

Carolyn Thomas

From: eNotice TCEQ
Sent: Thursday, February 13, 2025 3:46 PM
To: ally.smither@senate.texas.gov; Harold.dutton@house.texas.gov
Subject: TCEQ Notice - Permit Number O1543
Attachments: TCEQ Notice - O1543_37534.pdf

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

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

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

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

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

February 13, 2025

THE HONORABLE MOLLY COOK
TEXAS SENATE
PO BOX 12068
AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 37534
Permit Number: O1543
Owens Corning Roofing and Asphalt, LLC
Houston Roofing Plant
Houston, Harris County
Regulated Entity Number: RN100225036
Customer Reference Number: CN601173016

Dear Senator Cook:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.279444,29.771666&level=13>.

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

The Honorable Molly Cook
Page 2
February 13, 2025

Re: Accepted Federal Operating Permit Renewal Application

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

Sincerely,

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

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

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

February 13, 2025

THE HONORABLE HAROLD V DUTTON JR
TEXAS HOUSE OF REPRESENTATIVES
PO BOX 2910
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 37534
Permit Number: O1543
Owens Corning Roofing and Asphalt, LLC
Houston Roofing Plant
Houston, Harris County
Regulated Entity Number: RN100225036
Customer Reference Number: CN601173016

Dear Representative Dutton Jr:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.279444,29.771666&level=13>.

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

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

Sincerely,

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

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

Texas Commission on Environmental Quality

Title V Existing

1543

Site Information (Regulated Entity)

| | |
|---|--|
| What is the name of the permit area to be authorized? | HOUSTON ROOFING AND ASPHALT FACILITY |
| Does the site have a physical address? | Yes |
| Physical Address | |
| Number and Street | 8360 MARKET ST |
| City | HOUSTON |
| State | TX |
| ZIP | 77029 |
| County | HARRIS |
| Latitude (N) (##.#####) | 29.771666 |
| Longitude (W) (-###.#####) | 95.279444 |
| Primary SIC Code | 2952 |
| Secondary SIC Code | |
| Primary NAICS Code | 324122 |
| Secondary NAICS Code | |
| Regulated Entity Site Information | |
| What is the Regulated Entity's Number (RN)? | RN100225036 |
| What is the name of the Regulated Entity (RE)? | OWENS CORNING HOUSTON ROOFING AND MANUFACTURING FACILITY |
| Does the RE site have a physical address? | No |
| Because there is no physical address, describe how to locate this site: | 8360 Market St, Houston, TX |
| City | HOUSTON |
| State | TX |
| ZIP | 77029 |
| County | HARRIS |
| Latitude (N) (##.#####) | 29.769444 |
| Longitude (W) (-###.#####) | -95.279722 |
| Facility NAICS Code | |
| What is the primary business of this entity? | |

Customer (Applicant) Information

| | |
|--|--|
| How is this applicant associated with this site? | Owner Operator |
| What is the applicant's Customer Number (CN)? | CN601173016 |
| Type of Customer | Corporation |
| Full legal name of the applicant: | |
| Legal Name | Owens Corning Roofing and Asphalt, LLC |
| Texas SOS Filing Number | 800719021 |
| Federal Tax ID | 320176634 |
| State Franchise Tax ID | 13201766345 |
| State Sales Tax ID | |

| | |
|-----------------------------------|-----------|
| Local Tax ID | |
| DUNS Number | 807356199 |
| Number of Employees | |
| Independently Owned and Operated? | |

Responsible Official Contact

Person TCEQ should contact for questions about this application:

| | |
|--|--|
| Organization Name | Owens Corning Roofing and Asphalt LLC |
| Prefix | MR |
| First | James |
| Middle | |
| Last | Hess |
| Suffix | |
| Credentials | |
| Title | Plant Leader Houston Roofing and Asphalt |
| Enter new address or copy one from list: | Site Physical Address |
| Mailing Address | |
| Address Type | Domestic |
| Mailing Address (include Suite or Bldg. here, if applicable) | 8360 MARKET ST |
| Routing (such as Mail Code, Dept., or Attn:) | |
| City | HOUSTON |
| State | TX |
| ZIP | 77029 |
| Phone (###-###-####) | 7136703139 |
| Extension | |
| Alternate Phone (###-###-####) | |
| Fax (###-###-####) | |
| E-mail | james.r.hess@owenscorning.com |

Technical Contact

Person TCEQ should contact for questions about this application:

| | |
|--|---------------------------------------|
| Select existing TC contact or enter a new contact. | New Contact |
| Organization Name | Owens Corning Roofing and Asphalt LLC |
| Prefix | MS |
| First | Tina |
| Middle | |
| Last | Tomol |
| Suffix | |
| Credentials | |
| Title | EHS Coordinator |
| Enter new address or copy one from list: | Site Physical Address |
| Mailing Address | |
| Address Type | Domestic |
| Mailing Address (include Suite or Bldg. here, if applicable) | 8360 MARKET ST |

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

City

HOUSTON

State

TX

ZIP

77029

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

7136703127

Extension

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

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

E-mail

tina.tomol@owenscorning.com

Title V General Information - Existing

| | |
|---|----------------------|
| 1) Permit Type: | SOP |
| 2) Permit Latitude Coordinate: | 29 Deg 46 Min 18 Sec |
| 3) Permit Longitude Coordinate: | 95 Deg 16 Min 46 Sec |
| 4) Is this submittal a new application or an update to an existing application? | New Application |
| 4.1. What type of permitting action are you applying for? | Renewal |
| 4.1.1. Are there any permits that should be voided upon issuance of this permit application through permit conversion? | No |
| 4.1.2. Are there any permits that should be voided upon issuance of this permit application through permit consolidation? | No |
| 5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements? | No |

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

[File Properties]

File Name

OP_1_3 OP-1.pdf

Hash

70376EDBEDF39E5457053FE12D747FFC5C07F4C88A4DCFEDEA3A73E22CCA6AA6

MIME-Type

application/pdf

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

[File Properties]

File Name

OP_2_4 OP-2.pdf

Hash

AC20ED6824C434D94A0B0DC62B75A0D83B324F5AA26A606A0D53CE9343DF8DEA

MIME-Type

application/pdf

Attach OP-ACPS (Application Compliance Plan and Schedule)

[File Properties]

File Name

OP_ACPS_6 OP-ACPS.pdf

Hash

29C158231093DB5503D55B5A9505DD1A94F1D3AAAE5EF7374B4F3F7686B6A64B

MIME-Type

application/pdf

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

[File Properties]

File Name OP_REQ1_7 OP-REQ1.pdf
Hash E316287921E656D7413BE1BA2FFAE8E6A28F3FE1B9BB84A340C93ABB74AAE0F2
MIME-Type application/pdf

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

[File Properties]

File Name OP_REQ2_8 OP-REQ2.pdf
Hash 4B37328071ABB7782E36FF9167E732654D5CDB97390E07414A50A568FC5B79F3
MIME-Type application/pdf

Attach OP-REQ3 (Applicable Requirements Summary)

[File Properties]

File Name OP_REQ3_9 OP-REQ3.pdf
Hash 75A3634270A4CC1926A3BD0674063FB12674BEA6A8CE62477BC26AEC67016055
MIME-Type application/pdf

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

[File Properties]

File Name OP_PBRSUP_17 OP-PBRSUP.pdf
Hash E76C7F8984B87B9394E1F0FE664853E6E0B7F12B9A668B9C786D454D52D07D51
MIME-Type application/pdf

Attach OP-SUMR (Individual Unit Summary for Revisions)

[File Properties]

File Name OP_SUMR_9 OP-SUMR.pdf
Hash F1E310393EEB775AC7FD789B7B8F156C5B4FB00279BB3FCFC0BDDE2B61F70750
MIME-Type application/pdf

Attach OP-MON (Monitoring Requirements)

[File Properties]

File Name OP_MON_16 OP-MON.pdf
Hash A595A3743FE5D8B85B42298765664A78A562F140277D769176716E4B10BD09E6
MIME-Type application/pdf

Attach OP-UA (Unit Attribute) Forms

[File Properties]

File Name 10 OP-UA1.pdf
Hash 5447A08E756259D71439BC181282A65281141F38C014E9B2F91CC6808D72F6D7
MIME-Type application/pdf

[File Properties]

File Name 11 OP-UA3.pdf
Hash 4CDC7998626F5D43797C9F9ACB6B690AD5DA2ACA06E1E46834D7B69A9E7CE72E

| | |
|-------------------|---|
| MIME-Type | application/pdf |
| [File Properties] | |
| File Name | 12 OP-UA6.pdf |
| Hash | B040B205EE59056006725780B05DAC06D5AB67725B47EE87AF2CD9CD408C8680 |
| MIME-Type | application/pdf |
| [File Properties] | |
| File Name | 13 OP-UA15.pdf |
| Hash | B00A8D0D91DF5732F3BF462661B455650E4E670A3FD0F70CA7A9D1B0F63CB1CB |
| MIME-Type | application/pdf |
| [File Properties] | |
| File Name | 15 OP-UA20.pdf |
| Hash | 7FC7E17AE16C66BE062C56D62AE990906F1C0B799210D07209E57A1506886A57 |
| MIME-Type | application/pdf |

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

| | |
|-------------------|---|
| [File Properties] | |
| File Name | OC Houston Title V Renewal Application.pdf |
| Hash | 1D851331433ECFE73D0E77C4B78B3AD6E1BDD5456D1864F08E35C5FFE324E08D |
| MIME-Type | application/pdf |

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

Expedite Title V

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

Certification

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

1. I am James R Hess, the owner of the STEERS account ER075490.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.

- 6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
- 7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
- 8. I am knowingly and intentionally signing Title V Existing 1543.
- 9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: James R Hess OWNER OPERATOR

| | |
|--------------------------------------|--|
| Account Number: | ER075490 |
| Signature IP Address: | 205.204.5.3 |
| Signature Date: | 2025-01-06 |
| Signature Hash: | 0159EB10612AFC763CE5768BEEFCBC1FAB020072E1C771E82758A42AB0C369E0 |
| Form Hash Code at time of Signature: | 907656DA8AE02996AA2FD3F9B518B908757B54DCF19DF3284A73C1DB4E508F8C |

Submission

| | |
|----------------------|---|
| Reference Number: | The application reference number is 682113 |
| Submitted by: | The application was submitted by ER075490/James R Hess |
| Submitted Timestamp: | The application was submitted on 2025-01-06 at 09:10:26 CST |
| Submitted From: | The application was submitted from IP address 205.204.5.3 |
| Confirmation Number: | The confirmation number is 616242 |
| Steers Version: | The STEERS version is 6.85 |
| Permit Number: | The permit number is 1543 |

Additional Information

Application Creator: This account was created by Jacob Post

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 11)
Federal Operating Permit Program
Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Dc: Standards of Performance for Industrial-Commercial Steam Generating Units
Texas Commission on Environmental Quality

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/31/2024 | 01543 | RN100225036 |

| Unit ID No. | SOP Index No. | Construction/Modification Date | Maximum Design Heat Input Capacity | Applicability | Heat Input Capacity | D-Series Fuel Type | D-Series Fuel Type | D-Series Fuel Type | ACF Option SO ₂ | ACF Option PM | 30% Coal Duct Burner |
|-------------|---------------|--------------------------------|------------------------------------|---------------|---------------------|--------------------|--------------------|--------------------|----------------------------|---------------|----------------------|
| EPN A130 | 60Dc | 05+ | 10- | | | | | | | | |
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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. |
|------------|------------|----------------------|
| 12/31/2024 | 01543 | RN100225036 |

| Unit ID No. | SOP/GOP Index No. | Construction/Modification Date ¹ | Storage Capacity ² | Product Stored | True Vapor Pressure | Storage Vessel Description | Reid Vapor Pressure | Maximum TVP | Estimated TVP | Control Device ID No. |
|-------------|-------------------|---|-------------------------------|----------------|---------------------|----------------------------|---------------------|-------------|---------------|-----------------------|
| FIN T1 | 60K | | | PTLQ-1 | 1.5- | NONE1 | OTH1- | 1- | | |
| FIN T19 | 60K | | | PTLQ-1 | 1.5- | NONE1 | OTH1- | 1- | | |
| FIN T20 | 60K | | | PTLQ-1 | 1.5- | NONE1 | OTH1- | 1- | | |
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¹ In accordance with the initial Title V application dated May 22, 2000, Tanks 1, 19, and 20 were constructed prior to 7/23/1984. Without specific construction information, applicability is evaluated.

² Exact storage capacities of the tanks in Table 1 is not known; however, the vapor pressure is relied upon for exemption from requirements of Subpart K.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 2)
Federal Operating Permit Program
Table 2: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Ka: Standards of Performance for Storage Vessels for Petroleum Liquids
Texas Commission on Environmental Quality

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/31/2024 | 01543 | RN100225036 |

| Unit ID No. ³ | SOP/GOP Index No. | Product Stored | Storage Capacity | True Vapor Pressure | Storage Vessel Description | AMEL ID No. | Reid Vapor Pressure | Maximum TVP | Estimated TVP | Control Device ID No. |
|--------------------------|-------------------|----------------|------------------|---------------------|----------------------------|-------------|---------------------|-------------|---------------|-----------------------|
| FIN T32 | 60Ka | PTLQ-2 | 40K+ | 1.5- | NONE2 | | OTH1- | 1- | | |
| FIN T33 | 60Ka | PTLQ-2 | 40K+ | 1.5- | NONE2 | | OTH1- | 1- | | |
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³ In accordance with the initial Title V application dated May 22, 2000, these units were constructed after 1980 and prior to 7/23/1984.

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

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/31/2024 | 01543 | RN100225036 |

| Unit ID No. | SOP/GOP Index No. | Product Stored | Storage Capacity ⁴ | WW Tank Control | Maximum TVP | Storage Vessel Description | AMEL ID No. | Guidepole | Reid Vapor Pressure | Control Device ID No. |
|-------------|-------------------|----------------|-------------------------------|-----------------|-------------|----------------------------|-------------|-----------|---------------------|-----------------------|
| EPN R43 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| EPN R44 | 60Kb | VOL | 10K-20K | | | | | | | |
| FIN R38 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| FIN R39 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| FIN R40 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| FIN R45 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| FIN R46 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| FIN R47 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| FIN R48 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| FIN R49 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| FIN R50 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| FIN R51 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| FIN R52 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| FIN R57 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| FIN R58 | 60Kb | VOL | | NONE | 0.5- | | | | | |

| Unit ID No. | SOP/GOP Index No. | Product Stored | Storage Capacity ⁴ | WW Tank Control | Maximum TVP | Storage Vessel Description | AMEL ID No. | Guidepole | Reid Vapor Pressure | Control Device ID No. |
|-------------|-------------------|----------------|-------------------------------|-----------------|-------------|----------------------------|-------------|-----------|---------------------|-----------------------|
| FIN R61 | 60Kb | VOL | 10K- | | | | | | | |
| FIN R62 | 60Kb | VOL | 10K- | | | | | | | |
| FIN R63 | 60Kb | VOL | 10K- | | | | | | | |
| FIN R64 | 60Kb | VOL | 10K- | | | | | | | |
| FIN R65 | 60Kb | VOL | 10K- | | | | | | | |
| FIN R66 | 60Kb | VOL | 10K- | | | | | | | |
| FIN R67 | 60Kb | VOL | 10K- | | | | | | | |

⁴ For tanks with unknown storage capacities, the vapor pressure is relied upon for negative applicability irrespective of capacity.

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

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/31/2024 | 01543 | RN100225036 |

| Unit ID No. | SOP/GOP Index No. | Alternate Control Requirement | ACR ID No. | Product Stored | Storage Capacity ⁵ | Throughput | Potential to Emit | Uncontrolled Emissions |
|-------------|-------------------|-------------------------------|------------|----------------|-------------------------------|------------|-------------------|------------------------|
| FIN T1 | R5112 | NO | | VOC1 | A40K ⁺⁶ | | | |
| FIN T19 | R5112 | NO | | VOC1 | A40K ⁺⁶ | | | |
| FIN T20 | R5112 | NO | | VOC1 | A40K ⁺⁶ | | | |
| FIN T32 | R5112 | NO | | VOC1 | A40K ⁺⁶ | | | |
| FIN T33 | R5112 | NO | | VOC1 | A40K ⁺⁶ | | | |
| FIN R38 | R5112 | NO | | VOC1 | A1K ⁻⁷ | | | |
| FIN R39 | R5112 | NO | | VOC1 | A1K ⁻⁷ | | | |
| FIN R40 | R5112 | NO | | VOC1 | A1K ⁻⁷ | | | |
| FIN R43 | R5112 | NO | | VOC1 | | | | |
| FIN R44 | R5112 | NO | | VOC1 | A1K-25K | | | |
| FIN R45 | R5112 | NO | | VOC1 | | | | |
| FIN R46 | R5112 | NO | | VOC1 | | | | |
| FIN R47 | R5112 | NO | | VOC1 | | | | |
| FIN R48 | R5112 | NO | | VOC1 | | | | |
| FIN R49 | R5112 | NO | | VOC1 | | | | |
| FIN R50 | R5112 | NO | | VOC1 | | | | |

| Unit ID No. | SOP/GOP Index No. | Alternate Control Requirement | ACR ID No. | Product Stored | Storage Capacity ⁵ | Throughput | Potential to Emit | Uncontrolled Emissions |
|-------------|-------------------|-------------------------------|------------|----------------|-------------------------------|------------|-------------------|------------------------|
| FIN R52 | R5112 | NO | | VOC1 | | | | |
| FIN R57 | R5112 | NO | | VOC1 | | | | |
| FIN R58 | R5112 | NO | | VOC1 | | | | |
| FIN R61 | R5112 | NO | | VOC1 | A1K-25K | | | |
| FIN R62 | R5112 | NO | | VOC1 | A1K-25K | | | |
| FIN R63 | R5112 | NO | | VOC1 | A1K-25K | | | |
| FIN R64 | R5112 | NO | | VOC1 | A1K-25K | | | |
| FIN R65 | R5112 | NO | | VOC1 | A1K-25K | | | |
| FIN R66 | R5112 | NO | | VOC1 | A1K-25K | | | |
| FIN R67 | R5112 | NO | | VOC1 | A1K- | | | |

⁵ Exact storage capacities of all tanks in Table 4a are not known; however, the vapor pressure is relied upon for negative applicability irrespective of capacity.

⁶ Storage capacity is based on information provided in the initial Title V application dated 2000.

⁷ Storage capacity is based on information provided in the 2009 Title V renewal application.

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

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/31/2024 | 01543 | RN100225036 |

| Unit ID No. | SOP/GOP Index No. | Construction Date | Tank Description | True Vapor Pressure | Primary Seal | Secondary Seal | Control Device Type | Control Device ID No. |
|-------------|-------------------|-------------------|------------------|---------------------|--------------|----------------|---------------------|-----------------------|
| FIN T1 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN T19 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN T20 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN T32 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN T33 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R38 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R39 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R40 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R43 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R44 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R45 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R46 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R47 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R48 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R49 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R50 | R5112 | NCE | NONE1 | 1- | | | | |

| Unit ID No. | SOP/GOP Index No. | Construction Date | Tank Description | True Vapor Pressure | Primary Seal | Secondary Seal | Control Device Type | Control Device ID No. |
|-------------|-------------------|-------------------|------------------|---------------------|--------------|----------------|---------------------|-----------------------|
| FIN R51 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R52 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R57 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R58 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R61 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R62 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R63 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R64 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R65 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R66 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R67 | R5112 | NCE | NONE1 | 1- | | | | |

Texas Commission on Environmental Quality
Asphalt Operations Plant Attributes
Form OP-UA 20 (Page 3)
Federal Operating Permit Program

Table 3a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart UU: Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture

| | | |
|--|--------------------------|--|
| Date: 12/31/2024 | Permit No.: O1543 | Regulated Entity No.: RN100225036 |
| Area Name: Owens Corning Roofing and Asphalt, LLC – Houston Roofing Plant | | Customer Reference No.: CN602134488 |

| Unit ID No. | SOP Index No | Plant Type | Construction/ Modification Date | Saturators | Material Produced/ Final Product | Emissions Control | Control Device ID No. | Construction/ Modification Date |
|-------------|--------------|------------|---------------------------------------|------------|--|----------------------|-----------------------------|---------------------------------------|
| FIN P4 | 60UU | ASRP | 80+ | YES | AS | AFB | EPN R70 | C80+ ¹ |
| FIN P11 | 60UU | ASRP | 80+ | YES | MS | AFB | EPN R70 | C80+ ¹ |
| FIN P11 | 60UU | ASRP | 80+ | YES | SS | AFB | EPN R70 | C80+ ¹ |
| FIN P22 | 60UU | ASRP | 80+ | YES | MS | AFB | EPN R70 | C80+ |
| FIN P22 | 60UU | ASRP | 80+ | YES | SS | AFB | EPN R70 | C80+ |
| FIN P23 | 60UU | ASRP | 80+ | NO | | | | |
| FIN P24 | 60UU | ASRP | 80+ | NO | | | | |
| FIN P25 | 60UU | ASRP | 80+ | NO | | | | |
| FIN P26 | 60UU | ASRP | 80+ | NO | | | | |
| FIN P27 | 60UU | ASRP | 80+ | NO | | | | |
| FIN P28 | 60UU | ASRP | 80+ | NO | | | | |
| FIN P29 | 60UU | ASRP | 80+ | NO | | | | |
| FIN P30 | 60UU | ASRP | 80+ | NO | | | | |
| EPN R9 | 60UU | ASRP | 80+ ² | NO | | | | |

| Unit ID No. | SOP Index No | Plant Type | Construction/ Modification Date | Saturators | Material Produced/ Final Product | Emissions Control | Control Device ID No. | Construction/ Modification Date |
|-------------|--------------|------------|---------------------------------------|------------|--|----------------------|-----------------------------|---------------------------------------|
| EPN R10 | 60UU | ASRP | 80+ ² | NO | | | | |
| EPN R15 | 60UU | ASRP | 80+ ² | NO | | | | |
| EPN R18C | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R38 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R39 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R40 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R43 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R44 | 60UU | ASRP | 80+ | NO | | | | |
| FIN R45 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R46 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R47 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R48 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R49 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R50 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R51 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R52 | 60UU | ASRP | 80+ ² | NO | | | | |
| EPN R56 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R57 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R58 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R61 | 60UU | ASRP | 80+ | NO | | | | |
| FIN R62 | 60UU | ASRP | 80+ | NO | | | | |
| FIN R63 | 60UU | ASRP | 80+ | NO | | | | |

| Unit ID No. | SOP Index No | Plant Type | Construction/ Modification Date | Saturators | Material Produced/ Final Product | Emissions Control | Control Device ID No. | Construction/ Modification Date |
|-------------|--------------|------------|---------------------------------------|------------|--|----------------------|-----------------------------|---------------------------------------|
| FIN R64 | 60UU | ASRP | 80+ | NO | | | | |
| FIN R65 | 60UU | ASRP | 80+ | NO | | | | |
| FIN R66 | 60UU | ASRP | 80+ | NO | | | | |
| FIN R67 | 60UU | ASRP | 80+ | NO | | | | |
| FIN D3 | 60UU | ASRP | 80+ | NO | | | | |
| FIN D4 | 60UU | ASRP | 80+ | NO | | | | |
| FIN T1 | 60UU | ASRP | 80 ⁺² | NO | | | | |
| FIN T19 | 60UU | ASRP | 80 ⁺² | NO | | | | |
| FIN T20 | 60UU | ASRP | 80 ⁺² | NO | | | | |
| FIN T32 | 60UU | ASRP | 80 ⁺² | NO | | | | |
| FIN T33 | 60UU | ASRP | 80 ⁺² | NO | | | | |

¹ The construction/modification date is based on information provided in the initial Title V application dated May 22, 2000.

² The specific construction/modification date is unknown. Applicability to NSPS UU based on a construction date after 1980 is assumed.

