

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

| | |
|---|---|
| Date: | 10/17/2023 |
| Permit No.: | O1134 |
| RN No.: | RN100215243 |

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

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 82*** | | | |
| **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 $NO_X$. | ☐YES ☒NO |
| ♦ | 5. | The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I. | ☐YES ☒NO |
| ♦ | 6. | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2. | ☐YES ☒NO |
| ♦ | 7. | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program. | ☐YES ☒NO |
| | **K.** | **Periodic Monitoring** | |
| ♦ | 1. | The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application. | ☐YES ☒NO |
| ♦ | 2. | The permit currently contains at least one periodic monitoring requirement. *If the responses to Questions XI.K.1 and XI.K.2 are both "NO," go to Section XI.L.* | ☒YES ☐NO |
| ♦ | 3. | All periodic monitoring requirements are being removed from the permit with this application. | ☐YES ☒NO |

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

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

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 83*** | | | |
| **XI.** | **Miscellaneous (continued)** | | |
| | **L.** | **Compliance Assurance Monitoring** | |
| ♦ | 1. | The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source.<br>*If the response to Question XI.L.1 is "NO," go to Section XI.M.* | ☒YES ☐NO |
| ♦ | 2. | The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement.<br>*If the response to Question XI.L.2 is "NO," go to Section XI.M.* | ☒YES ☐NO |
| ♦ | 3. | The permit holder has submitted a CAM proposal on Form OP-MON in a previous application. | ☒YES ☐NO |
| ♦ | 4. | The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application.<br>*If the responses to Questions XI.L.3 and XI.L.4 are both "NO," go to Section XI.M.* | ☐YES ☒NO |
| | 5. | The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit. | ☐YES ☒NO |
| | 6. | Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below. | |
| ♦ | 7. | At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). | ☐YES ☒NO |
| ♦ | 8. | All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).<br>*If the response to Question XI.L.8 is "YES," go to Section XI.M.* | ☐YES ☒NO |

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

| | |
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| Date: | 10/17/2023 |
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*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

| | | | | |
|---|---|---|---|---|
| ***Form OP-REQ1: Page 84*** | | | | |
| **XI.** | **Miscellaneous (continued)** | | | |
| | **L.** | **Compliance Assurance Monitoring (continued)** | | |
| ♦ | 9. | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1. | ☒YES | ☐NO |
| ♦ | 10. | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1. | ☐YES | ☒NO |
| ♦ | 11. | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1. | ☐YES | ☒NO |
| ♦ | 12. | The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass. | ☐YES | ☒NO |
| | **M.** | **Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times** | | |
| ♦ | 1. | The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004.<br>*If the response to Question XI.M.1 is "NO," or "N/A," go to Section XII.* | ☐YES | ☒NO<br>☐N/A |
| ♦ | 2. | All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES | ☐NO |
| **XII.** | **New Source Review (NSR) Authorizations** | | | |
| | **A.** | **Waste Permits with Air Addendum** | | |
| ♦ | 1. | The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum.<br>*If the response to XII.A.1 is "YES," include the waste permit numbers and issuance date in Section XII.J.* | ☐YES | ☒NO |

**Texas Commission on Environmental Quality**
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**Federal Operating Permit Program**

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*For SOP applications, answer ALL questions unless otherwise directed.*
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| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 85*** | | | |
| **XII. New Source Review (NSR) Authorizations (continued)** | | | |
| | **B.** | **Air Quality Standard Permits** | |
| ♦ | 1. | The application area includes at least one Air Quality Standard Permit NSR authorization.<br>*If the response to XII.B.1 is "NO," go to Section XII.C. If the response to XII.B.1 is "YES," be sure to include the standard permit's registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate.* | ☐YES ☒NO |
| ♦ | 2. | The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617. | ☐YES ☐NO |
| ♦ | 3. | The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one "Installation and/or Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization under 30 TAC § 116.620. | ☐YES ☐NO |
| ♦ | 5. | The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization. | ☐YES ☐NO |
| ♦ | 6. | The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621. | ☐YES ☐NO |
| ♦ | 7. | The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U. | ☐YES ☐NO |
| | 8. | The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization. | ☐YES ☐NO |
| ♦ | 9. | The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization. | ☐YES ☐NO |
| ♦ | 10. | The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization. | ☐YES ☐NO |

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

| | |
|---|---|
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| RN No.: | RN100215243 |