Texas Commission on Environmental Quality
Asphalt Operations Plant Attributes
Form OP-UA 20 (Page 4)
Federal Operating Permit Program

Table 3b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart UU: Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture

| | | |
|--|--------------------------|--|
| Date: 12/31/2024 | Permit No.: O1543 | Regulated Entity No.: RN100225036 |
| Area Name: Owens Corning Roofing and Asphalt, LLC – Houston Roofing Plant | | Customer Reference No.: CN602134488 |

| Unit ID No. | SOP Index No. | Blowing Still | Material Produced | Emissions Control | Control Device ID No. | Construction/Modification Date | Catalyst Added | Fuel Type | Alternative Opacity Standard | AOS ID No. |
|-------------|---------------|---------------|-------------------|-------------------|-----------------------|--------------------------------|----------------|-----------|------------------------------|------------|
| FIN P4 | 60UU | NO | | | | | | | | |
| FIN P11 | 60UU | NO | | | | | | | | |
| FIN P22 | 60UU | NO | | | | | | | | |
| FIN P23 | 60UU | NO | | | | | | | | |
| FIN P24 | 60UU | NO | | | | | | | | |
| FIN P25 | 60UU | NO | | | | | | | | |
| FIN P26 | 60UU | NO | | | | | | | | |
| FIN P27 | 60UU | NO | | | | | | | | |
| FIN P28 | 60UU | NO | | | | | | | | |
| FIN P29 | 60UU | NO | | | | | | | | |
| FIN P30 | 60UU | NO | | | | | | | | |
| EPN R9 | 60UU | NO | | | | | | | | |
| EPN R10 | 60UU | NO | | | | | | | | |
| EPN R15 | 60UU | NO | | | | | | | | |

| Unit ID No. | SOP Index No. | Blowing Still | Material Produced | Emissions Control | Control Device ID No. | Construction/Modification Date | Catalyst Added | Fuel Type | Alternative Opacity Standard | AOS ID No. |
|-------------|---------------|---------------|-------------------|-------------------|-----------------------|--------------------------------|----------------|-----------|------------------------------|------------|
| EPN R18C | 60UU | NO | | | | | | | | |
| FIN R38 | 60UU | NO | | | | | | | | |
| FIN R39 | 60UU | NO | | | | | | | | |
| FIN R40 | 60UU | NO | | | | | | | | |
| FIN R43 | 60UU | NO | | | | | | | | |
| FIN R44 | 60UU | NO | | | | | | | | |
| FIN R45 | 60UU | NO | | | | | | | | |
| FIN R46 | 60UU | NO | | | | | | | | |
| FIN R47 | 60UU | NO | | | | | | | | |
| FIN R48 | 60UU | NO | | | | | | | | |
| FIN R49 | 60UU | NO | | | | | | | | |
| FIN R50 | 60UU | NO | | | | | | | | |
| FIN R51 | 60UU | NO | | | | | | | | |
| FIN R52 | 60UU | NO | | | | | | | | |
| EPN R56 | 60UU | NO | | | | | | | | |
| FIN R57 | 60UU | NO | | | | | | | | |
| FIN R58 | 60UU | NO | | | | | | | | |
| FIN R61 | 60UU | NO | | | | | | | | |
| FIN R62 | 60UU | NO | | | | | | | | |
| FIN R63 | 60UU | NO | | | | | | | | |
| FIN R64 | 60UU | NO | | | | | | | | |
| FIN R65 | 60UU | NO | | | | | | | | |

| Unit ID No. | SOP Index No. | Blowing Still | Material Produced | Emissions Control | Control Device ID No. | Construction/ Modification Date | Catalyst Added | Fuel Type | Alternative Opacity Standard | AOS ID No. |
|-------------|---------------|---------------|-------------------|-------------------|-----------------------|---------------------------------|----------------|-----------|------------------------------|------------|
| FIN R66 | 60UU | NO | | | | | | | | |
| FIN R67 | 60UU | NO | | | | | | | | |
| FIN D3 | 60UU | NO | | | | | | | | |
| FIN D4 | 60UU | NO | | | | | | | | |
| FIN T1 | 60UU | NO | | | | | | | | |
| FIN T19 | 60UU | NO | | | | | | | | |
| FIN T20 | 60UU | NO | | | | | | | | |
| FIN T32 | 60UU | NO | | | | | | | | |
| FIN T33 | 60UU | NO | | | | | | | | |

Texas Commission on Environmental Quality
Asphalt Operations Plant Attributes
Form OP-UA 20 (Page 5)
Federal Operating Permit Program

Table 3c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart UU: Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture

| | | |
|--|--------------------------|--|
| Date: 12/31/2024 | Permit No.: O1543 | Regulated Entity No.: RN100225036 |
| Area Name: Owens Corning Roofing and Asphalt, LLC – Houston Roofing Plant | | Customer Reference No.: CN602134488 |

| Unit ID No. | SOP Index No. | Storage Tanks | Material Stored | Emissions Control | Control Device ID No. | Construction/Modification Date | Mineral Handling/Storage | Emissions Control | Control Device ID No. |
|-------------|---------------|---------------|-----------------|-------------------|-----------------------|--------------------------------|--------------------------|-------------------|-----------------------|
| FIN P4 | 60UU | NO | | | | | NO | | |
| FIN P11 | 60UU | NO | | | | | NO | | |
| FIN P22 | 60UU | NO | | | | | NO | | |
| FIN P23 | 60UU | NO | | | | | NO | | |
| FIN P24 | 60UU | NO | | | | | NO | | |
| FIN P25 | 60UU | NO | | | | | NO | | |
| FIN P26 | 60UU | NO | | | | | NO | | |
| FIN P27 | 60UU | NO | | | | | NO | | |
| FIN P28 | 60UU | NO | | | | | NO | | |
| FIN P29 | 60UU | NO | | | | | NO | | |
| FIN P30 | 60UU | NO | | | | | NO | | |
| EPN R9 | 60UU | NO | | | | | YES | OTHER | EPN R9 |
| EPN R10 | 60UU | NO | | | | | NO | | |
| EPN R15 | 60UU | NO | | | | | NO | | |

| Unit ID No. | SOP Index No. | Storage Tanks | Material Stored | Emissions Control | Control Device ID No. | Construction/Modification Date | Mineral Handling/Storage | Emissions Control | Control Device ID No. |
|-------------|---------------|---------------|-----------------|-------------------|-----------------------|--------------------------------|--------------------------|-------------------|-----------------------|
| EPN R18C | 60UU | NO | | | | | YES | NA | |
| FIN R38 | 60UU | YES | OTHER | NA | | | NO | | |
| FIN R39 | 60UU | YES | OTHER | NA | | | NO | | |
| FIN R40 | 60UU | YES | OTHER | NA | | | NO | | |
| FIN R43 | 60UU | YES | OTHER | NA | | | NO | | |
| FIN R44 | 60UU | YES | OTHER | NA | | | NO | | |
| FIN R45 | 60UU | YES | OTHER | AFB | EPN R70 | 81+ | NO | | |
| FIN R46 | 60UU | YES | OTHER | AFB | EPN R70 | 81+ | NO | | |
| FIN R47 | 60UU | YES | OTHER | AFB | EPN R70 | 81+ | NO | | |
| FIN R48 | 60UU | YES | OTHER | AFB | EPN R70 | 81+ | NO | | |
| FIN R49 | 60UU | YES | OTHER | AFB | EPN R70 | 81+ | NO | | |
| FIN R50 | 60UU | YES | OTHER | AFB | EPN R70 | 81+ | NO | | |
| FIN R51 | 60UU | YES | OTHER | AFB | EPN R70 | 81+ | NO | | |
| FIN R52 | 60UU | YES | OTHER | AFB | EPN R70 | 81+ | NO | | |
| EPN R56 | 60UU | NO | | | | | NO | | |
| FIN R57 | 60UU | YES | OTHER | NA | | | NO | | |
| FIN R58 | 60UU | YES | OTHER | AFB | EPN R70 | 81+ | NO | | |
| FIN R61 | 60UU | NO | | | | | NO | | |
| FIN R62 | 60UU | NO | | | | | NO | | |
| FIN R63 | 60UU | NO | | | | | NO | | |
| FIN R64 | 60UU | NO | | | | | NO | | |
| FIN R65 | 60UU | NO | | | | | NO | | |

| Unit ID No. | SOP Index No. | Storage Tanks | Material Stored | Emissions Control | Control Device ID No. | Construction/Modification Date | Mineral Handling/Storage | Emissions Control | Control Device ID No. |
|-------------|---------------|---------------|-----------------|-------------------|-----------------------|--------------------------------|--------------------------|-------------------|-----------------------|
| FIN R66 | 60UU | NO | | | | | NO | | |
| FIN R67 | 60UU | NO | | | | | NO | | |
| FIN D3 | 60UU | NO | | | | | NO | | |
| FIN D4 | 60UU | NO | | | | | NO | | |
| FIN T1 | 60UU | YES | OTHER | OTHER | EPN A44 | 81+ | NO | | |
| FIN T19 | 60UU | YES | OTHER | OTHER | EPN A44 | 81+ | NO | | |
| FIN T20 | 60UU | YES | OTHER | OTHER | EPN A44 | 81+ | NO | | |
| FIN T32 | 60UU | YES | OTHER | OTHER | EPN A44 | 81+ | NO | | |
| FIN T33 | 60UU | YES | OTHER | OTHER | EPN A44 | 81+ | NO | | |

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

Federal Operating Permit Program

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

Subchapter B: Vent Gas Control

Texas Commission on Environmental Quality

| Date | Permit No. | Regulated Entity No. |
|----------|------------|----------------------|
| 12/31/24 | 01543 | RN100225036 |

| Emission Point ID No. | SOP/GOP Index No. | Chapter 115 Division | Combustion Exhaust | Vent Type | Total Uncontrolled VOC Weight | Combined 24-Hour VOC Weight | VOC Concentration | VOC Concentration or Emission Rate at Maximum Operating Conditions |
|-----------------------|-------------------|----------------------|--------------------|-----------|-------------------------------|-----------------------------|-------------------|--|
| EPN R70 | R5121 | NO | NO | REGVAPPL | | 100+ | 612- | YES |
| EPN R15 | R5121 | NO | NO | REGVAPPL | | 100- | 612- | YES |
| EPN R3 | R5121 | NO | NO | REGVAPPL | | 100- | 612- | YES |
| EPN R4 | R5121 | NO | NO | REGVAPPL | | 100- | 612- | YES |
| EPN R5 | R5121 | NO | NO | REGVAPPL | | 100- | 612- | YES |
| EPN R6 | R5121 | NO | NO | REGVAPPL | | 100- | 612- | YES |
| EPN R7 | R5121 | NO | NO | REGVAPPL | | 100- | 612- | YES |
| EPN R8 | R5121 | NO | NO | REGVAPPL | | 100- | 612- | YES |
| | | | | | | | | |
| | | | | | | | | |

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

| Date | Permit No. | Regulated Entity No. |
|----------|------------|----------------------|
| 12/31/24 | 01543 | RN100225036 |

| Emission Point ID No. | SOP Index No. | Effective Stack Height |
|-----------------------|---------------|------------------------|
| EPN R15 | R1151 | NO |
| | | |
| | | |
| | | |
| | | |
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**Texas Commission on Environmental Quality
Miscellaneous Unit Attributes
Form OP-UA1 (Page 1)
Federal Operating Permit Program**

| | |
|------------------------------|--------------------|
| Date: | 12/31/2024 |
| Permit No.: | O1543 |
| Regulated Entity No.: | RN100225036 |

| Unit ID No. | SOP/GOP Index No. | Unit Type | Date Constructed/Placed in Service | Functionally Identical Replacement | Maximum Rated Capacity | Technical Information and Unit Description |
|-------------|-------------------|-----------|------------------------------------|------------------------------------|------------------------|--|
| FIN P4 | 63AAAAAAA | EU | 2017 | | | Asphalt coater constructed after July 9, 2009 |
| FIN P11 | 63AAAAAAA | EU | Prior to 2009 | | | Asphalt coater constructed before July 9, 2009 |
| FIN P22 | 63AAAAAAA | EU | Planned 2025 | | | Asphalt coater constructed after July 9, 2009 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
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**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR**

Table 1

| Date | Permit No. | Regulated Entity No. |
|----------|------------|----------------------|
| 12/31/24 | O1543 | RN100225036 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|--------------------|------------------------------|------------------------|------------------------------------|--|---------------------|---|---|
| D | 24 | EPN R1 | | Coater Fiber Bed Filter Stack | | NSR-21768 | |
| | | EPN R2 | OP-REQ2 | Filler Heater Stack | | NSR-21768 | |
| | | EPN R3 | OP-UA15 | Cooling Section Stack 1 | | NSR-21768 | |
| | | EPN R4 | OP-UA15 | Cooling Section Stack 2 | | NSR-21768 | |
| | | EPN R5 | OP-UA15 | General Ventilation Vent #1 | | NSR-21768 | |
| | | EPN R6 | OP-UA15 | General Ventilation Vent #2 | | NSR-21768 | |
| | | EPN R7 | OP-UA15 | General Ventilation Vent #3 | | NSR-21768 | |
| | | EPN R9 | OP-UA20 | Filler Storage Silo Baghouse Stack | | NSR-21768 | |
| | | EPN R10 | OP-UA20 | Filler Upper Surge Hopper Baghouse Stack | | NSR-21768 | |
| | | EPN R14 | OP-REQ2 | Asphalt Preheater No. 1 Stack | | NSR-21768 | |
| | | EPN R15 | OP-UA15, OP-UA20 | Roofing Line Process Dust Collector Stack | | NSR-21768 | |

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

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

Page ____ of ____

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|-----------------|---------------------------|---------------------|------------------------------|---|------------------|---|--|
| | | EPN R18C | OP-UA20 | Surfacing Material Truck Unloading | | NSR-21768 | |
| D | 27 | EPN R18A | OP-UA20 | Surfacing Material Rail Unloading | | NSR-21768 | |
| | | EPN R59 | | Surfacing Material Railcar Unloading Dust Collector Stack | | NSR-21768 | |
| | | EPN R43 | OP-UA3, OP-UA20 | Asphalt Melt Tank | | NSR-21768 | |
| D | 25 | EPN R53 | | Roofing Quality Lab Parts Washer | | NSR-21768 | |
| D | 26 | EPN A122 | | Solvent Cold Cleaner | | NSR-21768 | |
| | | EPN A44 | OP-UA15 | Fiber Bed Filter | | NSR-21768 | |
| | | EPN A130 | OP-UA6 | Boiler | | NSR-21768 | |
| | | EPN R55 | OP-REQ2 | Roofing Hot Oil Heater | | NSR-21768 | |
| | | EPN R56 | OP-UA20 | Hot Filler Bin Vent | | NSR-21768 | |
| | | EPN A64 | OP-REQ2 | Tank Burner 1 | | NSR-21768 | |
| | | EPN A69 | OP-REQ2 | Tank Burner 19 | | NSR-21768 | |
| | | EPN A70 | OP-REQ2 | Tank Burner 20 | | NSR-21768 | |
| | | EPN A78 | OP-REQ2 | Tank Burner 32 | | NSR-21768 | |
| | | EPN A79 | OP-REQ2 | Tank Burner 33 | | NSR-21768 | |
| | | FIN T1 | OP-UA3, OP-UA20 | Tank 1 | | NSR-21768 | |
| | | FIN T19 | OP-UA3, OP-UA20 | Tank 19 | | NSR-21768 | |

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

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

Page ____ of ____

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|-----------------|---------------------------|---------------------|------------------------------|--------------------------------|------------------|---|--|
| | | FIN T20 | OP-UA3, OP-UA20 | Tank 20 | | NSR-21768 | |
| | | FIN T32 | OP-UA3, OP-UA20 | Tank 32 | | NSR-21768 | |
| | | FIN T33 | OP-UA3, OP-UA20 | Tank 33 | | NSR-21768 | |
| | | FIN R35 | | Adhesive Applicator | | NSR-21768 | |
| | | FIN R32 | | Sealant Applicator | | NSR-21768 | |
| | | FIN R38 | OP-UA3, OP-UA20 | Sealant Use Tank | | NSR-21768 | |
| | | FIN R39 | OP-UA3, OP-UA20 | Adhesive Use Tank | | NSR-21768 | |
| | | FIN R40 | OP-UA3, OP-UA20 | Sealant Melt Tank 1 | | NSR-21768 | |
| | | FIN R45 | OP-UA3, OP-UA20 | Mix Tank | | NSR-21768 | |
| | | FIN R46 | OP-UA3, OP-UA20 | Let Down Tank (Swing Tank) | | NSR-21768 | |
| | | FIN R47 | OP-UA3, OP-UA20 | Core Batch Tank #1 | | NSR-21768 | |
| | | FIN R48 | OP-UA3, OP-UA20 | Core Batch Tank #2 | | NSR-21768 | |
| | | FIN R49 | OP-UA3, OP-UA20 | Sticky Batch Tank #1 | | NSR-21768 | |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|-----------------|---------------------------|---------------------|------------------------------|-----------------------------------|------------------|---|--|
| | | FIN R50 | OP-UA3, OP-UA20 | Sticky Batch Tank #2 | | NSR-21768 | |
| | | FIN R51 | OP-UA3, OP-UA20 | Horizontal Mixer | | NSR-21768 | |
| | | FIN R52 | OP-UA3, OP-UA20 | Filled Coating Surge Tank | | NSR-21768 | |
| | | FIN R57 | OP-UA3, OP-UA20 | Wetting Tank | | NSR-21768 | |
| | | FIN R58 | OP-UA3, OP-UA20 | Coater Surge Tank | | NSR-21768 | |
| | | FIN H7 | OP-REQ2 | IR Heater | | NSR-21768 | |
| | | FIN P4 | OP-UA1, OP-UA20 | Coater | | NSR-21768 | |
| | | FIN P11 | OP-UA1, OP-UA20 | Underlayment Coaters | | NSR-21768 | |
| | | Cooling Tower | OP-REQ1 | Facility Cooling Tower | | 106.371/9/4/2000 | |
| | | MSS Requirements | OP-REQ1 | Incorporation of MSS requirements | | 106.263/11/1/2001 & NSR-21768 | |
| A | 1 | EPN R70 | OP-UA15 | Roofing RTO | | NSR-21768 | |
| A | 2 | EPN R8 | OP-UA15 | South General Ventilation | | NSR-21768 | |
| A | 3 | EPN R60 | OP-REQ2 | South Hot Oil Heater | | NSR-21768 | |
| A | 4 | EPN R44 | OP-UA3 | Modifier Oil Tank | | NSR-21768 | |
| A | 5 | FIN R61 | OP-UA3, OP-UA20 | Batch Tank 1 | | NSR-21768 | |

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

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

Page ____ of ____

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|-----------------|---------------------------|---------------------|------------------------------|--------------------------------|------------------|---|--|
| A | 6 | FIN R62 | OP-UA3, OP-UA20 | Batch Tank 2 | | NSR-21768 | |
| A | 7 | FIN R63 | OP-UA3, OP-UA20 | Batch Tank 3 | | NSR-21768 | |
| A | 8 | FIN R64 | OP-UA3, OP-UA20 | Batch Tank 4 | | NSR-21768 | |
| A | 9 | FIN R65 | OP-UA3, OP-UA20 | Mixing Tank | | NSR-21768 | |
| A | 10 | FIN R66 | OP-UA3, OP-UA20 | Let Down Tank | | NSR-21768 | |
| A | 11 | FIN R67 | OP-UA3, OP-UA20 | Wet Mixing Tank | | NSR-21768 | |
| A | 12 | FIN P22 | OP-UA1, OP-UA20 | South Underlayment Coater | | NSR-21768 | |
| A | 13 | FIN P23 | OP-UA20 | Dense Phase Bin | | NSR-21768 | |
| A | 14 | FIN P24 | OP-UA20 | Tank Filler Hopper 1 Bin Vent | | NSR-21768 | |
| A | 15 | FIN P25 | OP-UA20 | Tank Filler Hopper 2 Bin Vent | | NSR-21768 | |
| A | 16 | FIN P26 | OP-UA20 | Filler Bin | | NSR-21768 | |
| A | 17 | FIN P27 | OP-UA20 | Polymer Bin Vent | | NSR-21768 | |
| A | 18 | FIN P28 | OP-UA20 | Additive 1 | | NSR-21768 | |
| A | 19 | FIN P29 | OP-UA20 | Additive 2 | | NSR-21768 | |
| A | 20 | FIN P30 | OP-UA20 | Additive 3 | | NSR-21768 | |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|----------------------------|--------------------------------------|--------------------------------|---|---------------------------------------|-----------------------------|--|---|
| A | 21 | FIN P31 | | South Printer | | NSR-21768 | |
| A | 22 | FIN D3 | OP-UA20 | Granule Bin | | NSR-21768 | |
| A | 23 | FIN D4 | OP-UA20 | Backdust Bin | | NSR-21768 | |

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

Table 1a: Additions

| | | |
|---|--|--------------------------|
| Date: 12/31/2024 | Regulated Entity No.: RN100225036 | Permit No.: O1543 |
| Company Name: Owens Corning Roofing and Asphalt, LLC | Area Name: Owens Corning Roofing and Asphalt, LLC – Houston Roofing Plant | |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No | Pollutant | Applicable Regulatory Requirement Name | Applicable Regulatory Requirement Standard(s) |
|--------------|---------------------------|------------------------------------|------------------|--------------|--|--|
| 1 | EPN R70 | OP-UA15 | R1111 | PM | 30 TAC Chapter 111 Subchapter A Division 1 | §111.111(a)(1)(B), §111.111(a)(1)(F)(ii) and (G) |
| 2 | EPN R8 | OP-UA15 | R1111 | PM | 30 TAC Chapter 111 Subchapter A Division 1 | §111.111(a)(1)(B), §111.111(a)(1)(F)(ii) and (G) |
| 3 | EPN R60 | OP-REQ2 | R1111 | PM | 30 TAC Chapter 111 Subchapter A Division 1 | §111.111(a)(1)(B), §111.111(a)(1)(F)(ii) and (G) |
| 12 | FIN P22 | OP-UA1, OP-UA20 | 60UU | PM | 40 CFR Part 60 Subpart UU | §60.472(a)(1)(ii) |
| 12 | FIN P22 | OP-UA1, OP-UA20 | 60UU | PM (Opacity) | 40 CFR Part 60 Subpart UU | §60.472(a)(2),(3) |
| 12 | FIN P22 | OP-UA1, OP-UA20 | 63AAAAAAA | PM | 40 CFR Part 63 Subpart AAAAAAA | §63.11561(b) |
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**Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program**

Table 1b: Additions

| | | |
|---|--|--------------------------|
| Date: 12/31/2024 | Regulated Entity No.: RN100225036 | Permit No.: O1543 |
| Company Name: Owens Corning Roofing and Asphalt, LLC | Area Name: Owens Corning Roofing and Asphalt, LLC – Houston Roofing Plant | |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements | Recordkeeping Requirements | Reporting Requirements |
|--------------|---------------------------|-------------------|--------------|--|----------------------------|--------------------------|
| 1 | EPN R70 | R1111 | PM | N/A | N/A | N/A |
| 2 | EPN R8 | R1111 | PM | N/A | N/A | N/A |
| 3 | EPN R60 | R1111 | PM | N/A | N/A | N/A |
| 12 | FIN P22 | 60UU | PM | §60.473(c) §60.473(d) §60.474(a) §60.474(a)(2) §60.474(b) §60.474(c)(1) §60.474(c)(2) §60.474(c)(3) | §60.473(d) | §60.473(c) §60.473(d) |
| 12 | FIN P22 | 60UU | PM (Opacity) | §60.473(d) §60.474(a) §60.474(a)(2) §60.474(b) §60.474(c)(5) §60.474(d) | §60.473(d) | §60.473(d) |

| | | | | | | |
|----|---------|-----------|----|---|---|--|
| 12 | FIN P22 | 63AAAAAAA | PM | §63.11562(b) §63.11562(d) §63.11562(g) §63.11562(h) §63.11562(i)(1) §63.11562(i)(2)(ii) §63.11562(i)(4) §63.11563(a) §63.11563(b) §63.11563(c) §63.11563(d) §63.11563(i) §63.11563(j) §63.11563(k) | §63.11564(c)(1) §63.11564(c)(2) §63.11564(c)(3) §63.11564(c)(4) §63.11564(c)(8) §63.11564(c)(10) | §63.11564(a)(1) §63.11564(a)(3) §63.11564(a)(4) §63.11564(a)(5) §63.11564(b) |
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**Applicable Requirements Summary
Form OP-REQ3 (Page 3)
Federal Operating Permit Program**

Table 2a: Deletions

| | | |
|---|--|--------------------------|
| Date: 12/31/2024 | Regulated Entity No.: RN100225036 | Permit No.: O1543 |
| Company Name: Owens Corning Roofing and Asphalt, LLC | Area Name: Owens Corning Roofing and Asphalt, LLC – Houston Roofing Plant | |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No. | Pollutant | Applicable Regulatory Requirement Name | Applicable Regulatory Requirement Standard(s) |
|--------------|---------------------------|------------------------------------|-------------------|--------------|---|--|
| 24 | EPN R1 | | R5121 | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.127(a)(2)(A) § 115.122(a)(4) § 115.127(a)(2) |
| 24 | EPN R1 | | R5121 | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.127(a)(2)(B) § 115.122(a)(4) § 115.127(a)(2) |
| 24 | EPN R1 | | 60UU | PM (Opacity) | 40 CFR Part 60, Subpart UU | § 60.472(a)(2) § 60.472(a)(3) |
| 24 | EPN R1 | | 63AAAAAA AA | PM | 40 CFR Part 63, Subpart AAAAAAA | § 63.11561(b)-Table 2.1.b § 63.11561(b) § 63.11561(c) § 63.11563(i) |
| 25 | EPN R53 | | R5412 | VOC | 30 TAC Chapter 115, Degreasing Processes | § 115.412(1) § 115.411(1) § 115.412(1)(A) § 115.412(1)(C) § 115.412(1)(E) § 115.412(1)(F) |

| | | | | | | |
|----|----------|--|-------|--------------|---|--|
| 26 | EPN A122 | | R5412 | VOC | 30 TAC Chapter 115, Degreasing Processes | § 115.412(1) § 115.411(1) § 115.412(1)(A) § 115.412(1)(C) § 115.412(1)(E) § 115.412(1)(F) |
| 27 | EPN R18A | | 60UU | PM (Opacity) | 40 CFR Part 60, Subpart UU | § 60.473(c) § 60.473(d) § 60.474(b) § 60.474(c)(5) |
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Applicable Requirements Summary
Form OP-REQ3 (Page 4)
Federal Operating Permit Program