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

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 86*** | | | |
| **XII. New Source Review (NSR) Authorizations (continued)** | | | |
| | **B.** | **Air Quality Standard Permits (continued)** | |
| ♦ | 11. | The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization. | ☐YES ☐NO |
| ♦ | 12. | The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization.<br>*If the response to XII.B.12 is "NO," go to Question XII.B.15.* | ☐YES ☐NO |
| ♦ | 13. | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region. | ☐YES ☐NO |
| ♦ | 14. | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region. | ☐YES ☐NO |
| ♦ | 15. | The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization. | ☐YES ☐NO |
| ♦ | 16. | The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization. | ☐YES ☐NO |
| | **C.** | **Flexible Permits** | |
| | 1. | The application area includes at least one Flexible Permit NSR authorization. | ☐YES ☒NO |
| | **D.** | **Multiple Plant Permits** | |
| | 1. | The application area includes at least one Multi-Plant Permit NSR authorization. | ☐YES ☒NO |

| | |
|---|---|
| Date: | 10/17/2023 |
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| RN No.: | RN100215243 |

*For SOP applications, answer ALL questions unless otherwise directed.*
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***Form OP-REQ1: Page 87***

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

**E. PSD Permits and PSD Major Pollutants**

| | | |
|---|---|---|
| PSD Permit No.: PSDTX625M1 | Issuance Date: 01/31/2019 | Pollutant(s): CO, PM, NOx, SO2, PM10, H2S, TRS |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |

*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**

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

*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: | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |

♦ **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: | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |

**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
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| | |
|---|---|
| Date: | 10/17/2023 |
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| RN No.: | RN100215243 |

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

| **Form OP-REQ1: Page 88** | |
|---|---|
| **XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)** | |
| ♦ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area** | |
| *A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.* | |
| PBR No.: Reg 50933 (106.261) | Version No./Date: Version: 09/04/2000. Issued 5/28/2002 |
| PBR No.: Reg 170909 (106.263) | Version No./Date: Version: 11/01/2001. Issued 12/07/2022 |
| PBR No.: 106.472 | Version No./Date: Version: 09/04/2000 |
| PBR No.: 106.227 | Version No./Date: Version: 03/14/1997 |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
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| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| ♦ **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 No.: | Issuance Date: |

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

| | | |
|---|---|---|
| **Date:** 10/17/2023 | **Regulated Entity No.:** RN1005243 | **Permit No.:** O1134 |
| **Company Name:** American Rockwool Manufacturing, LLC | **Area Name:** Nolanville Plant | |

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

**Part 1**

| | | |
|---|---|---|
| **A.** | **Compliance Plan — Future Activity Committal Statement** | |
| The *Responsible Official* commits, utilizing reasonable effort, to the following:<br>As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term. | | |
| **B.** | **Compliance Certification - Statement for Units in Compliance*<br>(Indicate response by entering an "X" in the appropriate column)** | |
| **1.** | With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application? | ☒ YES ☐ NO |
| **2.** | Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)? | ☐ YES ☒ NO |
| **3.** | If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. *(For reference only)* | |
| * | *For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status.*<br>*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.*<br>*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.* | |

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

| | | |
|---|---|---|
| **Date:** 10/17/2023 | **Regulated Entity No.:** RN1005243 | **Permit No.:** O1134 |
| **Company Name:** American Rockwool Manufacturing, LLC | **Area Name:** Nolanville Plant | |

**Part 2**

**A. Compliance Schedule**

If there are non-compliance situations ongoing at time of application, then complete a separate OP-ACPS Part 2 for each separate non-compliance situation. *(See form instruction for details.)* If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.

**1. Specific Non-Compliance Situation**

Unit/Group/Process ID No.(s):

SOP Index No.:

Pollutant:

**Applicable Requirement**

| Citation | Text Description |
|---|---|
| | |
| | |

**2. Compliance Status Assessment Method and Records Location**

| Citation | Text Description | Location of Records/Documentation |
|---|---|---|
| | | |
| | | |

**3. Non-compliance Situation Description**

**4. Corrective Action Plan Description**

**5. List of Activities/Milestones to Implement the Corrective Action Plan**

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

| | | |
|---|---|---|
| **Date:** 10/17/2023 | **Regulated Entity No.:** RN1005243 | **Permit No.:** O1134 |
| **Company Name:** American Rockwool Manufacturing, LLC | | **Area Name:** Nolanville Plant |