Table 2b: Deletions

| | | |
|---|--|--|
| Date: 12/31/2024 | Regulated Entity No.: RN100225036 | Permit No.: O1543 |
| Company Name: Owens Corning Roofing and Asphalt, LLC | | Area Name: Owens Corning Roofing and Asphalt, LLC – Houston Roofing Plant |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements | Recordkeeping Requirements | Reporting Requirements |
|--------------|---------------------------|------------------------------------|-------------------|-----------------|---|---|--|
| 24 | EPN R1 | | R5121 | VOC | § 115.125 § 115.126(2) § 115.126(3)(B) | § 115.126 § 115.126(2) § 115.126(3) § 115.126(3)(B) | None |
| 24 | EPN R1 | | R5121 | VOC | § 115.125 § 115.126(2) § 115.126(3)(C) | § 115.126 § 115.126(2) § 115.126(3) § 115.126(3)(C) | None |
| 24 | EPN R1 | | 60UU | PM (Opacity) | § 60.473(d) § 60.474(a) § 60.474(a)(1) § 60.474(b) § 60.474(c)(5) § 60.474(d) | § 60.473(d) | § 60.473(d) |
| 24 | EPN R1 | | 63AAAAAAA | PM | § 63.11562(b) § 63.11562(b)(1) § 63.11562(b)(3) § 63.11562(d) § 63.11562(g) § 63.11562(i)(1) § 63.11562(i)(2) | § 63.11563(c) § 63.11564(c) § 63.11564(c)(1) § 63.11564(c)(10) § 63.11564(c)(2) § 63.11564(c)(3) § 63.11564(c)(4) | § 63.11564(a) § 63.11564(a)(1) § 63.11564(a)(2) § 63.11564(a)(4) § 63.11564(a)(5) § 63.11564(a)(6) § 63.11564(b) |

| | | | | | | | |
|----|----------|--|-------|-----------------|--|--------------------------------------|----------------------------|
| | | | | | § 63.11562(i)(2)(ii) § 63.11562(i)(4) § 63.11563(a) § 63.11563(a)-Table 4.2.a § 63.11563(a)-Table 4.2.b § 63.11563(b) § 63.11563(c) § 63.11563(d) § 63.11563(e) § 63.11563(i) § 63.11563(j) § 63.11563(k) | § 63.11564(c)(5) § 63.11564(c)(8) | |
| 25 | EPN R53 | | R5412 | VOC | § 115.415(1) § 115.415(3) | None | None |
| 26 | EPN A122 | | R5412 | VOC | § 115.415(1) § 115.415(3) | None | None |
| 27 | EPN R18A | | 60UU | PM (Opacity) | § 60.473(c) § 60.473(d) § 60.474(b) § 60.474(c)(5) | § 60.473(d) | § 60.473(c) § 60.473(d) |
| | | | | | | | |
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Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations
Texas Commission on Environmental Quality

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/31/2024 | 01543 | RN100225036 |

| Unit AI | Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | Potentially Applicable Regulatory Name | Negative Applicability/Superseded Requirement Citation | Negative Applicability/Superseded Requirement Reason |
|---------|--------------|---------------------------|------------------------------------|--|--|--|
| | | FIN T1 | OP-UA3, OP-UA20 | NSPS Subpart K | §60.113(d)(1) | Vapor pressure of stored VOC is less than 1 psia |
| | | FIN T19 | OP-UA3, OP-UA20 | NSPS Subpart K | §60.113(d)(1) | Vapor pressure of stored VOC is less than 1 psia |
| | | FIN T20 | OP-UA3, OP-UA20 | NSPS Subpart K | §60.113(d)(1) | Vapor pressure of stored VOC is less than 1 psia |
| | | FIN T32 | OP-UA3, OP-UA20 | NSPS Subpart Ka | §60.115(d)(1) | Vapor pressure of stored VOC is less than 1 psia |
| | | FIN T33 | OP-UA3, OP-UA20 | NSPS Subpart Ka | §60.115(d)(1) | Vapor pressure of stored VOC is less than 1 psia |
| | | EPN R43 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| | | FIN R38 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| | | FIN R39 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| | | FIN R40 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| | | FIN R45 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| | | FIN R46 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| | | FIN R47 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |

| Unit AI | Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | Potentially Applicable Regulatory Name | Negative Applicability/Superseded Requirement Citation | Negative Applicability/Superseded Requirement Reason |
|---------|--------------|---------------------------|------------------------------------|--|--|--|
| | | FIN R48 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| | | FIN R49 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| | | FIN R50 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| | | FIN R51 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| | | FIN R52 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| | | FIN R57 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| | | FIN R58 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| A | 5 | FIN R61 | OP-UA3, OP-UA20 | NSPS Subpart Kc | §60.110c(a) | Storage vessel capacity is less than 75 m ³ |
| A | 6 | FIN R62 | OP-UA3, OP-UA20 | NSPS Subpart Kc | §60.110c(a) | Storage vessel capacity is less than 75 m ³ |
| A | 7 | FIN R63 | OP-UA3, OP-UA20 | NSPS Subpart Kc | §60.110c(a) | Storage vessel capacity is less than 75 m ³ |
| A | 8 | FIN R64 | OP-UA3, OP-UA20 | NSPS Subpart Kc | §60.110c(a) | Storage vessel capacity is less than 75 m ³ |
| A | 9 | FIN R65 | OP-UA3, OP-UA20 | NSPS Subpart Kc | §60.110c(a) | Storage vessel capacity is less than 75 m ³ |
| A | 10 | FIN R66 | OP-UA3, OP-UA20 | NSPS Subpart Kc | §60.110c(a) | Storage vessel capacity is less than 75 m ³ |
| A | 11 | FIN R67 | OP-UA3, OP-UA20 | NSPS Subpart Kc | §60.110c(a) | Storage vessel capacity is less than 75 m ³ |
| | | EPN A130 | OP-UA6 | NSPS Subpart Dc | §60.40c(a) | The boiler burns only natural gas and has a maximum design heat input capacity of 6.825 MMBtu/hr |
| | | EPN R2 | OP-REQ2 | NESHAP Subpart DDDDD | §63.7485 | Owens Corning Houston is not a major source of HAP. |

| Unit AI | Revision No. | Unit/Group/ Process ID No. | Unit/Group/ Process Applicable Form | Potentially Applicable Regulatory Name | Negative Applicability/Superseded Requirement Citation | Negative Applicability/Superseded Requirement Reason |
|---------|--------------|----------------------------|-------------------------------------|--|--|--|
| | | EPN R14 | OP-REQ2 | NESHAP Subpart DDDDD | §63.7485 | Owens Corning Houston is not a major source of HAP. |
| | | EPN R55 | OP-REQ2 | NESHAP Subpart DDDDD | §63.7485 | Owens Corning Houston is not a major source of HAP. |
| | | EPN R60 | OP-REQ2 | NESHAP Subpart DDDDD | §63.7485 | Owens Corning Houston is not a major source of HAP. |
| | | EPN A64 | OP-REQ2 | NESHAP Subpart DDDDD | §63.7485 | Owens Corning Houston is not a major source of HAP. |
| | | EPN A69 | OP-REQ2 | NESHAP Subpart DDDDD | §63.7485 | Owens Corning Houston is not a major source of HAP. |
| | | EPN A70 | OP-REQ2 | NESHAP Subpart DDDDD | §63.7485 | Owens Corning Houston is not a major source of HAP. |
| | | EPN A78 | OP-REQ2 | NESHAP Subpart DDDDD | §63.7485 | Owens Corning Houston is not a major source of HAP. |
| | | EPN A79 | OP-REQ2 | NESHAP Subpart DDDDD | §63.7485 | Owens Corning Houston is not a major source of HAP. |
| | | FIN H7 | OP-REQ2 | NESHAP Subpart DDDDD | §63.7485 | Owens Corning Houston is not a major source of HAP. |
| | | EPN R10 | OP-UA20 | NSPS Subpart UU | §60.471 | The definition of material handling only includes unloading from a carrier, conveyor transfer points between the carrier and the storage silos, and the storage silos. Vents in the roofing manufacturing process that have emissions from material handling are not included. |
| | | EPN R15 | OP-UA15, OP-UA20 | NSPS Subpart UU | §60.471 | The definition of material handling only includes unloading from a carrier, conveyor transfer points between the carrier and the storage silos, and the storage silos. Vents in the roofing manufacturing process that have emissions from material handling are not included. |
| | | EPN R56 | OP-UA20 | NSPS Subpart UU | §60.471 | The definition of material handling only includes unloading from a carrier, conveyor transfer points between the carrier and the storage silos, and the storage silos. Vents in the roofing manufacturing process that have emissions from material handling are not included. |
| A | 13 | FIN P23 | OP-UA20 | NSPS Subpart UU | §60.471 | The bin vent is not subject, as it is located after the storage silos and is not considered part of the affected source. |
| A | 14 | FIN P24 | OP-UA20 | NSPS Subpart UU | §60.471 | The bin vent is not subject, as it is located after the storage silos and is not considered part of the affected source. |

| | | | | | | |
|---|----|---------|-----------------|-----------------|---------|--|
| A | 15 | FIN P25 | OP-UA20 | NSPS Subpart UU | §60.471 | The bin vent is not subject, as it is located after the storage silos and is not considered part of the affected source. |
| A | 16 | FIN P26 | OP-UA20 | NSPS Subpart UU | §60.471 | The bin vent is not subject, as it is located after the storage silos and is not considered part of the affected source. |
| A | 17 | FIN P27 | OP-UA20 | NSPS Subpart UU | §60.471 | The bin vent is not subject, as it is located after the storage silos and is not considered part of the affected source. |
| A | 18 | FIN P28 | OP-UA20 | NSPS Subpart UU | §60.471 | The bin vent is not subject, as it is located after the storage silos and is not considered part of the affected source. |
| A | 19 | FIN P29 | OP-UA20 | NSPS Subpart UU | §60.471 | The bin vent is not subject, as it is located after the storage silos and is not considered part of the affected source. |
| A | 20 | FIN P30 | OP-UA20 | NSPS Subpart UU | §60.471 | The bin vent is not subject, as it is located after the storage silos and is not considered part of the affected source. |
| A | 22 | FIN D3 | OP-UA20 | NSPS Subpart UU | §60.471 | The bin is not subject, as it is located after the storage silos and is not considered part of the affected source. |
| A | 23 | FIN D4 | OP-UA20 | NSPS Subpart UU | §60.471 | The bin is not subject, as it is located after the storage silos and is not considered part of the affected source. |
| A | 5 | FIN R61 | OP-UA3, OP-UA20 | NSPS Subpart UU | §60.471 | The south underlayment tanks are considered process tanks and do not meet the definition of asphalt storage tank. |
| A | 6 | FIN R62 | OP-UA3, OP-UA20 | NSPS Subpart UU | §60.471 | The south underlayment tanks are considered process tanks and do not meet the definition of asphalt storage tank. |
| A | 7 | FIN R63 | OP-UA3, OP-UA20 | NSPS Subpart UU | §60.471 | The south underlayment tanks are considered process tanks and do not meet the definition of asphalt storage tank. |
| A | 8 | FIN R64 | OP-UA3, OP-UA20 | NSPS Subpart UU | §60.471 | The south underlayment tanks are considered process tanks and do not meet the definition of asphalt storage tank. |
| A | 9 | FIN R65 | OP-UA3, OP-UA20 | NSPS Subpart UU | §60.471 | The south underlayment tanks are considered process tanks and do not meet the definition of asphalt storage tank. |
| A | 10 | FIN R66 | OP-UA3, OP-UA20 | NSPS Subpart UU | §60.471 | The south underlayment tanks are considered process tanks and do not meet the definition of asphalt storage tank. |
| A | 11 | FIN R67 | OP-UA3, OP-UA20 | NSPS Subpart UU | §60.471 | The south underlayment tanks are considered process tanks and do not meet the definition of asphalt storage tank. |

| | | | | | | |
|---|---|---------|-----------------|---------------------------------------|-------------------|--|
| A | 1 | EPN R70 | OP-UA15 | 30 TAC 115 Subchapter B Division 2 | §115.127(a)(2)(B) | The Roofing RTO vent is not subject, as the vent gas stream has a concentration of VOC less than 612 ppmv. |
| A | 2 | EPN R8 | OP-UA15 | 30 TAC 115 Subchapter B Division 2 | §115.127(a)(2)(A) | The South General Vent is not subject, as the vent gas stream has a combined weight of VOC less than 100 pounds in any continuous 24-hour period. |
| | | FIN R45 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter D Division 3 | §115.10(15) | Owens Corning Houston does store and utilize asphalt in its roofing plant. The asphalt received is a finished petroleum derivative. Asphalts and additives are mixed, but no petroleum processing is conducted onsite. |
| | | FIN R46 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter D Division 3 | §115.10(15) | Owens Corning Houston does store and utilize asphalt in its roofing plant. The asphalt received is a finished petroleum derivative. Asphalts and additives are mixed, but no petroleum processing is conducted onsite. |
| | | FIN R47 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter D Division 3 | §115.10(15) | Owens Corning Houston does store and utilize asphalt in its roofing plant. The asphalt received is a finished petroleum derivative. Asphalts and additives are mixed, but no petroleum processing is conducted onsite. |
| | | FIN R48 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter D Division 3 | §115.10(15) | Owens Corning Houston does store and utilize asphalt in its roofing plant. The asphalt received is a finished petroleum derivative. Asphalts and additives are mixed, but no petroleum processing is conducted onsite. |
| | | FIN R49 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter D Division 3 | §115.10(15) | Owens Corning Houston does store and utilize asphalt in its roofing plant. The asphalt received is a finished petroleum derivative. Asphalts and additives are mixed, but no petroleum processing is conducted onsite. |
| | | FIN R50 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter D Division 3 | §115.10(15) | Owens Corning Houston does store and utilize asphalt in its roofing plant. The asphalt received is a finished petroleum derivative. Asphalts and additives are mixed, but no petroleum processing is conducted onsite. |
| | | FIN R51 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter D Division 3 | §115.10(15) | Owens Corning Houston does store and utilize asphalt in its roofing plant. The asphalt received is a finished petroleum derivative. Asphalts and additives are mixed, but no petroleum processing is conducted onsite. |

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| | | FIN R52 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter D Division 3 | §115.10(15) | Owens Corning Houston does store and utilize asphalt in its roofing plant. The asphalt received is a finished petroleum derivative. Asphalts and additives are mixed, but no petroleum processing is conducted onsite. |
| | | FIN R57 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter D Division 3 | §115.10(15) | Owens Corning Houston does store and utilize asphalt in its roofing plant. The asphalt received is a finished petroleum derivative. Asphalts and additives are mixed, but no petroleum processing is conducted onsite. |
| | | FIN R58 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter D Division 3 | §115.10(15) | Owens Corning Houston does store and utilize asphalt in its roofing plant. The asphalt received is a finished petroleum derivative. Asphalts and additives are mixed, but no petroleum processing is conducted onsite. |
| | | FIN P4 | OP-UA1, OP-UA20 | 30 TAC 115 Subchapter E Division 7 | §115.470(b) | Owens Corning Houston operates several coating operations including coating of a fiberglass mat with various asphalt formulations, mineral coating applications, roll paint coating operations on an asphalt shingle, coating of asphalt shingles with an adhesive and/or sealant type asphalt, and packaging ink jet printing coating. Owens Corning Houston does not use any adhesive or adhesive primer as defined in 115.470(b). |
| | | FIN P11 | OP-UA1, OP-UA20 | 30 TAC 115 Subchapter E Division 7 | §115.470(b) | Owens Corning Houston operates several coating operations including coating of a fiberglass mat with various asphalt formulations, mineral coating applications, roll paint coating operations on an asphalt shingle, coating of asphalt shingles with an adhesive and/or sealant type asphalt, and packaging ink jet printing coating. Owens Corning Houston does not use any adhesive or adhesive primer as defined in 115.470(b). |
| A | 12 | FIN P22 | OP-UA1, OP-UA20 | 30 TAC 115 Subchapter E Division 7 | §115.470(b) | Owens Corning Houston operates several coating operations including coating of a fiberglass mat with various asphalt formulations, mineral coating applications, roll paint coating operations on an asphalt shingle, coating of asphalt shingles with an adhesive and/or sealant type asphalt, and packaging ink jet printing coating. Owens Corning Houston does not use any adhesive or adhesive primer as defined in 115.470(b). |

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| | | EPN R5 | OP-UA15 | 30 TAC 115 Subchapter E Division 7 | §115.470(b) | Owens Corning Houston operates several coating operations including coating of a fiberglass mat with various asphalt formulations, mineral coating applications, roll paint coating operations on an asphalt shingle, coating of asphalt shingles with an adhesive and/or sealant type asphalt, and packaging ink jet printing coating. Owens Corning Houston does not use any adhesive or adhesive primer as defined in 115.470(b). |
| | | EPN R6 | OP-UA15 | 30 TAC 115 Subchapter E Division 7 | §115.470(b) | Owens Corning Houston operates several coating operations including coating of a fiberglass mat with various asphalt formulations, mineral coating applications, roll paint coating operations on an asphalt shingle, coating of asphalt shingles with an adhesive and/or sealant type asphalt, and packaging ink jet printing coating. Owens Corning Houston does not use any adhesive or adhesive primer as defined in 115.470(b). |
| | | EPN R7 | OP-UA15 | 30 TAC 115 Subchapter E Division 7 | §115.470(b) | Owens Corning Houston operates several coating operations including coating of a fiberglass mat with various asphalt formulations, mineral coating applications, roll paint coating operations on an asphalt shingle, coating of asphalt shingles with an adhesive and/or sealant type asphalt, and packaging ink jet printing coating. Owens Corning Houston does not use any adhesive or adhesive primer as defined in 115.470(b). |
| A | 2 | EPN R8 | OP-UA15 | 30 TAC 115 Subchapter E Division 7 | §115.470(b) | Owens Corning Houston operates several coating operations including coating of a fiberglass mat with various asphalt formulations, mineral coating applications, roll paint coating operations on an asphalt shingle, coating of asphalt shingles with an adhesive and/or sealant type asphalt, and packaging ink jet printing coating. Owens Corning Houston does not use any adhesive or adhesive primer as defined in 115.470(b). |
| | | FIN T1 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter F Division 1 | §115.510 | Owens Corning Houston does not sell or offer for sale cutback asphalt. |
| | | FIN T19 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter F Division 1 | §115.510 | Owens Corning Houston does not sell or offer for sale cutback asphalt. |

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| | | FIN T20 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter F Division 1 | §115.510 | Owens Corning Houston does not sell or offer for sale cutback asphalt. |
| | | FIN T32 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter F Division 1 | §115.510 | Owens Corning Houston does not sell or offer for sale cutback asphalt. |
| | | FIN T33 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter F Division 1 | §115.510 | Owens Corning Houston does not sell or offer for sale cutback asphalt. |
| | | EPN R5 | OP-UA15 | NSPS Subpart OOO | §60.670(a) | Owens Corning Houston does not crush or grind any nonmetallic mineral and is therefore not a nonmetallic mineral processing plant. |
| | | EPN R6 | OP-UA15 | NSPS Subpart OOO | §60.670(a) | Owens Corning Houston does not crush or grind any nonmetallic mineral and is therefore not a nonmetallic mineral processing plant. |
| | | EPN R7 | OP-UA15 | NSPS Subpart OOO | §60.670(a) | Owens Corning Houston does not crush or grind any nonmetallic mineral and is therefore not a nonmetallic mineral processing plant. |
| A | 2 | EPN R8 | OP-UA15 | NSPS Subpart OOO | §60.670(a) | Owens Corning Houston does not crush or grind any nonmetallic mineral and is therefore not a nonmetallic mineral processing plant. |
| | | EPN R15 | OP-UA15, OP-UA20 | NSPS Subpart OOO | §60.670(a) | Owens Corning Houston does not crush or grind any nonmetallic mineral and is therefore not a nonmetallic mineral processing plant. |
| | | EPN R18C | OP-UA20 | NSPS Subpart OOO | §60.670(a) | Owens Corning Houston does not crush or grind any nonmetallic mineral and is therefore not a nonmetallic mineral processing plant. |
| | | EPN R9 | OP-UA20 | NSPS Subpart OOO | §60.670(a) | Owens Corning Houston does not crush or grind any nonmetallic mineral and is therefore not a nonmetallic mineral processing plant. |
| | | EPN R10 | OP-UA20 | NSPS Subpart OOO | §60.670(a) | Owens Corning Houston does not crush or grind any nonmetallic mineral and is therefore not a nonmetallic mineral processing plant. |

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| | | EPN R5 | OP-UA15 | 40 CFR 59 | §59.202 | Owens Corning Houston does not manufacture or import consumer products, as defined in 40 CFR 59.202, for sale or distribution in the United States. No products produced at Owens Corning Houston are listed in Tables 1 or 2 of 40 CFR Subpart C. |
| | | EPN R6 | OP-UA15 | 40 CFR 59 | §59.202 | Owens Corning Houston does not manufacture or import consumer products, as defined in 40 CFR 59.202, for sale or distribution in the United States. No products produced at Owens Corning Houston are listed in Tables 1 or 2 of 40 CFR Subpart C. |
| | | EPN R7 | OP-UA15 | 40 CFR 59 | §59.202 | Owens Corning Houston does not manufacture or import consumer products, as defined in 40 CFR 59.202, for sale or distribution in the United States. No products produced at Owens Corning Houston are listed in Tables 1 or 2 of 40 CFR Subpart C. |
| A | 2 | EPN R8 | OP-UA15 | 40 CFR 59 | §59.202 | Owens Corning Houston does not manufacture or import consumer products, as defined in 40 CFR 59.202, for sale or distribution in the United States. No products produced at Owens Corning Houston are listed in Tables 1 or 2 of 40 CFR Subpart C. |

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

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| 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. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ | b. The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ | c. The application area is located in the portion of Harris County inside the loop formed by Beltway 8. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | d. The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| <i>If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO," go to Section I.C.</i> | |
| 2. Items a - d determine the specific applicability of these requirements. | |
| ◆ | a. The application area is subject to 30 TAC § 111.143. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | b. The application area is subject to 30 TAC § 111.145. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ | c. The application area is subject to 30 TAC § 111.147. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | d. The application area is subject to 30 TAC § 111.149. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| C. Emissions Limits on Nonagricultural Processes | |
| ◆ | 1. The application area includes a nonagricultural process subject to 30 TAC § 111.151. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| | 2. The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <i>If the response to Question I.C.2 is "NO," go to Question I.C.4.</i> |
| | 3. All vents from nonagricultural process in the application area are subject to additional monitoring requirements. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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| VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued) | | |
| C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued) | | |
| ◆ | 5. One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| D. Subpart XX - Standards of Performance for Bulk Gasoline Terminals | | |
| | 1. The application area includes bulk gasoline terminal loading racks. <i>If the response to Question VI.D.1 is "NO," go to Section VI.E.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| | 2. One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions | | |
| ◆ | 1. The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). <i>For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ | 2. The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011. <i>For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.H.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 3. The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD. <i>For SOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.H.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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| VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued) | |
| E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions (continued) | |
| ◆ | <div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> <p>4. Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD.</p> <p><i>For SOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.H.</i></p> </div> <div style="width: 20%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div> |
| ◆ | <p>5. Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below.</p> |
| F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants | |
| | <div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> <p>1. The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant.</p> <p><i>If the response to Question VI.F.1 is "NO," go to Section VI.G.</i></p> </div> <div style="width: 20%; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div> |
| | <div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> <p>2. Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.</p> </div> <div style="width: 20%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div> |
| G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems | |
| | <div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> <p>1. The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987.</p> <p><i>If the response to Question VI.G.1 is "NO," go to Section VI.H.</i></p> </div> <div style="width: 20%; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div> |
| | <div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> <p>2. The application area includes storm water sewer systems.</p> </div> <div style="width: 20%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div> |

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

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

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

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| Form OP-REQ1: Page 24 | | |
| 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 | | |
| ◆ | <div>1. The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator.</div> <div><i>If the response to Question VI.J.1 is "N/A," go to Section VI.K. If the response to Question VI.J.1 is "NO," go to Question VI.J.4.</i></div> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| ◆ | 2. The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 3. The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.J.4 is "NO," go to Section VI.K.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ | 5. The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006. <i>If the response to Question VI.J.5 is "NO," go to Question VI.J.7.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 6. All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 7. The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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

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

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

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

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

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

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

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

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

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | |
| B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued) | |
| 2. The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii). <i>If the response to Question VIII.B.2 is "NO," go to Section VIII.D.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3. The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 4. The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 5. The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does <u>not</u> use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. <i>If the response to Questions VIII.B.3, B.4 and B.5 are all "NO," go to Section VIII.D.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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

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

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

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

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

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

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

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

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

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | |
| I. Subpart T - National Emission Standards for Halogenated Solvent Cleaning | |
| 1. The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 2. The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 3. The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins | |
| 1. The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units. <i>If the response to Question VIII.J.1 is "NO," go to Section VIII.K.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 2. Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U. <i>If the response to Question VIII.J.2 is "NO," go to Section VIII.K.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 4. The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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

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

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

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

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

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

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

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

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

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | | |
| Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued) | | |
| ◆ | <p>5. The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft³) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day.</p> <p><i>For SOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.R.</i></p> <p><i>For GOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.Z.</i></p> <p><i>For all applications, if the response to Question VIII.Q.5 is "NO," go to Question VIII.Q.9.</i></p> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | <p>6. The application area includes a triethylene glycol (TEG) dehydration unit.</p> <p><i>For SOP applications, if the answer to Question VIII.Q.6 is "NO," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "NO," go to Section VIII.Z.</i></p> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | <p>7. The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761.</p> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | <p>8. The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.</p> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | <p>9. Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii).</p> | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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

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

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | |
| W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued) | |
| 7. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 8. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 9. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.W.8 and W.9 are both "NO," go to Question VIII.W.11.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 10. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 12. The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.W.12 is "NO," go to Question VIII.W.15.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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

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

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

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

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

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

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

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

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

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

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

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | |
| AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued) | |
| 5. The application area includes process wastewater streams. <i>If the response to Question VIII.AA.5 is "NO," go to Question VIII.AA.18.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 6. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 7. The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.8 is "YES," go to Section VIII.AA.22.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.9 is "NO," go to Question VIII.AA.11.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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

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

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| 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. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation | |
| 1. The application area includes a facility at which a site remediation is conducted. <i>If the answer to Question VIII.CC.1 is "NO," go to Section VIII.DD.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 2. The application area is located at a site that is a major source of HAP. <i>If the answer to Question VIII.CC.2 is "NO," go to Section VIII.DD.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3. All site remediation's qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). <i>If the answer to Question VIII.CC.3 is "YES," go to Section VIII.DD.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 4. Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. <i>If the answer to Question VIII.CC.4 is "YES," go to Section VIII.DD.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 5. The site remediation will be completed within 30 consecutive calendar days. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 6. No site remediation will exceed 30 consecutive calendar days. <i>If the answer to Question VIII.CC.6 is "YES," go to Section VIII.DD.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 7. Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 8. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. <i>If the answer to Question VIII.CC.8 is "YES," go to Section VIII.DD.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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

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

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

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

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

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

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

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| XI. Miscellaneous (continued) | |
| G. 40 CFR Part 97, Subpart FFFFF - Texas SO₂ Trading Program | |
| 1. The application area includes emission units complying with the requirements of the Texas SO ₂ Trading Program. <i>If the response to Question XI.G.1 is "NO," go to Question XI.G.6.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 2. The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO ₂ and 40 CFR Part 75, Subpart H for heat input. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3. The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO ₂ and heat input. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 4. The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for SO ₂ and heat input. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 5. The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for SO ₂ and heat input. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 6. The application area includes emission units that qualify for the Texas SO ₂ Trading Program retired unit exemption. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| H. Permit Shield (SOP Applicants Only) | |
| 1. A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit. | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |

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

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

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

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

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

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| XII. New Source Review (NSR) Authorizations (continued) | | |
| B. Air Quality Standard Permits (continued) | | |
| ◆ | 11. The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 12. The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.12 is "NO," go to Question XII.B.15.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 13. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 14. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 15. The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 16. The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| C. Flexible Permits | | |
| | 1. The application area includes at least one Flexible Permit NSR authorization. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| D. Multiple Plant Permits | | |
| | 1. The application area includes at least one Multi-Plant Permit NSR authorization. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

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| XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J) | | | |
| E. PSD Permits and PSD Major Pollutants | | | |
| PSD Permit No.: | Issuance Date: | Pollutant(s): | |
| PSD Permit No.: | Issuance Date: | Pollutant(s): | |
| PSD Permit No.: | Issuance Date: | Pollutant(s): | |
| PSD Permit No.: | Issuance Date: | Pollutant(s): | |
| 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.: 21768 | Issuance Date: 8/1/2024 | Authorization No.: | Issuance Date: |
| Authorization No.: 163869 | Issuance Date: 2/25/2021 | 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: | 12/31/2024 |
| Permit No.: | O1543 |
| RN No.: | RN100225036 |

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 | |
| <i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i> | |
| PBR No.: 106.183 | Version No./Date: 09/04/2000 |
| PBR No.: 106.261 | Version No./Date: 11/01/2003 |
| PBR No.: 106.263 | Version No./Date: 11/01/2001 |
| PBR No.: 106.371 | Version No./Date: 09/04/2000 |
| PBR No.: 106.473 | 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: |
| 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 |
|------------|---------------|-------------------------|
| 12/31/2024 | O1543 | RN100225036 |

| Unit ID No. | Registration No. | PBR No. | Registration Date |
|-------------|------------------|---------|-------------------|
| EPN R16 | 165105 | 106.261 | 5/28/2021 |
| | | | |
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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 |
|------------|---------------|-------------------------|
| 12/31/2024 | O1543 | RN100225036 |

| Unit ID No. | PBR No. | Version No./Date |
|--------------------------|---------|------------------|
| Tank Heaters | 106.183 | 09/04/2000 |
| Tank Cleaning Operations | 106.263 | 11/01/2001 |
| Cooling Towers | 106.371 | 09/04/2000 |
| Drum Filling Station | 106.473 | 09/04/2000 |
| Oil Water Separators | 106.532 | 09/04/2000 |
| | | |
| | | |
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| | | |

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

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

| PBR No. | Version No./Date |
|---------|------------------|
| | |
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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 |
|------------|---------------|-------------------------|
| 12/31/2024 | O1543 | RN100225036 |

| Unit ID No. | PBR No. | Version No./Date Or Registration No. | Monitoring Requirement |
|--------------------------|---------|--------------------------------------|---|
| Tank Cleaning Operations | 106.263 | 11/01/2001 | <p>30 TAC §106.263(g): Records must identify the following for all maintenance, start-up, or shutdown activities and temporary maintenance facilities:</p> <ul style="list-style-type: none"> (1) the type and reason for the activity or facility construction; (2) the processes and equipment involved; (3) the date, time, and duration of the activity or facility operation; and (4) the air contaminants and amounts which are emitted as a result of the activity or facility operation. |
| Drum Filling Station | 106.473 | 09/04/2000 | <p>30 TAC §106.473: Organic liquids loading or unloading equipment for railcars, tank trucks, or drums; and storage containers, tanks, or change of service of the material loaded, unloaded, or stored is permitted by rule, provided that all of the following conditions of this section are met:</p> <ul style="list-style-type: none"> (1) Uncontrolled emissions calculated using the version of AP-42 in effect at the time are less than 25 tons per year of organic compounds or of any other air contaminant. (2) The loading rate of the facilities does not exceed 20,000 gallons per day averaged over any consecutive 30-day period. (3) The capacity of any tank does not exceed 25,000 gallons (4) The facilities are used exclusively for the loading, unloading, or storage of: <ul style="list-style-type: none"> a. petroleum, petroleum fuels, other motor vehicle fuels, and natural gas liquids, none of which have a true vapor pressure of 11.0 pounds per square inch, absolute, or greater at maximum temperature of use; (5) The facilities will meet any applicable requirements of Chapter 115 of this title (relating to Control of Air Pollution from Volatile Organic Compounds); |

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

| | | |
|--|-------------------|---------------|
| I. Identifying Information | | |
| Account No.: HG-0750-M | RN No.: 100225036 | CN: 601173016 |
| Permit No.: O1543 | Project No.: | |
| Area Name: Houston Roofing Plant | | |
| Company Name: Owens Corning Roofing and Asphalt, LLC | | |
| II. Unit/Emission Point/Group/Process Information | | |
| Revision No.: | | |
| Unit/EPN/Group/Process ID No.: EPN R70 | | |
| Applicable Form: OP-UA20 | | |
| III. Applicable Regulatory Requirement | | |
| Name: 30 TAC Chapter 116 | | |
| SOP/GOP Index No.: O1543 | | |
| Pollutant: VOC | | |
| Main Standard: NSR-21768 | | |
| IV. Title V Monitoring Information | | |
| Monitoring Type: CAM | | |
| Unit Size: SM | | |
| CAM/PM Option No.: CAM-TI-002 | | |
| Deviation Limit: Minimum Temperature = 1500°F | | |
| CAM/PM Option No.: | | |
| Deviation Limit: | | |
| V. Control Device Information | | |
| Control Device ID No.: EPN R70 | | |
| Control Device Type: DIRFLM | | |

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

| | | |
|---|--|---|
| Date: 12/31/2024 | Regulated Entity No.: 100225036 | Permit No.: O1543 |
| Company Name: Owens Corning Roofing and Asphalt, LLC | | Area Name: Houston Roofing 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 | |
| <p>The <i>Responsible Official</i> commits, utilizing reasonable effort, to the following: As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.</p> | |
| B. Compliance Certification - Statement for Units in Compliance* (Indicate response by entering an "X" in the appropriate column) | |
| 1. With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| 2. Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 3. If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. <i>(For reference only)</i> | |
| <p>* <i>For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status. For General Operating Permits (GOPs), the application documentation, particularly Form OP-REQ1 should be consulted as well as the requirements contained in the appropriate General Permits portion of 30 TAC Chapter 122.</i></p> <p><i>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.</i></p> | |

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

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

| | |
|---|---|
| I. Company Identifying Information | |
| A. | Company Name: Owens Corning Roofing and Asphalt, LLC |
| B. | Customer Reference Number (CN): CN602134488 |
| C. | Submittal Date (mm/dd/yyyy): 12/31/2024 |
| II. Site Information | |
| A. | Site Name: Owens Corning Roofing and Asphalt, LLC – Houston Roofing Plant |
| B. | Regulated Entity Reference Number (RN): RN100225036 |
| C. | Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i> |
| <input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A | |
| D. | Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i> |
| <input checked="" type="checkbox"/> VOC <input type="checkbox"/> NO _x <input type="checkbox"/> SO ₂ <input type="checkbox"/> PM ₁₀ <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> HAPS | |
| Other: | |
| E. | Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| F. | Is the site within a local program area jurisdiction? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| G. | Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| H. | Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: N/A |
| III. Permit Type | |
| A. | Type of Permit Requested: <i>(Select only one response)</i> |
| <input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP) | |

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

| | |
|--|---|
| IV. Initial Application Information <i>(Complete for Initial Issuance Applications Only.)</i> | |
| A. Is this submittal an abbreviated or a full application? | <input type="checkbox"/> Abbreviated <input type="checkbox"/> Full |
| B. If this is a full application, is the submittal a follow-up to an abbreviated application? | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| C. If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| D. Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| E. Has the required Public Involvement Plan been included with this application? | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| V. Confidential Information | |
| A. Is confidential information submitted in conjunction with this application? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| VI. Responsible Official (RO) Identifying Information | |
| RO Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) | |
| RO Full Name: James Hess | |
| RO Title: Site Leader Houston Roofing and Asphalt | |
| Employer Name: Owens Corning Roofing and Asphalt, LLC | |
| Mailing Address: 8360 Market Street | |
| City: Houston | |
| State: TX | |
| ZIP Code: 77029 | |
| Territory: | |
| Country: USA | |
| Foreign Postal Code: | |
| Internal Mail Code: | |
| Telephone No.: 713-670-3139 | |
| Fax No.: | |
| Email: james.r.hess@owenscorning.com | |

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

| |
|---|
| VII. Technical Contact Identifying Information <i>(Complete if different from RO.)</i> |
| Technical Contact Name Prefix: (<input type="checkbox"/> Mr. <input checked="" type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) |
| Technical Contact Full Name: Tina Tomol |
| Technical Contact Title: EHS Coordinator |
| Employer Name: Owens Corning Roofing and Asphalt, LLC |
| Mailing Address: 8360 Market Street |
| City: Houston |
| State: TX |
| ZIP Code: 77029 |
| Territory: |
| Country: USA |
| Foreign Postal Code: |
| Internal Mail Code: |
| Telephone No.: 713-670-3127 |
| Fax No.: |
| Email: tina.tomol@owenscorning.com |
| VIII. Reference Only Requirements <i>(For reference only.)</i> |
| A. State Senator: Sen. Molly Cook |
| B. State Representative: Rep. Harold V. Dutton |
| C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A |
| D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| E. Indicate the alternate language(s) in which public notice is required: Spanish |

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

| |
|--|
| IX. Off-Site Permit Request <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i> |
| A. Office/Facility Name: |
| B. Physical Address: |
| City: |
| State: |
| ZIP Code: |
| Territory: |
| Country: |
| Foreign Postal Code: |
| C. Physical Location: |
| |
| |
| D. Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) |
| Contact Full Name: |
| E. Telephone No.: |
| X. Application Area Information |
| A. Area Name: Owens Corning Roofing and Asphalt, LLC – Houston Roofing Plant |
| B. Physical Address: 8360 Market Street |
| City: Houston |
| State: TX |
| ZIP Code: 77029 |
| C. Physical Location: 8360 Market Street |
| |
| |
| D. Nearest City: Houston |
| E. State: TX |
| F. ZIP Code: 77029 |

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

| | |
|------------|--|
| X. | Application Area Information (<i>continued</i>) |
| G. | Latitude (nearest second): 29° 46' 18" N |
| H. | Longitude (nearest second): 95° 16' 46" W |
| I. | Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| J. | Indicate the estimated number of emission units in the application area: 29 |
| K. | Are there any emission units in the application area subject to the Acid Rain Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 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: Texas Commission on Environmental Quality – Houston Regional Office |
| B. | Physical Address: 5425 Polk St, Ste H |
| | City: Houston |
| | ZIP Code: 77023 |
| C. | Contact Person (Someone who will answer questions from the public during the public notice period): |
| | Contact Name Prefix: (<input type="checkbox"/> Mr. <input checked="" type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.): |
| | Contact Person Full Name: Tina Tomol |
| | Contact Mailing Address: 8360 Market Street |
| | City: Houston |
| | State: TX |
| | ZIP Code: 77029 |
| | Territory: |
| | Country: USA |
| | Foreign Postal Code: |
| | Internal Mail Code: |
| | Telephone No.: 713-670-3127 |

**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:



TITLE V RENEWAL APPLICATION



THIS REPORT WAS CREATED BY
ALLIANCE TECHNICAL GROUP FOR
OWENS CORNING ROOFING AND ASPHALT, LLC
HOUSTON, TX
JANUARY 2025

Title V Renewal Application

Prepared for:



Owens Corning Roofing and Asphalt, LLC
Owens Corning Houston
8360 Market Street Rd.
Houston, TX 77029

Prepared by:

Alliance Technical Group
219 Brown Lane
Bryant, AR 72022

January 2025

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APPENDICIES

Appendix A – Area Map

Appendix B – Plot Plan

Appendix C – Process Description

Appendix D – Process Flow Diagrams

Appendix E – Public Involvement Plan Form

Application Summary

APPLICATION SUMMARY

Owens Corning Roofing and Asphalt, LLC – Houston Roofing and Asphalt Plant (Owens Corning Houston) owns and operates an asphalt processing plant at 8360 Market Street in Houston, Texas (Harris County). Both the Roofing and Asphalt plant are regulated under:

Regulated Entity Number: 100225036
Customer Reference Number: 602134488
Account Number: HG-0750-M

The facility is currently permitted by Title V Permit No. O1543 issued on July 8, 2020. As the permit expires on July 8, 2025, this renewal application is being submitted in accordance with 30 TAC 122.241 to renew the authorization to operate the site and emission units.

The facility is also regulated by NSR Permit No. 21768, which was last modified and issued on August 1, 2024, to permit equipment and process changes associated with the installation of a new underlayment production line.

The requested changes with the Title V renewal application include:

1. Addition of facilities and emission points to address the new South Underlayment Production line which was permitted with the amendment and issuance of NSR Permit No. 21768 on August 1, 2024.
2. Removal of the Coater Fiber Bed Filter (EPN R1) emission point in accordance with the recent NSR permit amendment and issuance.
3. Removal of the Solvent Cold Cleaner (EPN A122) and Roofing Quality Lab Parts Washer (EPN R53) emission points, as they have been removed from site.
4. Removal of the Surfacing Material Railcar Unloading (EPN R18A) emission point, as the railcar unloading site has been filled in and is no longer operational.

OP-1

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

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

| |
|---|
| I. Company Identifying Information |
| A. Company Name: Owens Corning Roofing and Asphalt, LLC |
| B. Customer Reference Number (CN): CN602134488 |
| C. Submittal Date (mm/dd/yyyy): 12/31/2024 |
| II. Site Information |
| A. Site Name: Owens Corning Roofing and Asphalt, LLC – Houston Roofing Plant |
| B. Regulated Entity Reference Number (RN): RN100225036 |
| C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i> |
| <input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A |
| D. Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i> |
| <input checked="" type="checkbox"/> VOC <input type="checkbox"/> NO _x <input type="checkbox"/> SO ₂ <input type="checkbox"/> PM ₁₀ <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> HAPS |
| Other: |
| E. Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| F. Is the site within a local program area jurisdiction? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: N/A |
| III. Permit Type |
| A. Type of Permit Requested: <i>(Select only one response)</i> |
| <input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP) |

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

| |
|--|
| IV. Initial Application Information <i>(Complete for Initial Issuance Applications Only.)</i> |
| A. Is this submittal an abbreviated or a full application? <input type="checkbox"/> Abbreviated <input type="checkbox"/> Full |
| B. If this is a full application, is the submittal a follow-up to an abbreviated application? <input type="checkbox"/> YES <input type="checkbox"/> NO |
| C. If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? <input type="checkbox"/> YES <input type="checkbox"/> NO |
| D. Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) <input type="checkbox"/> YES <input type="checkbox"/> NO |
| E. Has the required Public Involvement Plan been included with this application? <input type="checkbox"/> YES <input type="checkbox"/> NO |
| V. Confidential Information |
| A. Is confidential information submitted in conjunction with this application? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| VI. Responsible Official (RO) Identifying Information |
| RO Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) |
| RO Full Name: James Hess |
| RO Title: Site Leader Houston Roofing and Asphalt |
| Employer Name: Owens Corning Roofing and Asphalt, LLC |
| Mailing Address: 8360 Market Street |
| City: Houston |
| State: TX |
| ZIP Code: 77029 |
| Territory: |
| Country: USA |
| Foreign Postal Code: |
| Internal Mail Code: |
| Telephone No.: 713-670-3139 |
| Fax No.: |
| Email: james.r.hess@owenscorning.com |

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

| |
|---|
| VII. Technical Contact Identifying Information <i>(Complete if different from RO.)</i> |
| Technical Contact Name Prefix: (<input type="checkbox"/> Mr. <input checked="" type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) |
| Technical Contact Full Name: Tina Tomol |
| Technical Contact Title: EHS Coordinator |
| Employer Name: Owens Corning Roofing and Asphalt, LLC |
| Mailing Address: 8360 Market Street |
| City: Houston |
| State: TX |
| ZIP Code: 77029 |
| Territory: |
| Country: USA |
| Foreign Postal Code: |
| Internal Mail Code: |
| Telephone No.: 713-670-3127 |
| Fax No.: |
| Email: tina.tomol@owenscorning.com |
| VIII. Reference Only Requirements <i>(For reference only.)</i> |
| A. State Senator: Sen. Molly Cook |
| B. State Representative: Rep. Harold V. Dutton |
| C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A |
| D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| E. Indicate the alternate language(s) in which public notice is required: Spanish |

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

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|--|
| IX. Off-Site Permit Request <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i> |
| A. Office/Facility Name: |
| B. Physical Address: |
| City: |
| State: |
| ZIP Code: |
| Territory: |
| Country: |
| Foreign Postal Code: |
| C. Physical Location: |
| |
| |
| D. Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) |
| Contact Full Name: |
| E. Telephone No.: |
| X. Application Area Information |
| A. Area Name: Owens Corning Roofing and Asphalt, LLC – Houston Roofing Plant |
| B. Physical Address: 8360 Market Street |
| City: Houston |
| State: TX |
| ZIP Code: 77029 |
| C. Physical Location: 8360 Market Street |
| |
| |
| D. Nearest City: Houston |
| E. State: TX |
| F. ZIP Code: 77029 |

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

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|--|
| X. Application Area Information (<i>continued</i>) |
| G. Latitude (nearest second): 29° 46' 18" N |
| H. Longitude (nearest second): 95° 16' 46" W |
| I. Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| J. Indicate the estimated number of emission units in the application area: 29 |
| K. Are there any emission units in the application area subject to the Acid Rain Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 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: Texas Commission on Environmental Quality – Houston Regional Office |
| B. Physical Address: 5425 Polk St, Ste H |
| City: Houston |
| ZIP Code: 77023 |
| C. Contact Person (Someone who will answer questions from the public during the public notice period): |
| Contact Name Prefix: (<input type="checkbox"/> Mr. <input checked="" type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.): |
| Contact Person Full Name: Tina Tomol |
| Contact Mailing Address: 8360 Market Street |
| City: Houston |
| State: TX |
| ZIP Code: 77029 |
| Territory: |
| Country: USA |
| Foreign Postal Code: |
| Internal Mail Code: |
| Telephone No.: 713-670-3127 |

**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:

OP-2

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

| | |
|--|--|
| Date: 12/31/2024 | |
| Permit No.: O1543 | |
| Regulated Entity No.: RN100225036 | |
| Company Name: Owens Corning Roofing and Asphalt, LLC | |
| For Submissions to EPA | |
| Has an electronic copy of this application been submitted (or is being submitted) to EPA? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| I. Application Type | |
| Indicate the type of application: | |
| <input checked="" type="checkbox"/> Renewal | |
| <input type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.) | |
| <input type="checkbox"/> Significant Revision | |
| <input type="checkbox"/> Revision Requesting Prior Approval | |
| <input type="checkbox"/> Administrative Revision | |
| <input type="checkbox"/> Response to Reopening | |
| II. Qualification Statement | |
| For SOP Revisions Only <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| For GOP Revisions Only <input type="checkbox"/> YES <input type="checkbox"/> NO | |

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

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

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

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

Other:

IV. Reference Only Requirements (For reference only)

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

V. Delinquent Fees and Penalties

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

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

| |
|--|
| Date: 12/31/2024 |
| Permit No.: O1543 |
| Regulated Entity No.: RN100225036 |
| Company Name: Owens Corning Roofing and Asphalt, LLC |

Using the table below, provide a description of the revision.

| Revision No. | Revision Code | Unit/Group Process | | | NSR Authorization | Description of Change and Provisional Terms and Conditions |
|--------------|---------------|--------------------|---------|-----------------|----------------------|---|
| | | New Unit | ID No. | Applicable Form | | |
| 1 | MS-A | YES | EPN R70 | OP-UA15 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 2 | MS-A | YES | EPN R8 | OP-UA15 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 3 | MS-A | YES | EPN R60 | OP-REQ2 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 4 | MS-A | YES | EPN R44 | OP-UA3 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 5 | MS-A | YES | FIN R61 | OP-UA3, OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 6 | MS-A | YES | FIN R62 | OP-UA3, OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 7 | MS-A | YES | FIN R63 | OP-UA3, OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 8 | MS-A | YES | FIN R64 | OP-UA3, OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 9 | MS-A | YES | FIN R65 | OP-UA3, OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 10 | MS-A | YES | FIN R66 | OP-UA3, OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 11 | MS-A | YES | FIN R67 | OP-UA3, OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |

| Revision No. | Revision Code | Unit/Group Process | | | NSR Authorization | Description of Change and Provisional Terms and Conditions |
|--------------|---------------|--------------------|----------|-----------------|-------------------|--|
| | | New Unit | ID No. | Applicable Form | | |
| 12 | MS-A | YES | FIN P22 | OP-UA1, OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 13 | MS-A | YES | FIN P23 | OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 14 | MS-A | YES | FIN P24 | OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 15 | MS-A | YES | FIN P25 | OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 16 | MS-A | YES | FIN P26 | OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 17 | MS-A | YES | FIN P27 | OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 18 | MS-A | YES | FIN P28 | OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 19 | MS-A | YES | FIN P29 | OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 20 | MS-A | YES | FIN P30 | OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 21 | MS-A | YES | FIN P31 | | 21768 | Addition of facility to match NSR (8/1/2024) |
| 22 | MS-A | YES | FIN D3 | OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 23 | MS-A | YES | FIN D4 | OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 24 | MS-C | NO | EPN R1 | | 21768 | Remove emission source to match NSR (8/1/2024) |
| 25 | MS-C | NO | EPN R53 | | 21768 | Remove emission source to match NSR |
| 26 | MS-C | NO | EPN A122 | | 21768 | Remove emission source to match NSR |
| 27 | MS-C | NO | EPN R18A | | 21768 | Remove emission source |

OP-CRO1

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

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

| | | |
|--|--|--|
| I. Identifying Information | | |
| RN: 100225036 | CN: 601173016 | Account No.: HG-0750-M |
| Permit No.: O1543 | Project No.: | |
| Area Name: Houston Roofing Plant | Company Name: Owens Corning Roofing and Asphalt, LLC | |
| II. Certification Type <i>(Please mark the appropriate box)</i> | | |
| <input checked="" type="checkbox"/> Responsible Official | | <input type="checkbox"/> Duly Authorized Representative |
| III. Submittal Type <i>(Please mark the appropriate box) (Only one response can be accepted per form)</i> | | |
| <input type="checkbox"/> SOP/TOP Initial Permit Application | | <input type="checkbox"/> Update to Permit Application |
| <input type="checkbox"/> GOP Initial Permit Application | | <input checked="" type="checkbox"/> Permit Revision, Renewal, or Reopening |
| <input type="checkbox"/> Other: _____ | | |
| IV. Certification of Truth | | |
| <p>This certification does not extend to information which is designated by the TCEQ as information for reference only.</p> <p>I, <u>James Hess</u> certify that I am the <u>RO</u> <i>(Certifier Name printed or typed)</i> <i>(RO or DAR)</i></p> <p>and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:</p> <p><i>Note: Enter Either a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i></p> <p>Time Period: From _____ to _____ <i>Start Date</i><i>End Date</i></p> <p>Specific Dates: <u>12/31/2024</u> _____ <i>Date 1</i><i>Date 2</i><i>Date 3</i><i>Date 4</i><i>Date 5</i><i>Date 6</i></p> <p>Signature: _____ Signature Date: <u>12/31/2024</u></p> <p>Title: <u>Site Leader Houston Roofing and Asphalt</u></p> | | |