**Part 2 (*continued)***

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

Reset Form

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

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

| **I. Identifying Information** | | |
|---|---|---|
| RN: 100215243 | CN: 605129857 | Account No.: BF-0107-S |
| Permit No.: O1134 | Project No.: | |
| Area Name: Nolanville Plant | Company Name: American Rockwool Manufacturing, LLC | |

**II. Certification Type** *(Please mark the appropriate box)*

☒ Responsible Official ☐ Duly Authorized Representative

**III. Submittal Type** *(Please mark the appropriate box) (Only one response can be accepted per form)*

☐ SOP/TOP Initial Permit Application ☐ Update to Permit Application

☐ GOP Initial Permit Application ☒ Permit Revision, Renewal, or Reopening

☐ Other: _____

**IV. Certification of Truth**

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

I, James Deibel certify that I am the RO

*(Certifier Name printed or typed)* *(RO or DAR)*

and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:

*Note: Enter Either a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).*

Time Period: From _____ to _____

*Start Date* *End Date*

Specific Dates: 10/17/2023 _____ _____ _____ _____ _____

*Date 1* *Date 2* *Date 3* *Date 4* *Date 5* *Date 6*

Signature: _____ Signature Date: 10/17/2023

Title: Manager




American Rockwool Manufacturing, LLC
7250 Dallas Parkway, Ste 400
Plano, TX 75024

October 17, 2023

FOP Permitting Program (Application) *via STEERS*
TCEQ Air Permit Initial Review Team (APIRT), MC 161
P.O. Box 13087
Austin, TX, 78711-3087

RE: Federal Operating Permit Renewal
American Rockwool Manufacturing, LLC
440 Jack Rabbit Flat Rd, Nolanville, TX 76559
RN100215243, CN605129857
Title V Permit Number: O-1134

To Whom It May Concern:

American Rockwool Manufacturing, LLC ("ARW") is submitting the attached Title V renewal application for the Nolanville Plant located in Bell County, Texas. The Nolanville Plant ("Facility") operates under Federal Operating Permit ("FOP") No. O-1134. To be considered a timely renewal application, 30 TAC §122.133(2) indicates that the renewal submittal request must occur between 6 and 18 months before the permit's expiration date, i.e. no later than November 23, 2023. This submittal package constitutes a timely application to renew the Facility's operating permit, which expires on May 23, 2024.

There have been no changes at the facility since the current FOP was last renewed in May 2019. Pursuant to the requirements of 30 TAC §122.241, regarding Title V Renewal Applications, we have included the following forms:

- General Administrative Forms (OP-1, OP-2);
- Applicability Identification Form (OP-REQ1);
- Applicable unit attribute forms (OP-UAs);
- Compliance Certification Forms (OP-ACPS, OP-CRO1); and
- Core Data Form (Administrative updates).

Should you require any additional information or have any questions, please do not hesitate to contact me at 972-468-9122 or JDeibel@americanrockwool.com.

Sincerely,

James M. Deibel
Manager
American Rockwool Manufacturing, LLC.

cc: TCEQ Region 9, *via STEERS*

EPA Region 6 Office, *via e-mail - R6AirPermitsTX@epa.gov*

**Attachments**

Application

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Appendix B – OP-2 Form

Appendix C – OP-CRO1 Form

Appendix D – OP-REQ1 Form

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Appendix F – OP-UA3 Form

Appendix G – OP-UA4 Form

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Appendix I – Area Map and Plot Plan

Appendix J – Process Flow Diagram

Appendix K – Core Data Form

# Nolanville Plant
# Title V Renewal Application

## Bell County
## Nolanville, Texas

## American Rockwool Manufacturing, LLC

440 Jack Rabbit Flat Rd

Nolanville, TX 76559

RN100215243

CN605129857

Title V Permit Number O-1134

Prepared by:

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October 2023

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# Abbreviations

ARW: American Rockwool

CAA: Clean Air Act

CAM: Compliance Assurance Monitoring

CAIR: Clean Air Interstate Rule

CFR: Code of Federal Regulations

CO: Carbon Monoxide

CSAPR: Cross-State Air Pollution Rule

EPA: Environmental Protection Agency

EPN: Emission Point Number

FOP: Federal Operating Permit

GHG: Greenhouse Gas

HAP: Hazardous Air Pollutant

MAERT: Maximum Allowable Emission Rate Table

NSPS: New Source Performance Standards

NSR: New Source Review

OLD: Organic Liquids Distribution

PBR: Permit by Rule

PM: Particulate Matter

PSD: Prevention of Significant Deterioration

$SO_2$: Sulfur Dioxide

TAC: Texas Administrative Code

TCEQ: Texas Commission on Environmental Quality

TRS: Total Reduced Sulfur

VOC: Volatile Organic Compound

# 1 Introduction

American Rockwool Manufacturing, LLC ("ARW") owns and operates the Nolanville Plant or ("Facility"), in Bell County, Texas. The Nolanville Plant is currently operating under Title V permit O-1134, which expires May 23, 2024.