OP-ACPS

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

| | | |
|---|--|---|
| Date: 12/31/2024 | Regulated Entity No.: 100225036 | Permit No.: O1543 |
| Company Name: Owens Corning Roofing and Asphalt, LLC | | Area Name: Houston Roofing 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 | |
| <p>The <i>Responsible Official</i> commits, utilizing reasonable effort, to the following: As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.</p> | |
| B. Compliance Certification - Statement for Units in Compliance* (Indicate response by entering an "X" in the appropriate column) | |
| 1. With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| 2. Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 3. If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. <i>(For reference only)</i> | |
| <p>* <i>For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status. For General Operating Permits (GOPs), the application documentation, particularly Form OP-REQ1 should be consulted as well as the requirements contained in the appropriate General Permits portion of 30 TAC Chapter 122.</i></p> <p><i>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.</i></p> | |

OP-REQ1

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

| | |
|-------------|-------------|
| Date: | 12/31/2024 |
| Permit No.: | O1543 |
| RN No.: | RN100225036 |

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

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

| | |
|-------------|-------------|
| Date: | 12/31/2024 |
| Permit No.: | O1543 |
| RN No.: | RN100225036 |

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. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ | b. The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ | c. The application area is located in the portion of Harris County inside the loop formed by Beltway 8. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | d. The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| <i>If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO," go to Section I.C.</i> | |
| 2. Items a - d determine the specific applicability of these requirements. | |
| ◆ | a. The application area is subject to 30 TAC § 111.143. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | b. The application area is subject to 30 TAC § 111.145. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ | c. The application area is subject to 30 TAC § 111.147. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | d. The application area is subject to 30 TAC § 111.149. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| C. Emissions Limits on Nonagricultural Processes | |
| ◆ | 1. The application area includes a nonagricultural process subject to 30 TAC § 111.151. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| | 2. The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <i>If the response to Question I.C.2 is "NO," go to Question I.C.4.</i> |
| | 3. All vents from nonagricultural process in the application area are subject to additional monitoring requirements. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

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

| | |
|-------------|-------------|
| Date: | 12/31/2024 |
| Permit No.: | O1543 |
| RN No.: | RN100225036 |

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

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

| | |
|-------------|-------------|
| Date: | 12/31/2024 |
| Permit No.: | O1543 |
| RN No.: | RN100225036 |

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

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

| | |
|-------------|-------------|
| Date: | 12/31/2024 |
| Permit No.: | O1543 |
| RN No.: | RN100225036 |

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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| Form OP-REQ1: Page 19 | |
| 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) | |
| ◆ | <div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 5. One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides. </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div> |
| D. Subpart XX - Standards of Performance for Bulk Gasoline Terminals | |
| | <div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 1. The application area includes bulk gasoline terminal loading racks. <i>If the response to Question VI.D.1 is "NO," go to Section VI.E.</i> </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div> |
| | <div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 2. One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC. </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div> |
| E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions | |
| ◆ | <div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 1. The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). <i>For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.</i> </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div> |
| ◆ | <div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 2. The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011. <i>For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.H.</i> </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div> |
| ◆ | <div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 3. The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD. <i>For SOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.H.</i> </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div> |

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| VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued) | |
| E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions (continued) | |
| ◆ | <div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>4. Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD.</p> <p><i>For SOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.H.</i></p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div> |
| ◆ | <p>5. Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below.</p> |
| F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants | |
| | <div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>1. The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant.</p> <p><i>If the response to Question VI.F.1 is "NO," go to Section VI.G.</i></p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div> |
| | <div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>2. Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.</p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div> |
| G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems | |
| | <div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>1. The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987.</p> <p><i>If the response to Question VI.G.1 is "NO," go to Section VI.H.</i></p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div> |
| | <div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>2. The application area includes storm water sewer systems.</p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div> |

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

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

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

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

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

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

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

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

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

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

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

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

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

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | |
| B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued) | |
| 2. The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii). <i>If the response to Question VIII.B.2 is "NO," go to Section VIII.D.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3. The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 4. The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 5. The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does <u>not</u> use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. <i>If the response to Questions VIII.B.3, B.4 and B.5 are all "NO," go to Section VIII.D.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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

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

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

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

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

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

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

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

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

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | |
| I. Subpart T - National Emission Standards for Halogenated Solvent Cleaning | |
| 1. The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 2. The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 3. The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins | |
| 1. The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units. <i>If the response to Question VIII.J.1 is "NO," go to Section VIII.K.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 2. Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U. <i>If the response to Question VIII.J.2 is "NO," go to Section VIII.K.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 4. The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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

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

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

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

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

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

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

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

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| Form OP-REQ1: Page 53 | |
| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | |
| P. Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities | |
| 1. The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. <i>If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| 2. The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7). | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| Q. Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities. | |
| ◆ 1. The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ 2. The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user. <i>For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.R.</i> <i>For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.Z.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ 3. The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. <i>For SOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.R.</i> <i>For GOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.Z.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ 4. The application area is located at a site that is a major source of HAP. <i>If the response to Question VIII.Q.4 is "NO," go to Question VIII.Q.6.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | | |
| Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued) | | |
| ◆ | <p>5. The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft³) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day.</p> <p><i>For SOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.R.</i></p> <p><i>For GOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.Z.</i></p> <p><i>For all applications, if the response to Question VIII.Q.5 is "NO," go to Question VIII.Q.9.</i></p> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | <p>6. The application area includes a triethylene glycol (TEG) dehydration unit.</p> <p><i>For SOP applications, if the answer to Question VIII.Q.6 is "NO," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "NO," go to Section VIII.Z.</i></p> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | <p>7. The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761.</p> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | <p>8. The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.</p> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | <p>9. Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii).</p> | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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

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

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | |
| W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued) | |
| 7. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 8. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 9. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.W.8 and W.9 are both "NO," go to Question VIII.W.11.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 10. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 12. The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.W.12 is "NO," go to Question VIII.W.15.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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

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

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

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

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

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

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

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

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

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

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

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | |
| AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued) | |
| 5. The application area includes process wastewater streams. <i>If the response to Question VIII.AA.5 is "NO," go to Question VIII.AA.18.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 6. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 7. The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.8 is "YES," go to Section VIII.AA.22.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.9 is "NO," go to Question VIII.AA.11.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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

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

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| 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. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation | |
| 1. The application area includes a facility at which a site remediation is conducted. <i>If the answer to Question VIII.CC.1 is "NO," go to Section VIII.DD.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 2. The application area is located at a site that is a major source of HAP. <i>If the answer to Question VIII.CC.2 is "NO," go to Section VIII.DD.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3. All site remediation's qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). <i>If the answer to Question VIII.CC.3 is "YES," go to Section VIII.DD.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 4. Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. <i>If the answer to Question VIII.CC.4 is "YES," go to Section VIII.DD.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 5. The site remediation will be completed within 30 consecutive calendar days. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 6. No site remediation will exceed 30 consecutive calendar days. <i>If the answer to Question VIII.CC.6 is "YES," go to Section VIII.DD.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 7. Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 8. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. <i>If the answer to Question VIII.CC.8 is "YES," go to Section VIII.DD.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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

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

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

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| IX. Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions | |
| A. Applicability | |
| ◆ | <div style="display: flex; justify-content: space-between;"> <div style="width: 80%;">1. The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.</div> <div style="width: 10%; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div> |
| X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone | |
| A. Subpart A - Production and Consumption Controls | |
| ◆ | <div style="display: flex; justify-content: space-between;"> <div style="width: 80%;">1. The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.</div> <div style="width: 10%; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div> |
| B. Subpart B - Servicing of Motor Vehicle Air Conditioners | |
| ◆ | <div style="display: flex; justify-content: space-between;"> <div style="width: 80%;">1. Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.</div> <div style="width: 10%; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div> |
| C. Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances | |
| ◆ | <div style="display: flex; justify-content: space-between;"> <div style="width: 80%;">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.</div> <div style="width: 10%; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div> |
| D. Subpart D - Federal Procurement | |
| ◆ | <div style="display: flex; justify-content: space-between;"> <div style="width: 80%;">1. The application area is owned/operated by a department, agency, or instrumentality of the United States.</div> <div style="width: 10%; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div> |
| E. Subpart E - The Labeling of Products Using Ozone Depleting Substances | |
| ◆ | <div style="display: flex; justify-content: space-between;"> <div style="width: 80%;">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.</div> <div style="width: 10%; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div> |
| ◆ | <div style="display: flex; justify-content: space-between;"> <div style="width: 80%;">2. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.</div> <div style="width: 10%; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div> |
| ◆ | <div style="display: flex; justify-content: space-between;"> <div style="width: 80%;">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.</div> <div style="width: 10%; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div> |

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

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

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

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| XI. Miscellaneous (continued) | |
| G. 40 CFR Part 97, Subpart FFFFF - Texas SO₂ Trading Program | |
| 1. The application area includes emission units complying with the requirements of the Texas SO ₂ Trading Program. <i>If the response to Question XI.G.1 is "NO," go to Question XI.G.6.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 2. The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO ₂ and 40 CFR Part 75, Subpart H for heat input. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3. The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO ₂ and heat input. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 4. The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for SO ₂ and heat input. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 5. The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for SO ₂ and heat input. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 6. The application area includes emission units that qualify for the Texas SO ₂ Trading Program retired unit exemption. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| H. Permit Shield (SOP Applicants Only) | |
| 1. A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit. | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |

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

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

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

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

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

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| XII. New Source Review (NSR) Authorizations (continued) | | |
| B. Air Quality Standard Permits (continued) | | |
| ◆ | 11. The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 12. The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.12 is "NO," go to Question XII.B.15.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 13. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 14. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 15. The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 16. The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| C. Flexible Permits | | |
| | 1. The application area includes at least one Flexible Permit NSR authorization. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| D. Multiple Plant Permits | | |
| | 1. The application area includes at least one Multi-Plant Permit NSR authorization. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

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| XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J) | | | |
| E. PSD Permits and PSD Major Pollutants | | | |
| PSD Permit No.: | Issuance Date: | Pollutant(s): | |
| PSD Permit No.: | Issuance Date: | Pollutant(s): | |
| PSD Permit No.: | Issuance Date: | Pollutant(s): | |
| PSD Permit No.: | Issuance Date: | Pollutant(s): | |
| <i>If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.</i> | | | |
| 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): | |
| <i>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.</i> | | | |
| 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.: 21768 | Issuance Date: 8/1/2024 | Authorization No.: | Issuance Date: |
| Authorization No.: 163869 | Issuance Date: 2/25/2021 | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |

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| XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J) | |
| ◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area | |
| <i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i> | |
| PBR No.: 106.183 | Version No./Date: 09/04/2000 |
| PBR No.: 106.261 | Version No./Date: 11/01/2003 |
| PBR No.: 106.263 | Version No./Date: 11/01/2001 |
| PBR No.: 106.371 | Version No./Date: 09/04/2000 |
| PBR No.: 106.473 | 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: |
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| 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: |

OP-REQ2

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

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/31/2024 | 01543 | RN100225036 |

| Unit AI | Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | Potentially Applicable Regulatory Name | Negative Applicability/Superseded Requirement Citation | Negative Applicability/Superseded Requirement Reason |
|---------|--------------|---------------------------|------------------------------------|--|--|--|
| | | FIN T1 | OP-UA3, OP-UA20 | NSPS Subpart K | §60.113(d)(1) | Vapor pressure of stored VOC is less than 1 psia |
| | | FIN T19 | OP-UA3, OP-UA20 | NSPS Subpart K | §60.113(d)(1) | Vapor pressure of stored VOC is less than 1 psia |
| | | FIN T20 | OP-UA3, OP-UA20 | NSPS Subpart K | §60.113(d)(1) | Vapor pressure of stored VOC is less than 1 psia |
| | | FIN T32 | OP-UA3, OP-UA20 | NSPS Subpart Ka | §60.115(d)(1) | Vapor pressure of stored VOC is less than 1 psia |
| | | FIN T33 | OP-UA3, OP-UA20 | NSPS Subpart Ka | §60.115(d)(1) | Vapor pressure of stored VOC is less than 1 psia |
| | | EPN R43 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| | | FIN R38 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| | | FIN R39 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| | | FIN R40 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| | | FIN R45 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| | | FIN R46 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| | | FIN R47 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |

| Unit AI | Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | Potentially Applicable Regulatory Name | Negative Applicability/Superseded Requirement Citation | Negative Applicability/Superseded Requirement Reason |
|---------|--------------|---------------------------|------------------------------------|--|--|--|
| | | FIN R48 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| | | FIN R49 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| | | FIN R50 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| | | FIN R51 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| | | FIN R52 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| | | FIN R57 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| | | FIN R58 | OP-UA3, OP-UA20 | NSPS Subpart Kb | §60.110b(b) | Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa) |
| A | 5 | FIN R61 | OP-UA3, OP-UA20 | NSPS Subpart Kc | §60.110c(a) | Storage vessel capacity is less than 75 m ³ |
| A | 6 | FIN R62 | OP-UA3, OP-UA20 | NSPS Subpart Kc | §60.110c(a) | Storage vessel capacity is less than 75 m ³ |
| A | 7 | FIN R63 | OP-UA3, OP-UA20 | NSPS Subpart Kc | §60.110c(a) | Storage vessel capacity is less than 75 m ³ |
| A | 8 | FIN R64 | OP-UA3, OP-UA20 | NSPS Subpart Kc | §60.110c(a) | Storage vessel capacity is less than 75 m ³ |
| A | 9 | FIN R65 | OP-UA3, OP-UA20 | NSPS Subpart Kc | §60.110c(a) | Storage vessel capacity is less than 75 m ³ |
| A | 10 | FIN R66 | OP-UA3, OP-UA20 | NSPS Subpart Kc | §60.110c(a) | Storage vessel capacity is less than 75 m ³ |
| A | 11 | FIN R67 | OP-UA3, OP-UA20 | NSPS Subpart Kc | §60.110c(a) | Storage vessel capacity is less than 75 m ³ |
| | | EPN A130 | OP-UA6 | NSPS Subpart Dc | §60.40c(a) | The boiler burns only natural gas and has a maximum design heat input capacity of 6.825 MMBtu/hr |
| | | EPN R2 | OP-REQ2 | NESHAP Subpart DDDDD | §63.7485 | Owens Corning Houston is not a major source of HAP. |

| Unit AI | Revision No. | Unit/Group/ Process ID No. | Unit/Group/ Process Applicable Form | Potentially Applicable Regulatory Name | Negative Applicability/Superseded Requirement Citation | Negative Applicability/Superseded Requirement Reason |
|---------|--------------|----------------------------|-------------------------------------|--|--|--|
| | | EPN R14 | OP-REQ2 | NESHAP Subpart DDDDD | §63.7485 | Owens Corning Houston is not a major source of HAP. |
| | | EPN R55 | OP-REQ2 | NESHAP Subpart DDDDD | §63.7485 | Owens Corning Houston is not a major source of HAP. |
| | | EPN R60 | OP-REQ2 | NESHAP Subpart DDDDD | §63.7485 | Owens Corning Houston is not a major source of HAP. |
| | | EPN A64 | OP-REQ2 | NESHAP Subpart DDDDD | §63.7485 | Owens Corning Houston is not a major source of HAP. |
| | | EPN A69 | OP-REQ2 | NESHAP Subpart DDDDD | §63.7485 | Owens Corning Houston is not a major source of HAP. |
| | | EPN A70 | OP-REQ2 | NESHAP Subpart DDDDD | §63.7485 | Owens Corning Houston is not a major source of HAP. |
| | | EPN A78 | OP-REQ2 | NESHAP Subpart DDDDD | §63.7485 | Owens Corning Houston is not a major source of HAP. |
| | | EPN A79 | OP-REQ2 | NESHAP Subpart DDDDD | §63.7485 | Owens Corning Houston is not a major source of HAP. |
| | | FIN H7 | OP-REQ2 | NESHAP Subpart DDDDD | §63.7485 | Owens Corning Houston is not a major source of HAP. |
| | | EPN R10 | OP-UA20 | NSPS Subpart UU | §60.471 | The definition of material handling only includes unloading from a carrier, conveyor transfer points between the carrier and the storage silos, and the storage silos. Vents in the roofing manufacturing process that have emissions from material handling are not included. |
| | | EPN R15 | OP-UA15, OP-UA20 | NSPS Subpart UU | §60.471 | The definition of material handling only includes unloading from a carrier, conveyor transfer points between the carrier and the storage silos, and the storage silos. Vents in the roofing manufacturing process that have emissions from material handling are not included. |
| | | EPN R56 | OP-UA20 | NSPS Subpart UU | §60.471 | The definition of material handling only includes unloading from a carrier, conveyor transfer points between the carrier and the storage silos, and the storage silos. Vents in the roofing manufacturing process that have emissions from material handling are not included. |
| A | 13 | FIN P23 | OP-UA20 | NSPS Subpart UU | §60.471 | The bin vent is not subject, as it is located after the storage silos and is not considered part of the affected source. |
| A | 14 | FIN P24 | OP-UA20 | NSPS Subpart UU | §60.471 | The bin vent is not subject, as it is located after the storage silos and is not considered part of the affected source. |

| | | | | | | |
|---|----|---------|-----------------|-----------------|---------|--|
| A | 15 | FIN P25 | OP-UA20 | NSPS Subpart UU | §60.471 | The bin vent is not subject, as it is located after the storage silos and is not considered part of the affected source. |
| A | 16 | FIN P26 | OP-UA20 | NSPS Subpart UU | §60.471 | The bin vent is not subject, as it is located after the storage silos and is not considered part of the affected source. |
| A | 17 | FIN P27 | OP-UA20 | NSPS Subpart UU | §60.471 | The bin vent is not subject, as it is located after the storage silos and is not considered part of the affected source. |
| A | 18 | FIN P28 | OP-UA20 | NSPS Subpart UU | §60.471 | The bin vent is not subject, as it is located after the storage silos and is not considered part of the affected source. |
| A | 19 | FIN P29 | OP-UA20 | NSPS Subpart UU | §60.471 | The bin vent is not subject, as it is located after the storage silos and is not considered part of the affected source. |
| A | 20 | FIN P30 | OP-UA20 | NSPS Subpart UU | §60.471 | The bin vent is not subject, as it is located after the storage silos and is not considered part of the affected source. |
| A | 22 | FIN D3 | OP-UA20 | NSPS Subpart UU | §60.471 | The bin is not subject, as it is located after the storage silos and is not considered part of the affected source. |
| A | 23 | FIN D4 | OP-UA20 | NSPS Subpart UU | §60.471 | The bin is not subject, as it is located after the storage silos and is not considered part of the affected source. |
| A | 5 | FIN R61 | OP-UA3, OP-UA20 | NSPS Subpart UU | §60.471 | The south underlayment tanks are considered process tanks and do not meet the definition of asphalt storage tank. |
| A | 6 | FIN R62 | OP-UA3, OP-UA20 | NSPS Subpart UU | §60.471 | The south underlayment tanks are considered process tanks and do not meet the definition of asphalt storage tank. |
| A | 7 | FIN R63 | OP-UA3, OP-UA20 | NSPS Subpart UU | §60.471 | The south underlayment tanks are considered process tanks and do not meet the definition of asphalt storage tank. |
| A | 8 | FIN R64 | OP-UA3, OP-UA20 | NSPS Subpart UU | §60.471 | The south underlayment tanks are considered process tanks and do not meet the definition of asphalt storage tank. |
| A | 9 | FIN R65 | OP-UA3, OP-UA20 | NSPS Subpart UU | §60.471 | The south underlayment tanks are considered process tanks and do not meet the definition of asphalt storage tank. |
| A | 10 | FIN R66 | OP-UA3, OP-UA20 | NSPS Subpart UU | §60.471 | The south underlayment tanks are considered process tanks and do not meet the definition of asphalt storage tank. |
| A | 11 | FIN R67 | OP-UA3, OP-UA20 | NSPS Subpart UU | §60.471 | The south underlayment tanks are considered process tanks and do not meet the definition of asphalt storage tank. |

| | | | | | | |
|---|---|---------|-----------------|---------------------------------------|-------------------|--|
| A | 1 | EPN R70 | OP-UA15 | 30 TAC 115 Subchapter B Division 2 | §115.127(a)(2)(B) | The Roofing RTO vent is not subject, as the vent gas stream has a concentration of VOC less than 612 ppmv. |
| A | 2 | EPN R8 | OP-UA15 | 30 TAC 115 Subchapter B Division 2 | §115.127(a)(2)(A) | The South General Vent is not subject, as the vent gas stream has a combined weight of VOC less than 100 pounds in any continuous 24-hour period. |
| | | FIN R45 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter D Division 3 | §115.10(15) | Owens Corning Houston does store and utilize asphalt in its roofing plant. The asphalt received is a finished petroleum derivative. Asphalts and additives are mixed, but no petroleum processing is conducted onsite. |
| | | FIN R46 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter D Division 3 | §115.10(15) | Owens Corning Houston does store and utilize asphalt in its roofing plant. The asphalt received is a finished petroleum derivative. Asphalts and additives are mixed, but no petroleum processing is conducted onsite. |
| | | FIN R47 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter D Division 3 | §115.10(15) | Owens Corning Houston does store and utilize asphalt in its roofing plant. The asphalt received is a finished petroleum derivative. Asphalts and additives are mixed, but no petroleum processing is conducted onsite. |
| | | FIN R48 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter D Division 3 | §115.10(15) | Owens Corning Houston does store and utilize asphalt in its roofing plant. The asphalt received is a finished petroleum derivative. Asphalts and additives are mixed, but no petroleum processing is conducted onsite. |
| | | FIN R49 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter D Division 3 | §115.10(15) | Owens Corning Houston does store and utilize asphalt in its roofing plant. The asphalt received is a finished petroleum derivative. Asphalts and additives are mixed, but no petroleum processing is conducted onsite. |
| | | FIN R50 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter D Division 3 | §115.10(15) | Owens Corning Houston does store and utilize asphalt in its roofing plant. The asphalt received is a finished petroleum derivative. Asphalts and additives are mixed, but no petroleum processing is conducted onsite. |
| | | FIN R51 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter D Division 3 | §115.10(15) | Owens Corning Houston does store and utilize asphalt in its roofing plant. The asphalt received is a finished petroleum derivative. Asphalts and additives are mixed, but no petroleum processing is conducted onsite. |

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|---|----|---------|-----------------|------------------------------------|-------------|--|
| | | FIN R52 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter D Division 3 | §115.10(15) | Owens Corning Houston does store and utilize asphalt in its roofing plant. The asphalt received is a finished petroleum derivative. Asphalts and additives are mixed, but no petroleum processing is conducted onsite. |
| | | FIN R57 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter D Division 3 | §115.10(15) | Owens Corning Houston does store and utilize asphalt in its roofing plant. The asphalt received is a finished petroleum derivative. Asphalts and additives are mixed, but no petroleum processing is conducted onsite. |
| | | FIN R58 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter D Division 3 | §115.10(15) | Owens Corning Houston does store and utilize asphalt in its roofing plant. The asphalt received is a finished petroleum derivative. Asphalts and additives are mixed, but no petroleum processing is conducted onsite. |
| | | FIN P4 | OP-UA1, OP-UA20 | 30 TAC 115 Subchapter E Division 7 | §115.470(b) | Owens Corning Houston operates several coating operations including coating of a fiberglass mat with various asphalt formulations, mineral coating applications, roll paint coating operations on an asphalt shingle, coating of asphalt shingles with an adhesive and/or sealant type asphalt, and packaging ink jet printing coating. Owens Corning Houston does not use any adhesive or adhesive primer as defined in 115.470(b). |
| | | FIN P11 | OP-UA1, OP-UA20 | 30 TAC 115 Subchapter E Division 7 | §115.470(b) | Owens Corning Houston operates several coating operations including coating of a fiberglass mat with various asphalt formulations, mineral coating applications, roll paint coating operations on an asphalt shingle, coating of asphalt shingles with an adhesive and/or sealant type asphalt, and packaging ink jet printing coating. Owens Corning Houston does not use any adhesive or adhesive primer as defined in 115.470(b). |
| A | 12 | FIN P22 | OP-UA1, OP-UA20 | 30 TAC 115 Subchapter E Division 7 | §115.470(b) | Owens Corning Houston operates several coating operations including coating of a fiberglass mat with various asphalt formulations, mineral coating applications, roll paint coating operations on an asphalt shingle, coating of asphalt shingles with an adhesive and/or sealant type asphalt, and packaging ink jet printing coating. Owens Corning Houston does not use any adhesive or adhesive primer as defined in 115.470(b). |

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|---|---|---------|-----------------|---------------------------------------|-------------|--|
| | | EPN R5 | OP-UA15 | 30 TAC 115 Subchapter E Division 7 | §115.470(b) | Owens Corning Houston operates several coating operations including coating of a fiberglass mat with various asphalt formulations, mineral coating applications, roll paint coating operations on an asphalt shingle, coating of asphalt shingles with an adhesive and/or sealant type asphalt, and packaging ink jet printing coating. Owens Corning Houston does not use any adhesive or adhesive primer as defined in 115.470(b). |
| | | EPN R6 | OP-UA15 | 30 TAC 115 Subchapter E Division 7 | §115.470(b) | Owens Corning Houston operates several coating operations including coating of a fiberglass mat with various asphalt formulations, mineral coating applications, roll paint coating operations on an asphalt shingle, coating of asphalt shingles with an adhesive and/or sealant type asphalt, and packaging ink jet printing coating. Owens Corning Houston does not use any adhesive or adhesive primer as defined in 115.470(b). |
| | | EPN R7 | OP-UA15 | 30 TAC 115 Subchapter E Division 7 | §115.470(b) | Owens Corning Houston operates several coating operations including coating of a fiberglass mat with various asphalt formulations, mineral coating applications, roll paint coating operations on an asphalt shingle, coating of asphalt shingles with an adhesive and/or sealant type asphalt, and packaging ink jet printing coating. Owens Corning Houston does not use any adhesive or adhesive primer as defined in 115.470(b). |
| A | 2 | EPN R8 | OP-UA15 | 30 TAC 115 Subchapter E Division 7 | §115.470(b) | Owens Corning Houston operates several coating operations including coating of a fiberglass mat with various asphalt formulations, mineral coating applications, roll paint coating operations on an asphalt shingle, coating of asphalt shingles with an adhesive and/or sealant type asphalt, and packaging ink jet printing coating. Owens Corning Houston does not use any adhesive or adhesive primer as defined in 115.470(b). |
| | | FIN T1 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter F Division 1 | §115.510 | Owens Corning Houston does not sell or offer for sale cutback asphalt. |
| | | FIN T19 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter F Division 1 | §115.510 | Owens Corning Houston does not sell or offer for sale cutback asphalt. |

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|---|---|----------|------------------|------------------------------------|------------|--|
| | | FIN T20 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter F Division 1 | §115.510 | Owens Corning Houston does not sell or offer for sale cutback asphalt. |
| | | FIN T32 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter F Division 1 | §115.510 | Owens Corning Houston does not sell or offer for sale cutback asphalt. |
| | | FIN T33 | OP-UA3, OP-UA20 | 30 TAC 115 Subchapter F Division 1 | §115.510 | Owens Corning Houston does not sell or offer for sale cutback asphalt. |
| | | EPN R5 | OP-UA15 | NSPS Subpart OOO | §60.670(a) | Owens Corning Houston does not crush or grind any nonmetallic mineral and is therefore not a nonmetallic mineral processing plant. |
| | | EPN R6 | OP-UA15 | NSPS Subpart OOO | §60.670(a) | Owens Corning Houston does not crush or grind any nonmetallic mineral and is therefore not a nonmetallic mineral processing plant. |
| | | EPN R7 | OP-UA15 | NSPS Subpart OOO | §60.670(a) | Owens Corning Houston does not crush or grind any nonmetallic mineral and is therefore not a nonmetallic mineral processing plant. |
| A | 2 | EPN R8 | OP-UA15 | NSPS Subpart OOO | §60.670(a) | Owens Corning Houston does not crush or grind any nonmetallic mineral and is therefore not a nonmetallic mineral processing plant. |
| | | EPN R15 | OP-UA15, OP-UA20 | NSPS Subpart OOO | §60.670(a) | Owens Corning Houston does not crush or grind any nonmetallic mineral and is therefore not a nonmetallic mineral processing plant. |
| | | EPN R18C | OP-UA20 | NSPS Subpart OOO | §60.670(a) | Owens Corning Houston does not crush or grind any nonmetallic mineral and is therefore not a nonmetallic mineral processing plant. |
| | | EPN R9 | OP-UA20 | NSPS Subpart OOO | §60.670(a) | Owens Corning Houston does not crush or grind any nonmetallic mineral and is therefore not a nonmetallic mineral processing plant. |
| | | EPN R10 | OP-UA20 | NSPS Subpart OOO | §60.670(a) | Owens Corning Houston does not crush or grind any nonmetallic mineral and is therefore not a nonmetallic mineral processing plant. |

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| | | EPN R5 | OP-UA15 | 40 CFR 59 | §59.202 | Owens Corning Houston does not manufacture or import consumer products, as defined in 40 CFR 59.202, for sale or distribution in the United States. No products produced at Owens Corning Houston are listed in Tables 1 or 2 of 40 CFR Subpart C. |
| | | EPN R6 | OP-UA15 | 40 CFR 59 | §59.202 | Owens Corning Houston does not manufacture or import consumer products, as defined in 40 CFR 59.202, for sale or distribution in the United States. No products produced at Owens Corning Houston are listed in Tables 1 or 2 of 40 CFR Subpart C. |
| | | EPN R7 | OP-UA15 | 40 CFR 59 | §59.202 | Owens Corning Houston does not manufacture or import consumer products, as defined in 40 CFR 59.202, for sale or distribution in the United States. No products produced at Owens Corning Houston are listed in Tables 1 or 2 of 40 CFR Subpart C. |
| A | 2 | EPN R8 | OP-UA15 | 40 CFR 59 | §59.202 | Owens Corning Houston does not manufacture or import consumer products, as defined in 40 CFR 59.202, for sale or distribution in the United States. No products produced at Owens Corning Houston are listed in Tables 1 or 2 of 40 CFR Subpart C. |

OP-REQ3

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

Table 1a: Additions

| | | |
|---|--|--------------------------|
| Date: 12/31/2024 | Regulated Entity No.: RN100225036 | Permit No.: O1543 |
| Company Name: Owens Corning Roofing and Asphalt, LLC | Area Name: Owens Corning Roofing and Asphalt, LLC – Houston Roofing Plant | |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No | Pollutant | Applicable Regulatory Requirement Name | Applicable Regulatory Requirement Standard(s) |
|--------------|---------------------------|------------------------------------|------------------|--------------|--|--|
| 1 | EPN R70 | OP-UA15 | R1111 | PM | 30 TAC Chapter 111 Subchapter A Division 1 | §111.111(a)(1)(B), §111.111(a)(1)(F)(ii) and (G) |
| 2 | EPN R8 | OP-UA15 | R1111 | PM | 30 TAC Chapter 111 Subchapter A Division 1 | §111.111(a)(1)(B), §111.111(a)(1)(F)(ii) and (G) |
| 3 | EPN R60 | OP-REQ2 | R1111 | PM | 30 TAC Chapter 111 Subchapter A Division 1 | §111.111(a)(1)(B), §111.111(a)(1)(F)(ii) and (G) |
| 12 | FIN P22 | OP-UA1, OP-UA20 | 60UU | PM | 40 CFR Part 60 Subpart UU | §60.472(a)(1)(ii) |
| 12 | FIN P22 | OP-UA1, OP-UA20 | 60UU | PM (Opacity) | 40 CFR Part 60 Subpart UU | §60.472(a)(2),(3) |
| 12 | FIN P22 | OP-UA1, OP-UA20 | 63AAAAAAA | PM | 40 CFR Part 63 Subpart AAAAAAA | §63.11561(b) |
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**Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program**

Table 1b: Additions

| | | |
|---|--|--------------------------|
| Date: 12/31/2024 | Regulated Entity No.: RN100225036 | Permit No.: O1543 |
| Company Name: Owens Corning Roofing and Asphalt, LLC | Area Name: Owens Corning Roofing and Asphalt, LLC – Houston Roofing Plant | |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements | Recordkeeping Requirements | Reporting Requirements |
|--------------|---------------------------|-------------------|--------------|--|----------------------------|--------------------------|
| 1 | EPN R70 | R1111 | PM | N/A | N/A | N/A |
| 2 | EPN R8 | R1111 | PM | N/A | N/A | N/A |
| 3 | EPN R60 | R1111 | PM | N/A | N/A | N/A |
| 12 | FIN P22 | 60UU | PM | §60.473(c) §60.473(d) §60.474(a) §60.474(a)(2) §60.474(b) §60.474(c)(1) §60.474(c)(2) §60.474(c)(3) | §60.473(d) | §60.473(c) §60.473(d) |
| 12 | FIN P22 | 60UU | PM (Opacity) | §60.473(d) §60.474(a) §60.474(a)(2) §60.474(b) §60.474(c)(5) §60.474(d) | §60.473(d) | §60.473(d) |

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|----|---------|-----------|----|---|---|--|
| 12 | FIN P22 | 63AAAAAAA | PM | §63.11562(b) §63.11562(d) §63.11562(g) §63.11562(h) §63.11562(i)(1) §63.11562(i)(2)(ii) §63.11562(i)(4) §63.11563(a) §63.11563(b) §63.11563(c) §63.11563(d) §63.11563(i) §63.11563(j) §63.11563(k) | §63.11564(c)(1) §63.11564(c)(2) §63.11564(c)(3) §63.11564(c)(4) §63.11564(c)(8) §63.11564(c)(10) | §63.11564(a)(1) §63.11564(a)(3) §63.11564(a)(4) §63.11564(a)(5) §63.11564(b) |
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**Applicable Requirements Summary
Form OP-REQ3 (Page 3)
Federal Operating Permit Program**

Table 2a: Deletions

| | | |
|---|--|--------------------------|
| Date: 12/31/2024 | Regulated Entity No.: RN100225036 | Permit No.: O1543 |
| Company Name: Owens Corning Roofing and Asphalt, LLC | Area Name: Owens Corning Roofing and Asphalt, LLC – Houston Roofing Plant | |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No. | Pollutant | Applicable Regulatory Requirement Name | Applicable Regulatory Requirement Standard(s) |
|--------------|---------------------------|------------------------------------|-------------------|--------------|---|--|
| 24 | EPN R1 | | R5121 | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.127(a)(2)(A) § 115.122(a)(4) § 115.127(a)(2) |
| 24 | EPN R1 | | R5121 | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.127(a)(2)(B) § 115.122(a)(4) § 115.127(a)(2) |
| 24 | EPN R1 | | 60UU | PM (Opacity) | 40 CFR Part 60, Subpart UU | § 60.472(a)(2) § 60.472(a)(3) |
| 24 | EPN R1 | | 63AAAAAA AA | PM | 40 CFR Part 63, Subpart AAAAAAA | § 63.11561(b)-Table 2.1.b § 63.11561(b) § 63.11561(c) § 63.11563(i) |
| 25 | EPN R53 | | R5412 | VOC | 30 TAC Chapter 115, Degreasing Processes | § 115.412(1) § 115.411(1) § 115.412(1)(A) § 115.412(1)(C) § 115.412(1)(E) § 115.412(1)(F) |

| | | | | | | |
|----|----------|--|-------|--------------|---|--|
| 26 | EPN A122 | | R5412 | VOC | 30 TAC Chapter 115, Degreasing Processes | § 115.412(1) § 115.411(1) § 115.412(1)(A) § 115.412(1)(C) § 115.412(1)(E) § 115.412(1)(F) |
| 27 | EPN R18A | | 60UU | PM (Opacity) | 40 CFR Part 60, Subpart UU | § 60.473(c) § 60.473(d) § 60.474(b) § 60.474(c)(5) |
| | | | | | | |

Applicable Requirements Summary
Form OP-REQ3 (Page 4)
Federal Operating Permit Program

Table 2b: Deletions

| | | |
|---|--|--|
| Date: 12/31/2024 | Regulated Entity No.: RN100225036 | Permit No.: O1543 |
| Company Name: Owens Corning Roofing and Asphalt, LLC | | Area Name: Owens Corning Roofing and Asphalt, LLC – Houston Roofing Plant |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements | Recordkeeping Requirements | Reporting Requirements |
|--------------|---------------------------|------------------------------------|-------------------|-----------------|---|---|--|
| 24 | EPN R1 | | R5121 | VOC | § 115.125 § 115.126(2) § 115.126(3)(B) | § 115.126 § 115.126(2) § 115.126(3) § 115.126(3)(B) | None |
| 24 | EPN R1 | | R5121 | VOC | § 115.125 § 115.126(2) § 115.126(3)(C) | § 115.126 § 115.126(2) § 115.126(3) § 115.126(3)(C) | None |
| 24 | EPN R1 | | 60UU | PM (Opacity) | § 60.473(d) § 60.474(a) § 60.474(a)(1) § 60.474(b) § 60.474(c)(5) § 60.474(d) | § 60.473(d) | § 60.473(d) |
| 24 | EPN R1 | | 63AAAAAAA | PM | § 63.11562(b) § 63.11562(b)(1) § 63.11562(b)(3) § 63.11562(d) § 63.11562(g) § 63.11562(i)(1) § 63.11562(i)(2) | § 63.11563(c) § 63.11564(c) § 63.11564(c)(1) § 63.11564(c)(10) § 63.11564(c)(2) § 63.11564(c)(3) § 63.11564(c)(4) | § 63.11564(a) § 63.11564(a)(1) § 63.11564(a)(2) § 63.11564(a)(4) § 63.11564(a)(5) § 63.11564(a)(6) § 63.11564(b) |

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|----|----------|--|-------|-----------------|--|--------------------------------------|----------------------------|
| | | | | | § 63.11562(i)(2)(ii) § 63.11562(i)(4) § 63.11563(a) § 63.11563(a)-Table 4.2.a § 63.11563(a)-Table 4.2.b § 63.11563(b) § 63.11563(c) § 63.11563(d) § 63.11563(e) § 63.11563(i) § 63.11563(j) § 63.11563(k) | § 63.11564(c)(5) § 63.11564(c)(8) | |
| 25 | EPN R53 | | R5412 | VOC | § 115.415(1) § 115.415(3) | None | None |
| 26 | EPN A122 | | R5412 | VOC | § 115.415(1) § 115.415(3) | None | None |
| 27 | EPN R18A | | 60UU | PM (Opacity) | § 60.473(c) § 60.473(d) § 60.474(b) § 60.474(c)(5) | § 60.473(d) | § 60.473(c) § 60.473(d) |
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OP-SUMR

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

[Table 1](#)

| Date | Permit No. | Regulated Entity No. |
|----------|------------|----------------------|
| 12/31/24 | O1543 | RN100225036 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|--------------------|------------------------------|------------------------|------------------------------------|--|---------------------|---|---|
| D | 24 | EPN R1 | | Coater Fiber Bed Filter Stack | | NSR-21768 | |
| | | EPN R2 | OP-REQ2 | Filler Heater Stack | | NSR-21768 | |
| | | EPN R3 | OP-UA15 | Cooling Section Stack 1 | | NSR-21768 | |
| | | EPN R4 | OP-UA15 | Cooling Section Stack 2 | | NSR-21768 | |
| | | EPN R5 | OP-UA15 | General Ventilation Vent #1 | | NSR-21768 | |
| | | EPN R6 | OP-UA15 | General Ventilation Vent #2 | | NSR-21768 | |
| | | EPN R7 | OP-UA15 | General Ventilation Vent #3 | | NSR-21768 | |
| | | EPN R9 | OP-UA20 | Filler Storage Silo Baghouse Stack | | NSR-21768 | |
| | | EPN R10 | OP-UA20 | Filler Upper Surge Hopper Baghouse Stack | | NSR-21768 | |
| | | EPN R14 | OP-REQ2 | Asphalt Preheater No. 1 Stack | | NSR-21768 | |
| | | EPN R15 | OP-UA15, OP-UA20 | Roofing Line Process Dust Collector Stack | | NSR-21768 | |

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

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

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| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|-----------------|---------------------------|---------------------|------------------------------|---|------------------|---|--|
| | | EPN R18C | OP-UA20 | Surfacing Material Truck Unloading | | NSR-21768 | |
| D | 27 | EPN R18A | OP-UA20 | Surfacing Material Rail Unloading | | NSR-21768 | |
| | | EPN R59 | | Surfacing Material Railcar Unloading Dust Collector Stack | | NSR-21768 | |
| | | EPN R43 | OP-UA3, OP-UA20 | Asphalt Melt Tank | | NSR-21768 | |
| D | 25 | EPN R53 | | Roofing Quality Lab Parts Washer | | NSR-21768 | |
| D | 26 | EPN A122 | | Solvent Cold Cleaner | | NSR-21768 | |
| | | EPN A44 | OP-UA15 | Fiber Bed Filter | | NSR-21768 | |
| | | EPN A130 | OP-UA6 | Boiler | | NSR-21768 | |
| | | EPN R55 | OP-REQ2 | Roofing Hot Oil Heater | | NSR-21768 | |
| | | EPN R56 | OP-UA20 | Hot Filler Bin Vent | | NSR-21768 | |
| | | EPN A64 | OP-REQ2 | Tank Burner 1 | | NSR-21768 | |
| | | EPN A69 | OP-REQ2 | Tank Burner 19 | | NSR-21768 | |
| | | EPN A70 | OP-REQ2 | Tank Burner 20 | | NSR-21768 | |
| | | EPN A78 | OP-REQ2 | Tank Burner 32 | | NSR-21768 | |
| | | EPN A79 | OP-REQ2 | Tank Burner 33 | | NSR-21768 | |
| | | FIN T1 | OP-UA3, OP-UA20 | Tank 1 | | NSR-21768 | |
| | | FIN T19 | OP-UA3, OP-UA20 | Tank 19 | | NSR-21768 | |

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

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

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| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|--------------------|------------------------------|------------------------|------------------------------------|--------------------------------|---------------------|---|---|
| | | FIN T20 | OP-UA3, OP-UA20 | Tank 20 | | NSR-21768 | |
| | | FIN T32 | OP-UA3, OP-UA20 | Tank 32 | | NSR-21768 | |
| | | FIN T33 | OP-UA3, OP-UA20 | Tank 33 | | NSR-21768 | |
| | | FIN R35 | | Adhesive Applicator | | NSR-21768 | |
| | | FIN R32 | | Sealant Applicator | | NSR-21768 | |
| | | FIN R38 | OP-UA3, OP-UA20 | Sealant Use Tank | | NSR-21768 | |
| | | FIN R39 | OP-UA3, OP-UA20 | Adhesive Use Tank | | NSR-21768 | |
| | | FIN R40 | OP-UA3, OP-UA20 | Sealant Melt Tank 1 | | NSR-21768 | |
| | | FIN R45 | OP-UA3, OP-UA20 | Mix Tank | | NSR-21768 | |
| | | FIN R46 | OP-UA3, OP-UA20 | Let Down Tank (Swing Tank) | | NSR-21768 | |
| | | FIN R47 | OP-UA3, OP-UA20 | Core Batch Tank #1 | | NSR-21768 | |
| | | FIN R48 | OP-UA3, OP-UA20 | Core Batch Tank #2 | | NSR-21768 | |
| | | FIN R49 | OP-UA3, OP-UA20 | Sticky Batch Tank #1 | | NSR-21768 | |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|-----------------|---------------------------|---------------------|------------------------------|-----------------------------------|------------------|---|--|
| | | FIN R50 | OP-UA3, OP-UA20 | Sticky Batch Tank #2 | | NSR-21768 | |
| | | FIN R51 | OP-UA3, OP-UA20 | Horizontal Mixer | | NSR-21768 | |
| | | FIN R52 | OP-UA3, OP-UA20 | Filled Coating Surge Tank | | NSR-21768 | |
| | | FIN R57 | OP-UA3, OP-UA20 | Wetting Tank | | NSR-21768 | |
| | | FIN R58 | OP-UA3, OP-UA20 | Coater Surge Tank | | NSR-21768 | |
| | | FIN H7 | OP-REQ2 | IR Heater | | NSR-21768 | |
| | | FIN P4 | OP-UA1, OP-UA20 | Coater | | NSR-21768 | |
| | | FIN P11 | OP-UA1, OP-UA20 | Underlayment Coaters | | NSR-21768 | |
| | | Cooling Tower | OP-REQ1 | Facility Cooling Tower | | 106.371/9/4/2000 | |
| | | MSS Requirements | OP-REQ1 | Incorporation of MSS requirements | | 106.263/11/1/2001 & NSR-21768 | |
| A | 1 | EPN R70 | OP-UA15 | Roofing RTO | | NSR-21768 | |
| A | 2 | EPN R8 | OP-UA15 | South General Ventilation | | NSR-21768 | |
| A | 3 | EPN R60 | OP-REQ2 | South Hot Oil Heater | | NSR-21768 | |
| A | 4 | EPN R44 | OP-UA3 | Modifier Oil Tank | | NSR-21768 | |
| A | 5 | FIN R61 | OP-UA3, OP-UA20 | Batch Tank 1 | | NSR-21768 | |

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

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

Page ____ of ____

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|--------------------|------------------------------|------------------------|------------------------------------|--------------------------------|---------------------|---|---|
| A | 6 | FIN R62 | OP-UA3, OP-UA20 | Batch Tank 2 | | NSR-21768 | |
| A | 7 | FIN R63 | OP-UA3, OP-UA20 | Batch Tank 3 | | NSR-21768 | |
| A | 8 | FIN R64 | OP-UA3, OP-UA20 | Batch Tank 4 | | NSR-21768 | |
| A | 9 | FIN R65 | OP-UA3, OP-UA20 | Mixing Tank | | NSR-21768 | |
| A | 10 | FIN R66 | OP-UA3, OP-UA20 | Let Down Tank | | NSR-21768 | |
| A | 11 | FIN R67 | OP-UA3, OP-UA20 | Wet Mixing Tank | | NSR-21768 | |
| A | 12 | FIN P22 | OP-UA1, OP-UA20 | South Underlayment Coater | | NSR-21768 | |
| A | 13 | FIN P23 | OP-UA20 | Dense Phase Bin | | NSR-21768 | |
| A | 14 | FIN P24 | OP-UA20 | Tank Filler Hopper 1 Bin Vent | | NSR-21768 | |
| A | 15 | FIN P25 | OP-UA20 | Tank Filler Hopper 2 Bin Vent | | NSR-21768 | |
| A | 16 | FIN P26 | OP-UA20 | Filler Bin | | NSR-21768 | |
| A | 17 | FIN P27 | OP-UA20 | Polymer Bin Vent | | NSR-21768 | |
| A | 18 | FIN P28 | OP-UA20 | Additive 1 | | NSR-21768 | |
| A | 19 | FIN P29 | OP-UA20 | Additive 2 | | NSR-21768 | |
| A | 20 | FIN P30 | OP-UA20 | Additive 3 | | NSR-21768 | |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|--------------------|------------------------------|------------------------|------------------------------------|--------------------------------|---------------------|---|---|
| A | 21 | FIN P31 | | South Printer | | NSR-21768 | |
| A | 22 | FIN D3 | OP-UA20 | Granule Bin | | NSR-21768 | |
| A | 23 | FIN D4 | OP-UA20 | Backdust Bin | | NSR-21768 | |

OP-UA1

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

| | |
|------------------------------|-------------|
| Date: | 12/31/2024 |
| Permit No.: | O1543 |
| Regulated Entity No.: | RN100225036 |

| Unit ID No. | SOP/GOP Index No. | Unit Type | Date Constructed/Placed in Service | Functionally Identical Replacement | Maximum Rated Capacity | Technical Information and Unit Description |
|-------------|-------------------|-----------|--|--|---------------------------|--|
| FIN P4 | 63AAAAAAA | EU | 2017 | | | Asphalt coater constructed after July 9, 2009 |
| FIN P11 | 63AAAAAAA | EU | Prior to 2009 | | | Asphalt coater constructed before July 9, 2009 |
| FIN P22 | 63AAAAAAA | EU | Planned 2025 | | | Asphalt coater constructed after July 9, 2009 |
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OP-UA3

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. |
|------------|------------|----------------------|
| 12/31/2024 | 01543 | RN100225036 |

| Unit ID No. | SOP/GOP Index No. | Construction/Modification Date ¹ | Storage Capacity ² | Product Stored | True Vapor Pressure | Storage Vessel Description | Reid Vapor Pressure | Maximum TVP | Estimated TVP | Control Device ID No. |
|-------------|-------------------|---|-------------------------------|----------------|---------------------|----------------------------|---------------------|-------------|---------------|-----------------------|
| FIN T1 | 60K | | | PTLQ-1 | 1.5- | NONE1 | OTH1- | 1- | | |
| FIN T19 | 60K | | | PTLQ-1 | 1.5- | NONE1 | OTH1- | 1- | | |
| FIN T20 | 60K | | | PTLQ-1 | 1.5- | NONE1 | OTH1- | 1- | | |
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¹ In accordance with the initial Title V application dated May 22, 2000, Tanks 1, 19, and 20 were constructed prior to 7/23/1984. Without specific construction information, applicability is evaluated.

² Exact storage capacities of the tanks in Table 1 is not known; however, the vapor pressure is relied upon for exemption from requirements of Subpart K.

**Storage Tank/Vessel Attributes
Form OP-UA3 (Page 2)
Federal Operating Permit Program
Table 2: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Ka: Standards of Performance for Storage Vessels for Petroleum Liquids
Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/31/2024 | 01543 | RN100225036 |

| Unit ID No. ³ | SOP/GOP Index No. | Product Stored | Storage Capacity | True Vapor Pressure | Storage Vessel Description | AMEL ID No. | Reid Vapor Pressure | Maximum TVP | Estimated TVP | Control Device ID No. |
|--------------------------|-------------------|----------------|------------------|---------------------|----------------------------|-------------|---------------------|-------------|---------------|-----------------------|
| FIN T32 | 60Ka | PTLQ-2 | 40K+ | 1.5- | NONE2 | | OTH1- | 1- | | |
| FIN T33 | 60Ka | PTLQ-2 | 40K+ | 1.5- | NONE2 | | OTH1- | 1- | | |
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³ In accordance with the initial Title V application dated May 22, 2000, these units were constructed after 1980 and prior to 7/23/1984.