This FOP application includes all information required by 30 Texas Administrative Code ("TAC") 122 for a timely and complete renewal of the FOP. No changes to the permit or any compliance requirements are proposed in this renewal application. There have also been no changes to the NSR Permit No. 9397/PSDTX625M1 since the last renewal. Therefore, the Major NSR Summary Table is not included.

The Nolanville Plant manufacturers rockwool, an insulation manufactured from recycled blast furnace slag and trap rock. Significant emission sources at the Facility include two Electric Arc Furnace's ("Cupola 1 and 2"), a Scrubber, Raw Material Stockpiles, Cupola Fugitives, and an Oil Storage Tank.

ARW is required by 30 TAC Chapter 122 to submit an application for renewal of the Nolanville Plant FOP O-1134 no later than six months before the permit expiration date. The last renewal of FOP O-1134 was issued on May 23, 2019; therefore, an administratively complete renewal application is due to TCEQ no later than November 23, 2023. This document constitutes an application to TCEQ for a Title V renewal for Permit No. O-1134 and contains all required forms, supporting information, and certification by the responsible official.

This renewal application package includes a Facility description and process overview (Section 2), a regulatory applicability analysis (Section 3), a list of the TCEQ Title V required forms (Section 4) and the Certification by the Responsible Official (Section 5). Appendices A through H include the completed TCEQ Title V forms. Appendix I to this renewal application package includes an area map and the Facility plot plan. Appendix J includes the process flow diagram. An updated Core Data form with the new Corporate Office address is included as Appendix K.

# 2 Process Description

Introduction

The Nolanville Plant manufacturers rockwool, an insulation manufactured from recycled blast furnace slag and trap rock that is heated using coke as a fuel to a molten state where it is spun into a fibrous material. The main application of rockwool is fireproof and soundproof insulation material in homes.

Material Handling

Raw materials (recycled blast furnace slag and coke) arrive at the Facility by railcar. Traprock is brought on-site via truck and unloaded from tandem trailers into the bins in the yard. Frontend loaders may be used to move the traprock from the bins. The railcars are unloaded from the bottom into a below-ground conveyer feed pit. At this point, water spray is applied to the materials, as necessary to reduce the potential for dust formation. A conveyor belt from the railcar unloading pit delivers the materials to the radial stacker. The radial stacker pivots to the appropriate storage pile and transfers the materials to the piles. The Facility has a total of eight storage piles for raw material and coke. Dumping of material on the storage piles is associated with several emission point numbers ("EPN"). A front-end loader loads out from the front of the pile and delivers the materials to a conveyor feed hopper. The front-end loader drops the materials into the feed hopper which directs them on to the screening operation feed conveyor. Water spray is applied as necessary to reduce dust emissions. The screening operation feed conveyer then drops the material on the screen, which also has a water spray. After the wet screening operation, the screen unloads onto the feed bin conveyer. The feed bin conveyor unloads the materials into the top of the appropriate feed bin which in turn unloads from the bottom into the weighing hopper. This operation takes place inside the enclosed feed bin/weighing hopper building. The weighing hopper rolls beneath each of the enclosed feed bins to receive the required amount of each material to be included in the furnace charge. After weighing, the materials are deposited on a short conveyor and then into a skip hoist bucket which is lifted by a cable up to the furnace. The material handling operation described may result in particulate matter ("PM") emissions and water is sprayed to minimize PM emissions.