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

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/31/2024 | 01543 | RN100225036 |

| Unit ID No. | SOP/GOP Index No. | Product Stored | Storage Capacity ⁴ | WW Tank Control | Maximum TVP | Storage Vessel Description | AMEL ID No. | Guidepole | Reid Vapor Pressure | Control Device ID No. |
|-------------|-------------------|----------------|-------------------------------|-----------------|-------------|----------------------------|-------------|-----------|---------------------|-----------------------|
| EPN R43 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| EPN R44 | 60Kb | VOL | 10K-20K | | | | | | | |
| FIN R38 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| FIN R39 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| FIN R40 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| FIN R45 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| FIN R46 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| FIN R47 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| FIN R48 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| FIN R49 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| FIN R50 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| FIN R51 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| FIN R52 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| FIN R57 | 60Kb | VOL | | NONE | 0.5- | | | | | |
| FIN R58 | 60Kb | VOL | | NONE | 0.5- | | | | | |

| Unit ID No. | SOP/GOP Index No. | Product Stored | Storage Capacity ⁴ | WW Tank Control | Maximum TVP | Storage Vessel Description | AMEL ID No. | Guidepole | Reid Vapor Pressure | Control Device ID No. |
|-------------|-------------------|----------------|-------------------------------|-----------------|-------------|----------------------------|-------------|-----------|---------------------|-----------------------|
| FIN R61 | 60Kb | VOL | 10K- | | | | | | | |
| FIN R62 | 60Kb | VOL | 10K- | | | | | | | |
| FIN R63 | 60Kb | VOL | 10K- | | | | | | | |
| FIN R64 | 60Kb | VOL | 10K- | | | | | | | |
| FIN R65 | 60Kb | VOL | 10K- | | | | | | | |
| FIN R66 | 60Kb | VOL | 10K- | | | | | | | |
| FIN R67 | 60Kb | VOL | 10K- | | | | | | | |

⁴ For tanks with unknown storage capacities, the vapor pressure is relied upon for negative applicability irrespective of capacity.

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

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/31/2024 | 01543 | RN100225036 |

| Unit ID No. | SOP/GOP Index No. | Alternate Control Requirement | ACR ID No. | Product Stored | Storage Capacity ⁵ | Throughput | Potential to Emit | Uncontrolled Emissions |
|-------------|-------------------|-------------------------------|------------|----------------|-------------------------------|------------|-------------------|------------------------|
| FIN T1 | R5112 | NO | | VOC1 | A40K ⁺⁶ | | | |
| FIN T19 | R5112 | NO | | VOC1 | A40K ⁺⁶ | | | |
| FIN T20 | R5112 | NO | | VOC1 | A40K ⁺⁶ | | | |
| FIN T32 | R5112 | NO | | VOC1 | A40K ⁺⁶ | | | |
| FIN T33 | R5112 | NO | | VOC1 | A40K ⁺⁶ | | | |
| FIN R38 | R5112 | NO | | VOC1 | A1K ⁻⁷ | | | |
| FIN R39 | R5112 | NO | | VOC1 | A1K ⁻⁷ | | | |
| FIN R40 | R5112 | NO | | VOC1 | A1K ⁻⁷ | | | |
| FIN R43 | R5112 | NO | | VOC1 | | | | |
| FIN R44 | R5112 | NO | | VOC1 | A1K-25K | | | |
| FIN R45 | R5112 | NO | | VOC1 | | | | |
| FIN R46 | R5112 | NO | | VOC1 | | | | |
| FIN R47 | R5112 | NO | | VOC1 | | | | |
| FIN R48 | R5112 | NO | | VOC1 | | | | |
| FIN R49 | R5112 | NO | | VOC1 | | | | |
| FIN R50 | R5112 | NO | | VOC1 | | | | |

| Unit ID No. | SOP/GOP Index No. | Alternate Control Requirement | ACR ID No. | Product Stored | Storage Capacity ⁵ | Throughput | Potential to Emit | Uncontrolled Emissions |
|-------------|-------------------|-------------------------------|------------|----------------|-------------------------------|------------|-------------------|------------------------|
| FIN R52 | R5112 | NO | | VOC1 | | | | |
| FIN R57 | R5112 | NO | | VOC1 | | | | |
| FIN R58 | R5112 | NO | | VOC1 | | | | |
| FIN R61 | R5112 | NO | | VOC1 | A1K-25K | | | |
| FIN R62 | R5112 | NO | | VOC1 | A1K-25K | | | |
| FIN R63 | R5112 | NO | | VOC1 | A1K-25K | | | |
| FIN R64 | R5112 | NO | | VOC1 | A1K-25K | | | |
| FIN R65 | R5112 | NO | | VOC1 | A1K-25K | | | |
| FIN R66 | R5112 | NO | | VOC1 | A1K-25K | | | |
| FIN R67 | R5112 | NO | | VOC1 | A1K- | | | |

⁵ Exact storage capacities of all tanks in Table 4a are not known; however, the vapor pressure is relied upon for negative applicability irrespective of capacity.

⁶ Storage capacity is based on information provided in the initial Title V application dated 2000.

⁷ Storage capacity is based on information provided in the 2009 Title V renewal application.

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

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/31/2024 | 01543 | RN100225036 |

| Unit ID No. | SOP/GOP Index No. | Construction Date | Tank Description | True Vapor Pressure | Primary Seal | Secondary Seal | Control Device Type | Control Device ID No. |
|-------------|-------------------|-------------------|------------------|---------------------|--------------|----------------|---------------------|-----------------------|
| FIN T1 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN T19 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN T20 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN T32 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN T33 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R38 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R39 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R40 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R43 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R44 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R45 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R46 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R47 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R48 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R49 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R50 | R5112 | NCE | NONE1 | 1- | | | | |

| Unit ID No. | SOP/GOP Index No. | Construction Date | Tank Description | True Vapor Pressure | Primary Seal | Secondary Seal | Control Device Type | Control Device ID No. |
|-------------|-------------------|-------------------|------------------|---------------------|--------------|----------------|---------------------|-----------------------|
| FIN R51 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R52 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R57 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R58 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R61 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R62 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R63 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R64 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R65 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R66 | R5112 | NCE | NONE1 | 1- | | | | |
| FIN R67 | R5112 | NCE | NONE1 | 1- | | | | |

OP-UA6

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 11)
Federal Operating Permit Program
Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Dc: Standards of Performance for Industrial-Commercial Steam Generating Units
Texas Commission on Environmental Quality

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/31/2024 | 01543 | RN100225036 |

| Unit ID No. | SOP Index No. | Construction/Modification Date | Maximum Design Heat Input Capacity | Applicability | Heat Input Capacity | D-Series Fuel Type | D-Series Fuel Type | D-Series Fuel Type | ACF Option SO ₂ | ACF Option PM | 30% Coal Duct Burner |
|-------------|---------------|--------------------------------|------------------------------------|---------------|---------------------|--------------------|--------------------|--------------------|----------------------------|---------------|----------------------|
| EPN A130 | 60Dc | 05+ | 10- | | | | | | | | |
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OP-UA15

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

Federal Operating Permit Program

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

Subchapter B: Vent Gas Control

Texas Commission on Environmental Quality

| Date | Permit No. | Regulated Entity No. |
|----------|------------|----------------------|
| 12/31/24 | 01543 | RN100225036 |

| Emission Point ID No. | SOP/GOP Index No. | Chapter 115 Division | Combustion Exhaust | Vent Type | Total Uncontrolled VOC Weight | Combined 24-Hour VOC Weight | VOC Concentration | VOC Concentration or Emission Rate at Maximum Operating Conditions |
|-----------------------|-------------------|----------------------|--------------------|-----------|-------------------------------|-----------------------------|-------------------|--|
| EPN R70 | R5121 | NO | NO | REGVAPPL | | 100+ | 612- | YES |
| EPN R15 | R5121 | NO | NO | REGVAPPL | | 100- | 612- | YES |
| EPN R3 | R5121 | NO | NO | REGVAPPL | | 100- | 612- | YES |
| EPN R4 | R5121 | NO | NO | REGVAPPL | | 100- | 612- | YES |
| EPN R5 | R5121 | NO | NO | REGVAPPL | | 100- | 612- | YES |
| EPN R6 | R5121 | NO | NO | REGVAPPL | | 100- | 612- | YES |
| EPN R7 | R5121 | NO | NO | REGVAPPL | | 100- | 612- | YES |
| EPN R8 | R5121 | NO | NO | REGVAPPL | | 100- | 612- | YES |
| | | | | | | | | |
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Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 40)
Federal Operating Permit Program
Table 15: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)
Subchapter A, Division 5: Emission Limits on Nonagricultural Processes
Texas Commission on Environmental Quality

| Date | Permit No. | Regulated Entity No. |
|----------|------------|----------------------|
| 12/31/24 | 01543 | RN100225036 |

| Emission Point ID No. | SOP Index No. | Effective Stack Height |
|-----------------------|---------------|------------------------|
| EPN R15 | R1151 | NO |
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OP-UA20

Texas Commission on Environmental Quality
Asphalt Operations Plant Attributes
Form OP-UA 20 (Page 3)
Federal Operating Permit Program

Table 3a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart UU: Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture

| | | |
|--|--------------------------|--|
| Date: 12/31/2024 | Permit No.: O1543 | Regulated Entity No.: RN100225036 |
| Area Name: Owens Corning Roofing and Asphalt, LLC – Houston Roofing Plant | | Customer Reference No.: CN602134488 |

| Unit ID No. | SOP Index No | Plant Type | Construction/ Modification Date | Saturators | Material Produced/ Final Product | Emissions Control | Control Device ID No. | Construction/ Modification Date |
|-------------|--------------|------------|---------------------------------------|------------|--|----------------------|-----------------------------|---------------------------------------|
| FIN P4 | 60UU | ASRP | 80+ | YES | AS | AFB | EPN R70 | C80+ ¹ |
| FIN P11 | 60UU | ASRP | 80+ | YES | MS | AFB | EPN R70 | C80+ ¹ |
| FIN P11 | 60UU | ASRP | 80+ | YES | SS | AFB | EPN R70 | C80+ ¹ |
| FIN P22 | 60UU | ASRP | 80+ | YES | MS | AFB | EPN R70 | C80+ |
| FIN P22 | 60UU | ASRP | 80+ | YES | SS | AFB | EPN R70 | C80+ |
| FIN P23 | 60UU | ASRP | 80+ | NO | | | | |
| FIN P24 | 60UU | ASRP | 80+ | NO | | | | |
| FIN P25 | 60UU | ASRP | 80+ | NO | | | | |
| FIN P26 | 60UU | ASRP | 80+ | NO | | | | |
| FIN P27 | 60UU | ASRP | 80+ | NO | | | | |
| FIN P28 | 60UU | ASRP | 80+ | NO | | | | |
| FIN P29 | 60UU | ASRP | 80+ | NO | | | | |
| FIN P30 | 60UU | ASRP | 80+ | NO | | | | |
| EPN R9 | 60UU | ASRP | 80+ ² | NO | | | | |

| Unit ID No. | SOP Index No | Plant Type | Construction/ Modification Date | Saturators | Material Produced/ Final Product | Emissions Control | Control Device ID No. | Construction/ Modification Date |
|-------------|--------------|------------|---------------------------------------|------------|--|----------------------|-----------------------------|---------------------------------------|
| EPN R10 | 60UU | ASRP | 80+ ² | NO | | | | |
| EPN R15 | 60UU | ASRP | 80+ ² | NO | | | | |
| EPN R18C | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R38 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R39 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R40 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R43 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R44 | 60UU | ASRP | 80+ | NO | | | | |
| FIN R45 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R46 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R47 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R48 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R49 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R50 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R51 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R52 | 60UU | ASRP | 80+ ² | NO | | | | |
| EPN R56 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R57 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R58 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN R61 | 60UU | ASRP | 80+ | NO | | | | |
| FIN R62 | 60UU | ASRP | 80+ | NO | | | | |
| FIN R63 | 60UU | ASRP | 80+ | NO | | | | |

| Unit ID No. | SOP Index No | Plant Type | Construction/ Modification Date | Saturators | Material Produced/ Final Product | Emissions Control | Control Device ID No. | Construction/ Modification Date |
|-------------|--------------|------------|---------------------------------------|------------|--|----------------------|-----------------------------|---------------------------------------|
| FIN R64 | 60UU | ASRP | 80+ | NO | | | | |
| FIN R65 | 60UU | ASRP | 80+ | NO | | | | |
| FIN R66 | 60UU | ASRP | 80+ | NO | | | | |
| FIN R67 | 60UU | ASRP | 80+ | NO | | | | |
| FIN D3 | 60UU | ASRP | 80+ | NO | | | | |
| FIN D4 | 60UU | ASRP | 80+ | NO | | | | |
| FIN T1 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN T19 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN T20 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN T32 | 60UU | ASRP | 80+ ² | NO | | | | |
| FIN T33 | 60UU | ASRP | 80+ ² | NO | | | | |

¹ The construction/modification date is based on information provided in the initial Title V application dated May 22, 2000.

² The specific construction/modification date is unknown. Applicability to NSPS UU based on a construction date after 1980 is assumed.

Texas Commission on Environmental Quality
Asphalt Operations Plant Attributes
Form OP-UA 20 (Page 4)
Federal Operating Permit Program

Table 3b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart UU: Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture

| | | |
|--|--------------------------|--|
| Date: 12/31/2024 | Permit No.: O1543 | Regulated Entity No.: RN100225036 |
| Area Name: Owens Corning Roofing and Asphalt, LLC – Houston Roofing Plant | | Customer Reference No.: CN602134488 |

| Unit ID No. | SOP Index No. | Blowing Still | Material Produced | Emissions Control | Control Device ID No. | Construction/Modification Date | Catalyst Added | Fuel Type | Alternative Opacity Standard | AOS ID No. |
|-------------|---------------|---------------|-------------------|-------------------|-----------------------|--------------------------------|----------------|-----------|------------------------------|------------|
| FIN P4 | 60UU | NO | | | | | | | | |
| FIN P11 | 60UU | NO | | | | | | | | |
| FIN P22 | 60UU | NO | | | | | | | | |
| FIN P23 | 60UU | NO | | | | | | | | |
| FIN P24 | 60UU | NO | | | | | | | | |
| FIN P25 | 60UU | NO | | | | | | | | |
| FIN P26 | 60UU | NO | | | | | | | | |
| FIN P27 | 60UU | NO | | | | | | | | |
| FIN P28 | 60UU | NO | | | | | | | | |
| FIN P29 | 60UU | NO | | | | | | | | |
| FIN P30 | 60UU | NO | | | | | | | | |
| EPN R9 | 60UU | NO | | | | | | | | |
| EPN R10 | 60UU | NO | | | | | | | | |
| EPN R15 | 60UU | NO | | | | | | | | |

| Unit ID No. | SOP Index No. | Blowing Still | Material Produced | Emissions Control | Control Device ID No. | Construction/Modification Date | Catalyst Added | Fuel Type | Alternative Opacity Standard | AOS ID No. |
|-------------|---------------|---------------|-------------------|-------------------|-----------------------|--------------------------------|----------------|-----------|------------------------------|------------|
| EPN R18C | 60UU | NO | | | | | | | | |
| FIN R38 | 60UU | NO | | | | | | | | |
| FIN R39 | 60UU | NO | | | | | | | | |
| FIN R40 | 60UU | NO | | | | | | | | |
| FIN R43 | 60UU | NO | | | | | | | | |
| FIN R44 | 60UU | NO | | | | | | | | |
| FIN R45 | 60UU | NO | | | | | | | | |
| FIN R46 | 60UU | NO | | | | | | | | |
| FIN R47 | 60UU | NO | | | | | | | | |
| FIN R48 | 60UU | NO | | | | | | | | |
| FIN R49 | 60UU | NO | | | | | | | | |
| FIN R50 | 60UU | NO | | | | | | | | |
| FIN R51 | 60UU | NO | | | | | | | | |
| FIN R52 | 60UU | NO | | | | | | | | |
| EPN R56 | 60UU | NO | | | | | | | | |
| FIN R57 | 60UU | NO | | | | | | | | |
| FIN R58 | 60UU | NO | | | | | | | | |
| FIN R61 | 60UU | NO | | | | | | | | |
| FIN R62 | 60UU | NO | | | | | | | | |
| FIN R63 | 60UU | NO | | | | | | | | |
| FIN R64 | 60UU | NO | | | | | | | | |
| FIN R65 | 60UU | NO | | | | | | | | |

| Unit ID No. | SOP Index No. | Blowing Still | Material Produced | Emissions Control | Control Device ID No. | Construction/ Modification Date | Catalyst Added | Fuel Type | Alternative Opacity Standard | AOS ID No. |
|-------------|---------------|---------------|-------------------|-------------------|-----------------------|---------------------------------|----------------|-----------|------------------------------|------------|
| FIN R66 | 60UU | NO | | | | | | | | |
| FIN R67 | 60UU | NO | | | | | | | | |
| FIN D3 | 60UU | NO | | | | | | | | |
| FIN D4 | 60UU | NO | | | | | | | | |
| FIN T1 | 60UU | NO | | | | | | | | |
| FIN T19 | 60UU | NO | | | | | | | | |
| FIN T20 | 60UU | NO | | | | | | | | |
| FIN T32 | 60UU | NO | | | | | | | | |
| FIN T33 | 60UU | NO | | | | | | | | |

Texas Commission on Environmental Quality
Asphalt Operations Plant Attributes
Form OP-UA 20 (Page 5)
Federal Operating Permit Program

Table 3c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart UU: Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture

| | | |
|--|--------------------------|--|
| Date: 12/31/2024 | Permit No.: O1543 | Regulated Entity No.: RN100225036 |
| Area Name: Owens Corning Roofing and Asphalt, LLC – Houston Roofing Plant | | Customer Reference No.: CN602134488 |

| Unit ID No. | SOP Index No. | Storage Tanks | Material Stored | Emissions Control | Control Device ID No. | Construction/Modification Date | Mineral Handling/Storage | Emissions Control | Control Device ID No. |
|-------------|---------------|---------------|-----------------|-------------------|-----------------------|--------------------------------|--------------------------|-------------------|-----------------------|
| FIN P4 | 60UU | NO | | | | | NO | | |
| FIN P11 | 60UU | NO | | | | | NO | | |
| FIN P22 | 60UU | NO | | | | | NO | | |
| FIN P23 | 60UU | NO | | | | | NO | | |
| FIN P24 | 60UU | NO | | | | | NO | | |
| FIN P25 | 60UU | NO | | | | | NO | | |
| FIN P26 | 60UU | NO | | | | | NO | | |
| FIN P27 | 60UU | NO | | | | | NO | | |
| FIN P28 | 60UU | NO | | | | | NO | | |
| FIN P29 | 60UU | NO | | | | | NO | | |
| FIN P30 | 60UU | NO | | | | | NO | | |
| EPN R9 | 60UU | NO | | | | | YES | OTHER | EPN R9 |
| EPN R10 | 60UU | NO | | | | | NO | | |
| EPN R15 | 60UU | NO | | | | | NO | | |

| Unit ID No. | SOP Index No. | Storage Tanks | Material Stored | Emissions Control | Control Device ID No. | Construction/Modification Date | Mineral Handling/Storage | Emissions Control | Control Device ID No. |
|-------------|---------------|---------------|-----------------|-------------------|-----------------------|--------------------------------|--------------------------|-------------------|-----------------------|
| EPN R18C | 60UU | NO | | | | | YES | NA | |
| FIN R38 | 60UU | YES | OTHER | NA | | | NO | | |
| FIN R39 | 60UU | YES | OTHER | NA | | | NO | | |
| FIN R40 | 60UU | YES | OTHER | NA | | | NO | | |
| FIN R43 | 60UU | YES | OTHER | NA | | | NO | | |
| FIN R44 | 60UU | YES | OTHER | NA | | | NO | | |
| FIN R45 | 60UU | YES | OTHER | AFB | EPN R70 | 81+ | NO | | |
| FIN R46 | 60UU | YES | OTHER | AFB | EPN R70 | 81+ | NO | | |
| FIN R47 | 60UU | YES | OTHER | AFB | EPN R70 | 81+ | NO | | |
| FIN R48 | 60UU | YES | OTHER | AFB | EPN R70 | 81+ | NO | | |
| FIN R49 | 60UU | YES | OTHER | AFB | EPN R70 | 81+ | NO | | |
| FIN R50 | 60UU | YES | OTHER | AFB | EPN R70 | 81+ | NO | | |
| FIN R51 | 60UU | YES | OTHER | AFB | EPN R70 | 81+ | NO | | |
| FIN R52 | 60UU | YES | OTHER | AFB | EPN R70 | 81+ | NO | | |
| EPN R56 | 60UU | NO | | | | | NO | | |
| FIN R57 | 60UU | YES | OTHER | NA | | | NO | | |
| FIN R58 | 60UU | YES | OTHER | AFB | EPN R70 | 81+ | NO | | |
| FIN R61 | 60UU | NO | | | | | NO | | |
| FIN R62 | 60UU | NO | | | | | NO | | |
| FIN R63 | 60UU | NO | | | | | NO | | |
| FIN R64 | 60UU | NO | | | | | NO | | |
| FIN R65 | 60UU | NO | | | | | NO | | |

| Unit ID No. | SOP Index No. | Storage Tanks | Material Stored | Emissions Control | Control Device ID No. | Construction/Modification Date | Mineral Handling/Storage | Emissions Control | Control Device ID No. |
|-------------|---------------|---------------|-----------------|-------------------|-----------------------|--------------------------------|--------------------------|-------------------|-----------------------|
| FIN R66 | 60UU | NO | | | | | NO | | |
| FIN R67 | 60UU | NO | | | | | NO | | |
| FIN D3 | 60UU | NO | | | | | NO | | |
| FIN D4 | 60UU | NO | | | | | NO | | |
| FIN T1 | 60UU | YES | OTHER | OTHER | EPN A44 | 81+ | NO | | |
| FIN T19 | 60UU | YES | OTHER | OTHER | EPN A44 | 81+ | NO | | |
| FIN T20 | 60UU | YES | OTHER | OTHER | EPN A44 | 81+ | NO | | |
| FIN T32 | 60UU | YES | OTHER | OTHER | EPN A44 | 81+ | NO | | |
| FIN T33 | 60UU | YES | OTHER | OTHER | EPN A44 | 81+ | NO | | |

OP-MON

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

| | | |
|--|-------------------|---------------|
| I. Identifying Information | | |
| Account No.: HG-0750-M | RN No.: 100225036 | CN: 601173016 |
| Permit No.: O1543 | Project No.: | |
| Area Name: Houston Roofing Plant | | |
| Company Name: Owens Corning Roofing and Asphalt, LLC | | |
| II. Unit/Emission Point/Group/Process Information | | |
| Revision No.: | | |
| Unit/EPN/Group/Process ID No.: EPN R70 | | |
| Applicable Form: OP-UA20 | | |
| III. Applicable Regulatory Requirement | | |
| Name: 30 TAC Chapter 116 | | |
| SOP/GOP Index No.: O1543 | | |
| Pollutant: VOC | | |
| Main Standard: NSR-21768 | | |
| IV. Title V Monitoring Information | | |
| Monitoring Type: CAM | | |
| Unit Size: SM | | |
| CAM/PM Option No.: CAM-TI-002 | | |
| Deviation Limit: Minimum Temperature = 1500°F | | |
| CAM/PM Option No.: | | |
| Deviation Limit: | | |
| V. Control Device Information | | |
| Control Device ID No.: EPN R70 | | |
| Control Device Type: DIRFLM | | |

OP-PBRSUP

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

| Date | Permit Number | Regulated Entity Number |
|------------|---------------|-------------------------|
| 12/31/2024 | O1543 | RN100225036 |

| Unit ID No. | Registration No. | PBR No. | Registration Date |
|-------------|------------------|---------|-------------------|
| EPN R16 | 165105 | 106.261 | 5/28/2021 |
| | | | |
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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 |
|------------|---------------|-------------------------|
| 12/31/2024 | O1543 | RN100225036 |

| Unit ID No. | PBR No. | Version No./Date |
|--------------------------|---------|------------------|
| Tank Heaters | 106.183 | 09/04/2000 |
| Tank Cleaning Operations | 106.263 | 11/01/2001 |
| Cooling Towers | 106.371 | 09/04/2000 |
| Drum Filling Station | 106.473 | 09/04/2000 |
| Oil Water Separators | 106.532 | 09/04/2000 |
| | | |
| | | |
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| | | |