Mineral Wool Production

The Facility has two mineral wool lines that can be operated individually or simultaneously. Lines are fed to two existing cupola furnaces or an electric furnace. Only one cupola may operate at a time (NSR Permit 9397, PSDTX625M1, Special Condition 5). The raw materials are unloaded from the skip hoist bucket into the cupola in charge rates relative to the smelt rate of the furnace. Propane torches fire the furnaces that contain a coke bed with a 10-foot column of a mixture of coke, slag and traprock above the coke bed. Once the coal bed is ignited, the superheated air and oxygen melts the material. As the coke reaches a smelt temperature of 2,500 degrees Fahrenheit, the mineral charge above it, including additional coke, enters a molten state. When the materials are sufficiently heated, the propane torches are removed. The slag and traprock smelt and the heat from the charge mixture being fired above the coke bed then serve to preheat the next charge. The 10-foot column of coke, slag, and traprock must be maintained. Combustion air is supplied through tuyeres located near the bottom of the furnace. The cupola is totally enclosed within a building. Fugitive emissions occur within the furnace and are captured inside the cupola and removed via the top exhaust piping into a spark arrestor/cyclone powered by the baghouse fan and into the baghouse. All raw materials are cleaned through a shaker in the yard and loaded in bins within the weight house. Exhaust from the cupola furnace is routed via a cyclone separator to a fabric filter baghouse for removal of PM. Combustion exhaust flows through a bag house and is released from the cupola stack. The dust collected by each of the four baghouse compartments, connected in series, is periodically removed by shaking the fabric filters down through the bottom of each compartment and into a sealed rotary screw conveyor that moves the PM to a water-filled "doghouse" for extraction by loader. The cupola is cooled by well water and the hot discharge is drained to two water tanks that are pumped to a cooling pond.

Fiberization

The molten mineral charge exits the bottom of the furnace through a notch onto a trough and streams down to a rotating spinner head with a precision air ring that fiberizes the molten material at the outside wall of the spinner head. This is the moment of wool. At this point, the rockwool is formed. The rockwool then traverses downward through a large cone to a blow chamber that picks the material up ascending through a large pipe to the top of the large cyclone. The atomized annealing oil is applied within the large pipe prior to entering the large cyclone. The fiberization device is a vertically mounted spinning disk located beneath the furnace. The mineral wool fibers are pulled by suction from an 800HP fan into the first cyclone. Before the fiber enters the first cyclone, mineral oil (Tufflo Oil or similar product), is applied to suppress dust and anneal the fiber to prevent breakage. The mineral wool is routed through the large cyclone, where a large portion of the wool product drops out to a conveyor belt below. The large cyclone and a set of four smaller cyclones catch all fugitive rockwool which drops off additional product to the conveyor. Fugitive fibers entering the 800 HP fan are captured and sent through a large duct behind the fan while exhausting the fiber dust to the water spray scrubber. The water spray scrubber utilizes spray jets for particulate removal. One scrubber services both wool production lines and exhausts to a single stack. The mineral wool fibers are conveyed to an enclosed bagging area where they are compressed and packaged into 30-pound bags. A baler is also used to process 750-pound bales for large industrial users. The packaged wool is palletized, wrapped, and transported from the bagging machines by a forklift and either loaded into trucks or stored in the warehouse for future delivery.

The Facility is a Title V major source for sulfur dioxide ($SO_2$), carbon monoxide (CO), hazardous air pollutants (HAPs), and Total Reduced Sulfur (TRS).

A description of the individual emission points or associated emitting or control equipment at the Facility is included below in Table 1. A process flow diagram is included in Appendix J.

**Table 1. American Rockwool Nolanville Plant Facility Equipment**

| EPN | Equipment Description |
|---|---|
| 2 | Electric Arc Furnace, Cupola 1, and Cupola 2 |
| 3 | Scrubber |
| 4 | Material Handling (Includes Stockpiles) |
| 5 | Cupola Building Fugitives |
| 6 | Oil Storage Tank |

# 3 Regulatory Applicability

The Nolanville Plant is located in Bell County, which is designated as unclassifiable/attainment for all criteria pollutants (40 CFR §81.344). Therefore, Non-Attainment New Source Review does not apply to this permit application. The applicability of federal and state regulations to the Facility is discussed in the following sections.

## 3.1 Federal Requirements

The applicability of federal requirements to the Nolanville Plant is discussed in this section.

## 40 CFR Part 60 – New Source Performance Standards (NSPS)

### 40 CFR 60 Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced after June 11, 1973, and Prior to May 19, 1978

This regulation applies to volatile organic liquid storage vessels with a storage capacity greater than 151,412 liters (40,000 gallons) and is constructed, reconstructed, or modified between June 11, 1973, and May 19, 1978. There are no storage vessels storing volatile organic liquids at the Facility with a storage capacity greater than 40,000 gallons; therefore, this subpart does not apply.

### 40 CFR 60 Subpart Ka - Standards of Performance for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced after May 18, 1978, and Prior to July 23, 1984

This regulation applies to volatile organic liquid storage vessels with a storage capacity greater than 151,412 liters (40,000 gallons) and is constructed, reconstructed, or modified between May 18, 1978, and July 23, 1984. There are no storage vessels storing volatile organic liquids at the Facility with a storage capacity greater than 40,000 gallons; therefore, this subpart does not apply.

### 40 CFR 60 Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels for which Construction, Reconstruction, or Modification Commenced After July 23, 1984

This regulation applies to volatile organic liquid storage vessels with a storage capacity greater than 75 cubic meters (19,813 gallons) and constructed, reconstructed, or modified after July 23, 1984. There are no storage vessels storing volatile organic liquids at the Facility with a storage capacity greater than 75 cubic meters (19,813 gallons); therefore, this subpart does not apply.

### 40 CFR 60 Subpart UU – Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture

This regulation establishes standards applicable to each saturator and each mineral handling and storage facility at asphalt roofing plants; and each asphalt storage tank and each blowing still at asphalt processing plants, petroleum refineries, and asphalt roofing plants. The Nolanville Plant is not an asphalt processing plant, petroleum refinery, or asphalt roofing plant; therefore, this subpart is not applicable to the Facility.

### 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants

This regulation establishes standards that are applicable to the following affected facilities in fixed or portable nonmetallic mineral processing plants per 40 CFR §60.670(a)(1):

> "Each crusher, grinding mill, screening operation, bucket elevator, belt conveyor, bagging operation, storage bin, enclosed truck or railcar loading station. Also, crushers and grinding mills at hot mix asphalt facilities that reduce the size of nonmetallic minerals embedded in recycled asphalt pavement and subsequent affected facilities up to, but not including, the first storage silo or bin are subject to the provisions of this subpart."

Per 40 CFR §60.670(a)(2), the provisions of this rule do not apply to plants without crushers or grinding mills above ground. The plant does not have crushers or grinding mills and the equipment at the plant are stand-alone screening operations; therefore, this subpart is not applicable to the Facility.

## 40 CFR Part 61 – National Emission Standards for Hazardous Air Pollutants

### 40 CFR Part 61 Subpart M - National Emission Standard for Asbestos

Due to the age of the facility, it is possible that the construction included asbestos materials. Therefore, the Facility could potentially be subject to Subpart M, Standards for Demolition and Renovation (40 CFR §61.145). The facility will comply with this regulation should it become applicable.

## 40 CFR Part 63 – National Emission Standards for Hazardous Air Pollutants for Source Categories

### 40 CFR Part 63 Subpart R – National Emission Standards for Gasoline Distribution Facilities

This regulation establishes national emission standards for bulk gasoline terminals. The Nolanville Plant is not a bulk gasoline terminal; therefore, this subpart is not applicable.

### 40 CFR Part 63 Subpart DDD – National Emission Standards for Hazardous Air Pollutants for Mineral Wool Production

This regulation establishes national emission standards for HAPs emitted from existing, new, and reconstructed cupolas and curing ovens at facilities that produce mineral wool. The facility is a major source of HAP, and the cupolas (CUP1 and CUP2, GRPCUPLOAS) are considered to be existing sources subject to this subpart. The Facility will continue to comply with the emission limitations, monitoring and testing, recordkeeping, and reporting requirements of this subpart.

### 40 CFR Part 63 Subpart NNN – National Emission Standards for Hazardous Air Pollutants for Wool Fiberglass Production

This regulation establishes national emission standards for HAPs emitted from existing, new, and reconstructed wool fiberglass manufacturing facilities. The Nolanville Plant is not a wool fiberglass facility; therefore, this subpart is not applicable to the Facility.

### 40 CFR Part 63 Subpart EEEE – National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)

This subpart establishes national emission limitations, operating limits, and work practice standards for organic HAPs emitted from organic liquids distribution (OLD) (non-gasoline) operations at major sources of HAP emissions. The Tufflo Oil stored at the Facility does not meet the following definition of an "organic liquid" per 40 CFR 63.2406:

"Organic liquid means:

(1) Any non-crude oil liquid or liquid mixture that contains 5 percent by weight or greater of the organic HAP listed in Table 1 to this subpart, as determined using the procedures specified in §63.2354(c).
(2) Any crude oils downstream of the first point of custody transfer.
(3) Organic liquids for purposes of this subpart do not include the following liquids:
    (i) Gasoline (including aviation gasoline), kerosene (No. 1 distillate oil), diesel (No. 2 distillate oil), asphalt, and heavier distillate oils and fuel oils;
    (ii) Any fuel consumed or dispensed on the plant site directly to users (such as fuels for fleet refueling or for refueling marine vessels that support the operation of the plant);
    (iii) Hazardous waste;
    (iv) Wastewater;
    (v) Ballast water: or
    (vi) Any non-crude oil liquid with an annual average true vapor pressure less than 0.7 kilopascals (0.1 psia)."

The Tufflo Oil is a non-crude oil liquid with a vapor pressure less than 0.0013 kilopascals; therefore, this subpart is not applicable to the Facility.

## 40 CFR Part 64 – Compliance Assurance Monitoring

Compliance Assurance Monitoring (CAM) is a federal program established under 40 CFR Part 64 regulations. The regulatory requirements governing implementation of CAM in Texas are also established in 30 TAC Chapter 122, Subchapter G. CAM applies to an emission unit located at a major source that meets all of the following criteria:

- The emission unit is subject to an emission limitation or standard for an air pollutant (or surrogate thereof) in an applicable requirement;
- The emission unit uses a control device to achieve compliance with the emission limitation or standard; and
- The emission unit has the pre-control device potential to emit greater than or equal to the amount in tons per year required for a site to be classified as a major source.

CAM applicability is determined on a pollutant-by-pollutant basis. The facility is subject to a case-by-case CAM for Unit ID No. SCRUBBER as follows:

1. 30 TAC Chapter 111 (§111.111(a)(1)(C) and §111.151(a)) – Daily liquid flow rate measurement. The minimum liquid flow rate is 245 gallons/minute.
2. 30 TAC Chapter 111 (§111.111(a)(1)(C)) and §111.151(a)) – Daily visual inspection of spray system. Any not thoroughly distributed spray pattern needs to be corrected within 72 hours of observation.

ARW proposes no changes to the existing CAM requirements.

## 40 CFR Part 68 – Chemical Accident Prevention and Risk Management Programs

The Facility is not subject to 40 CFR Part 98.

## 40 CFR Part 70 – Operating Permit Program

The Facility is considered a major source for $SO_2$, CO, and HAPs for Title V purposes and operates under FOP Permit No. O-1134 as required under 40 CFR Part 70.

### Periodic Monitoring

Periodic Monitoring is required by 40 CFR §70.6(a)(3)(i)(B) and 30 TAC §122.602 for emission units for which the applicable regulations lack sufficient monitoring requirements to demonstrate compliance with an emission limitation or standard.

The Group No. GRPCUPOLAS is subject to periodic monitoring per 30 TAC Chapter 111 (§111.111(a)(1)(A)) – Quarterly visible emissions observation. If opacity is greater than 30%, the permit holder shall report a deviation. ARW proposes no changes to the existing Periodic Monitoring requirements.

## 40 CFR Parts 72 – 77 - Acid Rain Regulations

The Facility is not subject to the acid rain program.

## 40 CFR Part 82 – Stratospheric Ozone Protection Regulations

Subpart F, Recycling and Emissions Reductions, of 40 CFR Part 82, Protection of Stratospheric Ozone, generally requires that all repairs, service, and disposal of appliances containing Class I or Class II ozone-depleting substances are conducted by properly certified persons. The Facility will comply with this regulation should it become applicable.

### 40 CFR Parts 96 – 97 Clean Air Interstate Rule Permit Requirements

The Facility is not subject to the Clean Air Interstate Rule (CAIR) per 40 CFR §98.5(a) or the Cross-State Air Pollution Rule (CSAPR) Program per 40 CFR §97.4.

### 40 CFR Part 98 – Mandatory Greenhouse Gas Reporting

The Facility does not emit 25,000 metric tons CO2e or more in combined emissions from all stationary fuel combustion sources; therefore, the Facility is not subject to greenhouse gas reporting per 40 CFR §98.2(a).

## 3.2 State Requirements

The applicability of TCEQ Title 30 TAC Chapters 101 through 122 to the Facility and the Title V FOP permit application is discussed in this section.

### Chapter 101 – General Rules

ARW is in compliance with all applicable requirements of this Chapter, including the filing of annual Emission Inventories and payment of annual Emission Fees.

### Chapter 106 – Permits By Rule

ARW operates equipment that is authorized by specific permits by rule (PBRs). The PBRs (Permit Numbers 170909 and 50933) are listed in Table 2. The facility will meet the requirements of each PBR.

**Table 2 – Facility Permits by Rule**

| | |
|---|---|
| PBR Registration No. 50933<br>§106.261 – Facilities (Emission Limitations) | Issued: 5/28/2002<br>Version Date: 09/04/2000 |
| PBR Registration Number 170909<br>§106.263 – Temporary Maintenance Facilities | Issued: 12/07/2022<br>Version Date: 12/07/2022 |
| Unregistered PBR<br>§106.227 – Soldering, Brazing, Welding | Version Date: 03/14/1997 |
| Unregistered PBR<br>§106.472 – Organic and Inorganic Liquid Loading and Unloading | Version Date: 09/04/2000 |

### Chapter 111 – Visible Emissions and Particulate Matter

The operation of the cupolas and scrubber comply with the opacity limits specified in §111.111. The emissions for the units also comply with the allowable particulate matter emission rate specified in §111.151. ARW will continue to comply with all opacity observations requirements.

### Chapter 112 – Sulfur Compounds

ARW complies and will continue to comply with the $SO_2$ net ground level concentrations specified by §112.3.

### Chapter 113 – Toxic Materials

The Facility is a major source of HAPs and will continue to comply with applicable requirements as incorporated by reference in Chapter 113. The facility is subject to and in compliance with 40 CFR 63, Subpart DDD for National Emission Standards for Hazardous Air Pollutants for Mineral Wool Production.

## Chapter 114 – Motor Vehicles

The Facility does not maintain a motor vehicle fleet; therefore, Chapter 114 does not apply to the Facility.

## Chapter 115 – Volatile Organic Chemicals

The Facility is located in Bell County and transfers only non-gasoline VOC; therefore, Chapter 115 does not apply to the Facility.

## Chapter 116 – Control of Air Pollution by Permits for New Construction / Modifications

The Facility is authorized under Permit No. 9397/PSDTX625M1 and PBRs 50933, and 170909. The Facility meets the requirements of Chapter 116 accordingly.

## Chapter 117 – Nitrogen Compounds

The Facility is not located in the Houston/Galveston/Brazoria or Dallas/Ft. Worth ozone nonattainment area. Therefore, the requirements of 30 TAC Chapter 117, Subchapter B "Combustion at Major Sources" do not apply.

## Chapter 118 – Air Pollution Episodes

There are no requirements applicable to the emission units addressed in this application.

## Chapter 122 – Federal Operating Permits

On May 23, 2019, TCEQ issued ARW, a renewal of FOP No. O-1134. With this application, ARW is requesting the renewal of FOP No. O1134.

# 4 TCEQ TITLE V FORMS

Pursuant to the requirements of 30 TAC §122.241(b), regarding Title V Renewal Applications, this application package includes the following forms:

- General Administrative Forms (OP-1, OP-2) are included in Appendices A and B of this application and provide identifying and administrative information to complete the renewal of FOP O-1134.
- Unit Attribute Forms (OP-UA3, OP-UA4, and OP-UA15) are included in Appendices G through I and provide details on the specifications of each unit at the Nolanville Plant. All applicable unit attribute forms are included in this application package as forms and equipment specific codes have been updated by the TCEQ since the permit was last renewed. There has been no physical change or change in the method of operation of any emission source.
- Applicability Identification Form (OP-REQ1) is included in Appendix D to this application and documents the detailed regulatory citations applicable to each unit at the Facility.
- Compliance Certification Forms (OP-CRO1 and OP-ACPS) are included in Appendix C and E to this application and documents the Compliance Plan and Certification by the Responsible Official.
- Core Data Form (TCEQ-10400) is included in Appendix K to this application and documents administrative changes at AMR since the last FOP renewal.

# 5 Certification by the Responsible Official

An OP-CRO1 Form is included with this application (refer to Appendix C) which certifies the submission of this renewal application.

# Appendix A –OP-1 Form

# Appendix B - OP-2 Form

# Appendix C - OP-CRO1 Form

# Appendix D - OP-REQ1 Form

# Appendix E - OP-ACPS Form

# Appendix F - OP-UA3 Form

# Appendix G - OP-UA4 Form

# Appendix H - OP-UA15 Form

# Appendix I – Area Map and Plot Plan

## Appendix J – Process Flow Diagram

# Appendix K – Core Data Form