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

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

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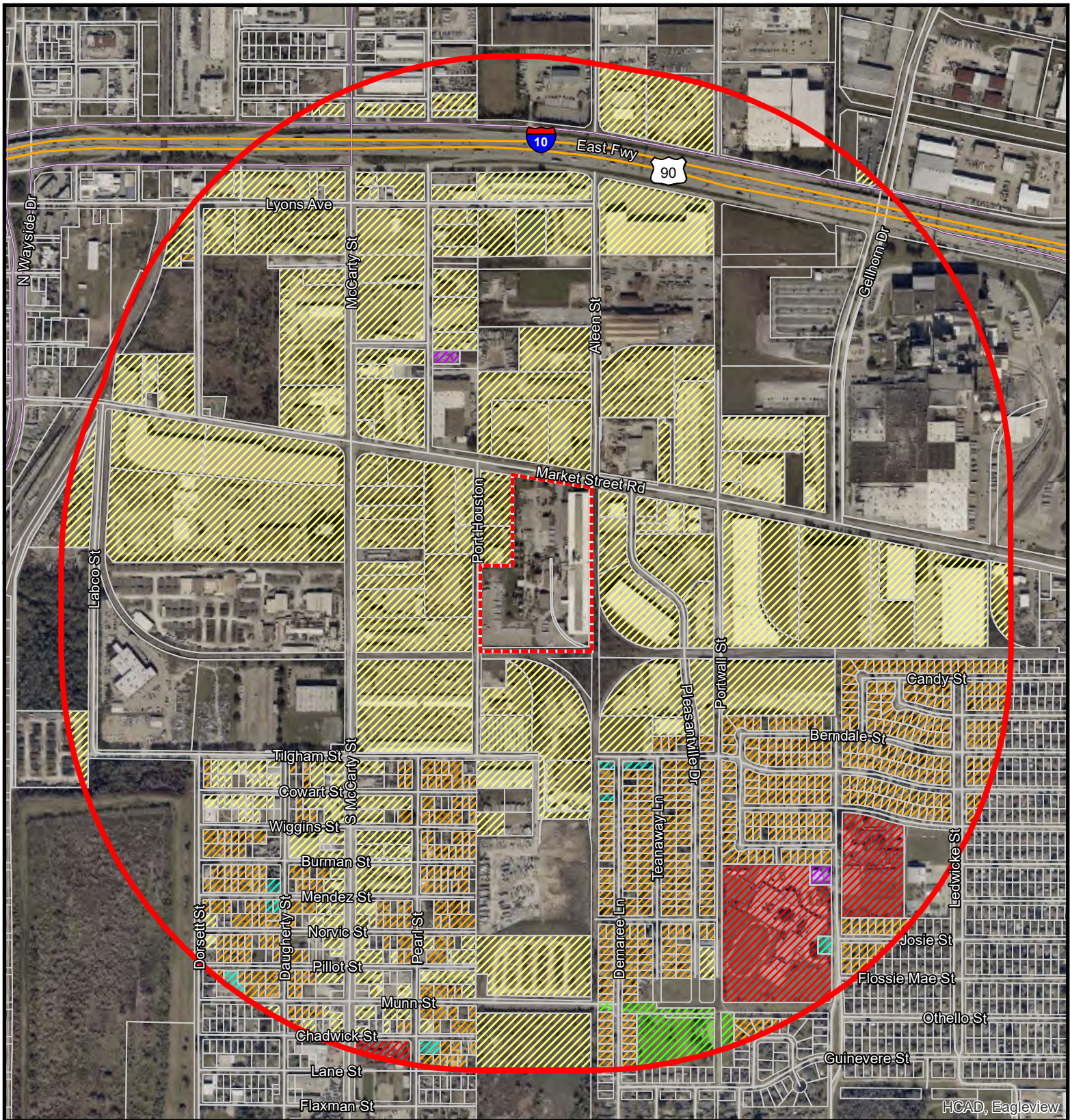
Permit By Rule Supplemental Table (Page 4)
Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality

| Date | Permit Number | Regulated Entity Number |
|------------|---------------|-------------------------|
| 12/31/2024 | O1543 | RN100225036 |

| Unit ID No. | PBR No. | Version No./Date Or Registration No. | Monitoring Requirement |
|--------------------------|---------|--------------------------------------|---|
| Tank Cleaning Operations | 106.263 | 11/01/2001 | <p>30 TAC §106.263(g): Records must identify the following for all maintenance, start-up, or shutdown activities and temporary maintenance facilities:</p> <ul style="list-style-type: none"> (1) the type and reason for the activity or facility construction; (2) the processes and equipment involved; (3) the date, time, and duration of the activity or facility operation; and (4) the air contaminants and amounts which are emitted as a result of the activity or facility operation. |
| Drum Filling Station | 106.473 | 09/04/2000 | <p>30 TAC §106.473: Organic liquids loading or unloading equipment for railcars, tank trucks, or drums; and storage containers, tanks, or change of service of the material loaded, unloaded, or stored is permitted by rule, provided that all of the following conditions of this section are met:</p> <ul style="list-style-type: none"> (1) Uncontrolled emissions calculated using the version of AP-42 in effect at the time are less than 25 tons per year of organic compounds or of any other air contaminant. (2) The loading rate of the facilities does not exceed 20,000 gallons per day averaged over any consecutive 30-day period. (3) The capacity of any tank does not exceed 25,000 gallons (4) The facilities are used exclusively for the loading, unloading, or storage of: <ul style="list-style-type: none"> a. petroleum, petroleum fuels, other motor vehicle fuels, and natural gas liquids, none of which have a true vapor pressure of 11.0 pounds per square inch, absolute, or greater at maximum temperature of use; (5) The facilities will meet any applicable requirements of Chapter 115 of this title (relating to Control of Air Pollution from Volatile Organic Compounds); |

Appendix A

Area Map



- | | |
|---|--|
| 3,000-foot Buffer | Government |
| Property Boundary | Park |
| Church | Residential |
| Commercial | School |

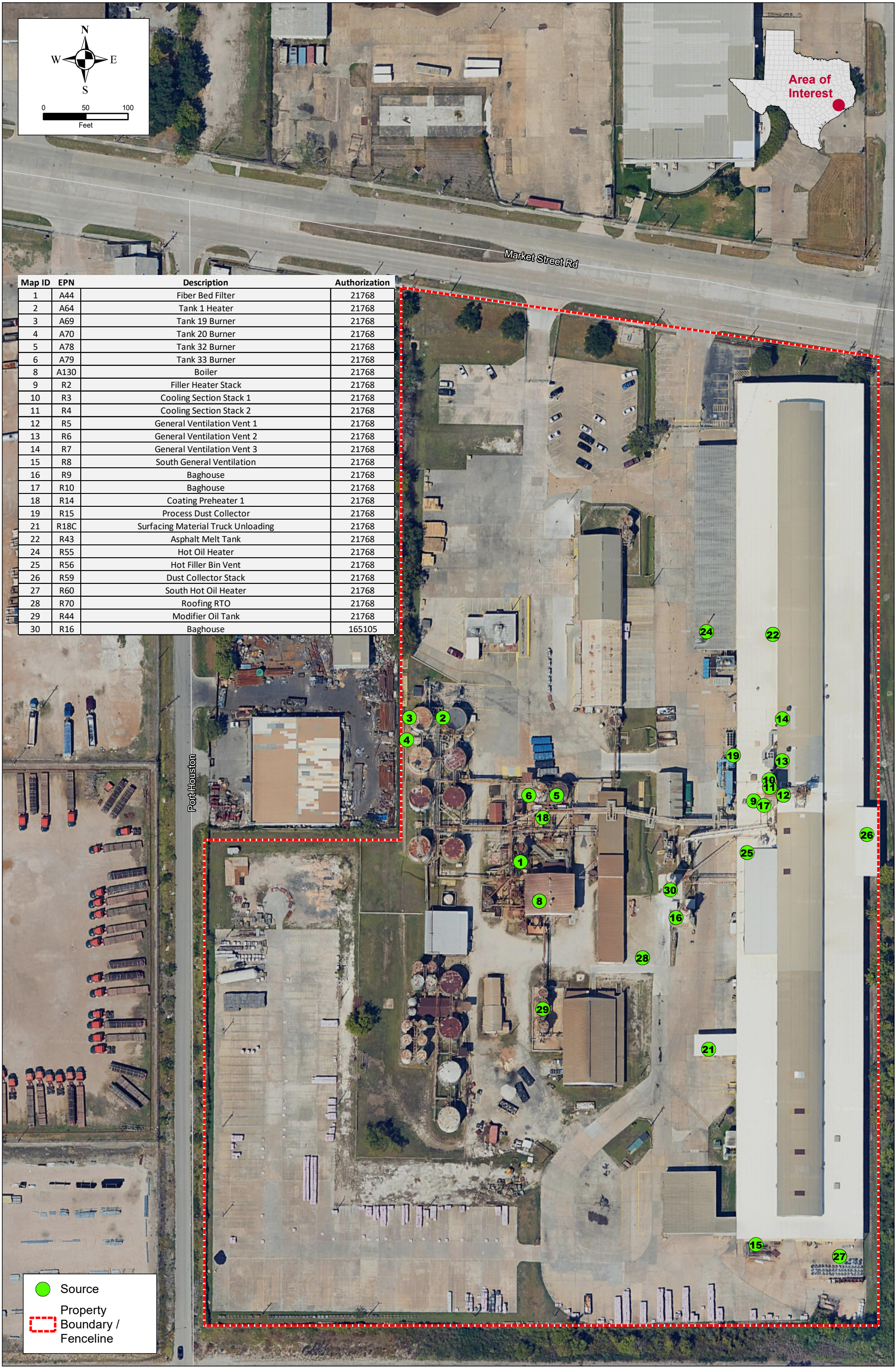
1,000

Feet

HCAD, Eagleview

Appendix B

Plot Plan



| Map ID | EPN | Description | Authorization |
|--------|------|------------------------------------|---------------|
| 1 | A44 | Fiber Bed Filter | 21768 |
| 2 | A64 | Tank 1 Heater | 21768 |
| 3 | A69 | Tank 19 Burner | 21768 |
| 4 | A70 | Tank 20 Burner | 21768 |
| 5 | A78 | Tank 32 Burner | 21768 |
| 6 | A79 | Tank 33 Burner | 21768 |
| 8 | A130 | Boiler | 21768 |
| 9 | R2 | Filler Heater Stack | 21768 |
| 10 | R3 | Cooling Section Stack 1 | 21768 |
| 11 | R4 | Cooling Section Stack 2 | 21768 |
| 12 | R5 | General Ventilation Vent 1 | 21768 |
| 13 | R6 | General Ventilation Vent 2 | 21768 |
| 14 | R7 | General Ventilation Vent 3 | 21768 |
| 15 | R8 | South General Ventilation | 21768 |
| 16 | R9 | Baghouse | 21768 |
| 17 | R10 | Baghouse | 21768 |
| 18 | R14 | Coating Preheater 1 | 21768 |
| 19 | R15 | Process Dust Collector | 21768 |
| 21 | R18C | Surfacing Material Truck Unloading | 21768 |
| 22 | R43 | Asphalt Melt Tank | 21768 |
| 24 | R55 | Hot Oil Heater | 21768 |
| 25 | R56 | Hot Filler Bin Vent | 21768 |
| 26 | R59 | Dust Collector Stack | 21768 |
| 27 | R60 | South Hot Oil Heater | 21768 |
| 28 | R70 | Roofing RTO | 21768 |
| 29 | R44 | Modifier Oil Tank | 21768 |
| 30 | R16 | Baghouse | 165105 |

| | | | | | | | | | | | | | |
|----|------|----------|----|-----|-------|--------------------|---|--------------------------|--|--|--|----------------------------|----------|
| | | | | | | DESIGNED BY JPP |  | SHEET TITLE PLOT PLAN | | JOB NAME TITLE V RENEWAL OWENS CORNING HOUSTON PLANT HARRIS COUNTY, TEXAS | | PROJECT NO. 2801-23-031 | REV. NO. |
| | | | | | | CHECKED BY LMB | | | | | | DATE 12/20/2024 | |
| | | | | | | APPR. BY JPP | | | | | | SCALE SHOWN | DWG. NO. |
| NO | DATE | REVISION | BY | CK. | APPR. | DRAWN BY ALB | | | | | | | |

Appendix C

Process Description

PROCESS DESCRIPTION

Owens Corning Roofing and Asphalt, LLC – Houston, TX operates a roofing plant located at 8360 Market Street, Houston, TX (Owens Corning Houston).

Asphalt Storage and Handling

Various asphalt products for use in production of roofing products are shipped to Owens Corning Houston by truck. Liquid raw materials are unloaded from trucks into tanks directly. The asphalt is kept hot in tanks through insulated tanks, gas burners firing into serpentine firetubes in the tank bottom, direct-fired process heaters, and/or steam coils. Emission Point Numbers for all tank burners are indicated on the attached Process Flow Diagram. Fumes from asphalt unloading and storage tanks are routed through a fiber bed filter (EPN A44). The facility will utilize the following tanks to support roofing production, T32 and T33 will contain Coating Asphalt and T1, T19, and T20 will contain Flux/Paving.

Steam heating mentioned above will come through use of a 5.15 MMBtu/hr Boiler (EPN A130). BD Oil at the facility will be collected and shipped off-site.

Roofing Raw Material Storage and Handling

The roofing plant receives solid raw materials via truck and rail. This includes filler, granules, surfacing material, and backdust which are stored in silos and transferred to bins before being conveyed to the process. Dust collectors control particulate emissions from the silos and bins.

Filler material is received via truck and loaded into one of the two Filler Storage Silos (FIN P9/P20). Emissions from the silos are routed to dust collectors prior to being discharged to the atmosphere (EPN R9/R16).

Backdust is received via truck (EPN R11A) and loaded into Backdust Storage. Emissions from Backdust Storage are routed to the Process Dust Collector (EPN R15) for control.

Surfacing material and granules are received via truck (EPN R18C), unloaded, and transferred to Surfacing Material/Granule Minibins. Emissions from these minibins are released inside the roofing building.

From the Filler Storage Silo, material is loaded into the Filler Upper Surge Hopper. Emissions from the Filler Upper Surge Hopper are routed to a dust collector prior to being discharged to the atmosphere (EPN R10). For shingle production, filler material from the Filler Upper Surge Hopper is heated in the Filler Heater, which is natural gas-fired and rated at 2.8 MMBtu/hr (EPN R2). The heated filler material is then transferred to the Filler Lower Surge Hopper for shingle production; emissions from the Filler Lower Surge Hopper are routed to the Process Dust Collector (EPN R15). Filler material is transferred from the Filler Upper Surge Hopper to the Filler Bin for underlayment production; emissions from the Filler Bin are routed to the Bin Vent (EPN R56).

Asphalt Coating of Roofing Products

The continuous asphalt roofing manufacturing process begins with a roll of base material (fiberglass mat) placed on a reel and unwound onto a dry looper. The looper acts as a reservoir of base material and allows for continuous operation of the process and prevents a shutdown when a new roll of base material is added. The mat is passed through an infrared heater for additional drying prior to further production. Emissions from the infrared heater are captured and vent to the Process Dust Collector (EPN R15). The roofing plant can produce two types of products: shingles and underlayment. These products are not produced simultaneously.

Shingle Production

Coating asphalt from tanks, T32 and T33, may be heated in the Roofing Asphalt Preheater prior to mixing with filler. This preheater is fired by natural gas and is rated at 5.0 MMBtu/hr (EPN R14). The coating asphalt is mixed with filler from the Filler Lower Surge Hopper in the Asphalt Filler Mixer. The asphalt/filler mixture is then sent to the Coater Surge Tank prior to being applied to the mat. Asphalt from the Coater Surge Tank is further heated by circulating through the Stratco, which is heated by process hot oil, and returned to the Coater Surge Tank. The Roofing Hot Oil Heater (EPN R55) is utilized to provide process heating. This heater is natural gas-fired and rated at 4.5 MMBtu/hr.

In the coating process, mat is coated with asphalt/filler mixture from the Coater Surge Tank. Emissions from the Coater and Coater Surge Tank are routed to the Fiber Bed Filter (EPN R1). From the Coater, the coated mat is routed to the Material Surfacing Area. In the Material Surfacing Area, backdust and surfacing material are applied to the hot mat. The majority of emissions from the Material Surfacing Area are captured and vent to the Process Dust Collector (EPN R15).

From the Material Surfacing Area, the coated mat is transferred to the Cooling Section to reduce the material temperature. Emissions from the Cooling Section are routed to the atmosphere via two stacks (EPN R4 and R5). From the Cooling Section, the coated and cooled shingle production is transferred to a laminator where sealant and laminate adhesive are applied. Sealant and Adhesive are stored and mixed in the Adhesive and Sealant System prior to being sent to the Laminator for use in laminated shingle production. The Adhesive System consists of an Adhesive Melt Tank (EPN R-43), possible use of an Adhesive Melt Tank (Mini-Melter), an Adhesive Use Tank, and an Adhesive Applicator. The Sealant System consists of a Sealant Melt Tank, a Sealant Use Tank, and a Sealant Applicator.

Underlayment Production

Paving asphalt/flux from Tank #1, #19, and #20 is transferred to a Wetting Tank where it is combined with polymer or transferred directly to the Mix Tank, as needed. Filler from the Filler Bin is routed to a Horizontal Mixer where it is mixed to desired properties before it is transferred to the Filled Coating Surge Tank. From the Filled Coating Surge Tank, material is fed into any of four heated process tanks (Core Batch #1, Core Batch #2, Sticky Batch #1, and Sticky Batch #2) to feed the underlayment coaters. These four tanks along with the Mix Tank, Swing Tank, Wetting Tank, Horizontal Mixer, and Filled Coating Surge Tank are interconnected to allow recirculation of material as needed to obtain required specifications for the product. Emissions from the Horizontal Mixer, Filled Coating Surge Tank, Mix Tank, Swing Tank, Core Batch #1, Core Batch #2, Stick Batch #1, and Sticky Batch #2 are routed to the Fiber Bed Filter (EPN R1).

In the coating process, fiberglass mat is coated with the mixture of asphalt, filler, and polymer from one of, either, or both the core and the sticky batch via the Core Coater and Sticky Coater. These coaters vent to the

Fiber Bed Filter (EPN R1). Coated mat is then fed through one or all of the following Talc Application, Granule Application, and/or Poly Film Application. Before Poly Film Application, the coated mat is cooled.

Underlayment Production South

From the Filler Storage Silo, material is loaded into the Filler Bin with a dust collector that vents indoors (EPN R8). From the Filler Bin, the filler material is transferred to a Dense Phase bin. The filler material is then transferred to batch tanks which are heated by the South Hot Oil Heater (EPN R60). Polymer, fire retardant material, antioxidant, and tackifier are unloaded from super sacks to hoppers with bin vents that vent indoors (EPN R8). Hydrolene oil is received by tank truck and stored in a tank (EPN R44).

Paving asphalt/flux from Tank #1, #19, and #20 is transferred to a Wet Mixing Tank where it is combined with polymer or sent directly to the Mixing Tank as needed. Asphalt polymer mixture is routed to Mixing Tank where it is mixed to desired properties before it is transferred to the Let Down Tank. From the Let Down Tank, material is fed into any of four heated process tanks (Batch Tanks 1-4) and mixed with filler from the filler bin as well as other additives to create the desired mixture to feed the underlayment coating process. Emissions from these tanks are routed to the Roofing RTO (EPN R70).

In the coating process, the asphalt mixture is applied to a web. Depending on product type, either coater can be bypassed, or both can be used. These coating processes vent to the Roofing RTO (EPN R70).

Final Product Preparation and Packaging

When producing shingles, the finished product comes from the Laminator, then is cut to specification, and packaged. The packaged shingles are shrink wrapped, labeled with an ink jet printer, and stored or shipped off-site.

When producing either underlayment, the coated and cooled material is cut to specification, labeled with a printer, and packaged. The packaged underlayment rolls are shrink wrapped, boxed, labeled with an ink jet printer, and stored or shipped off-site.

Three general building ventilation stacks (EPN R5, R6, and R7) exhaust to the atmosphere from uncollected sources within the roofing area. Emissions from roofing plant sources released the building are vented through these stacks. Uncollected sources associated with underlayment production South are instead accumulated and vented through a single general ventilation stack (EPN R8).

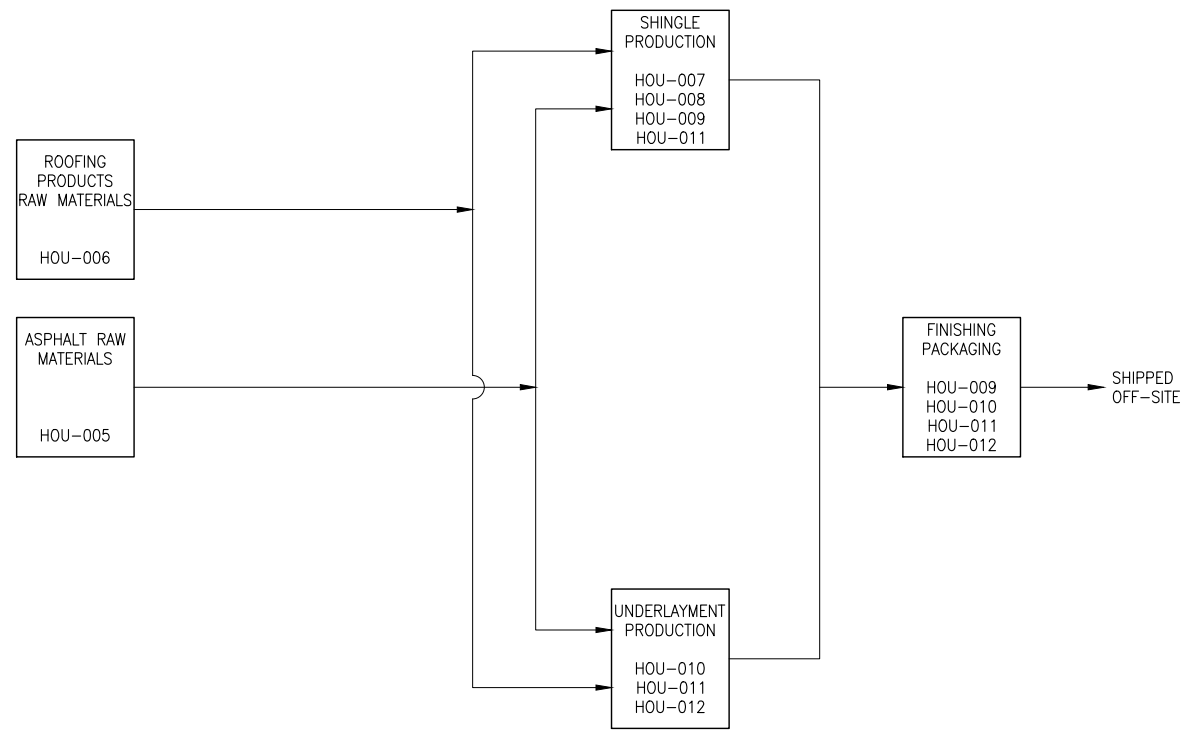
Miscellaneous Emission Units

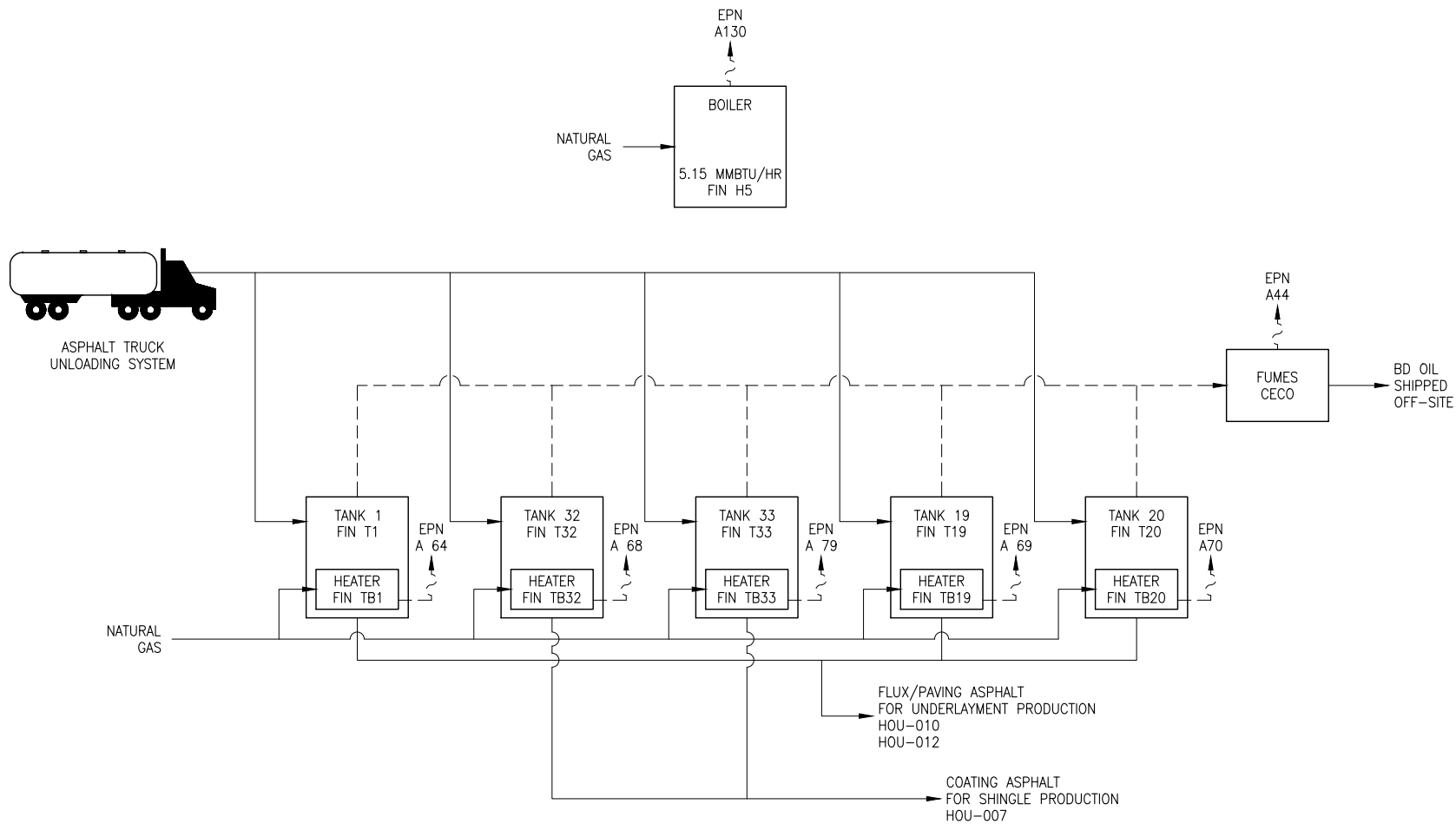
Flame arresters for tank burners acquire buildup from the fumes passing through them. As part of regular maintenance, the flame arresters are cleaned in the Bake Off Oven which vents to the general building ventilation (EPN R5, R6, R7). There are additional activities that qualify as de minimis facilities or sources in accordance with TCEQ guidance dated December 2015.

Appendix D

Process Flow Diagram

OPERATIONAL OVERVIEW





DESIGNED BY JPP
CHECKED BY JPP
APPR. BY JPP
DRAWN BY IT



SHEET TITLE

PROCESS FLOW DIAGRAM

JOB NAME

HOU-005

OWENS CORNING
HOUSTON, TEXAS

PROJECT NO.

2801-23-031

DATE

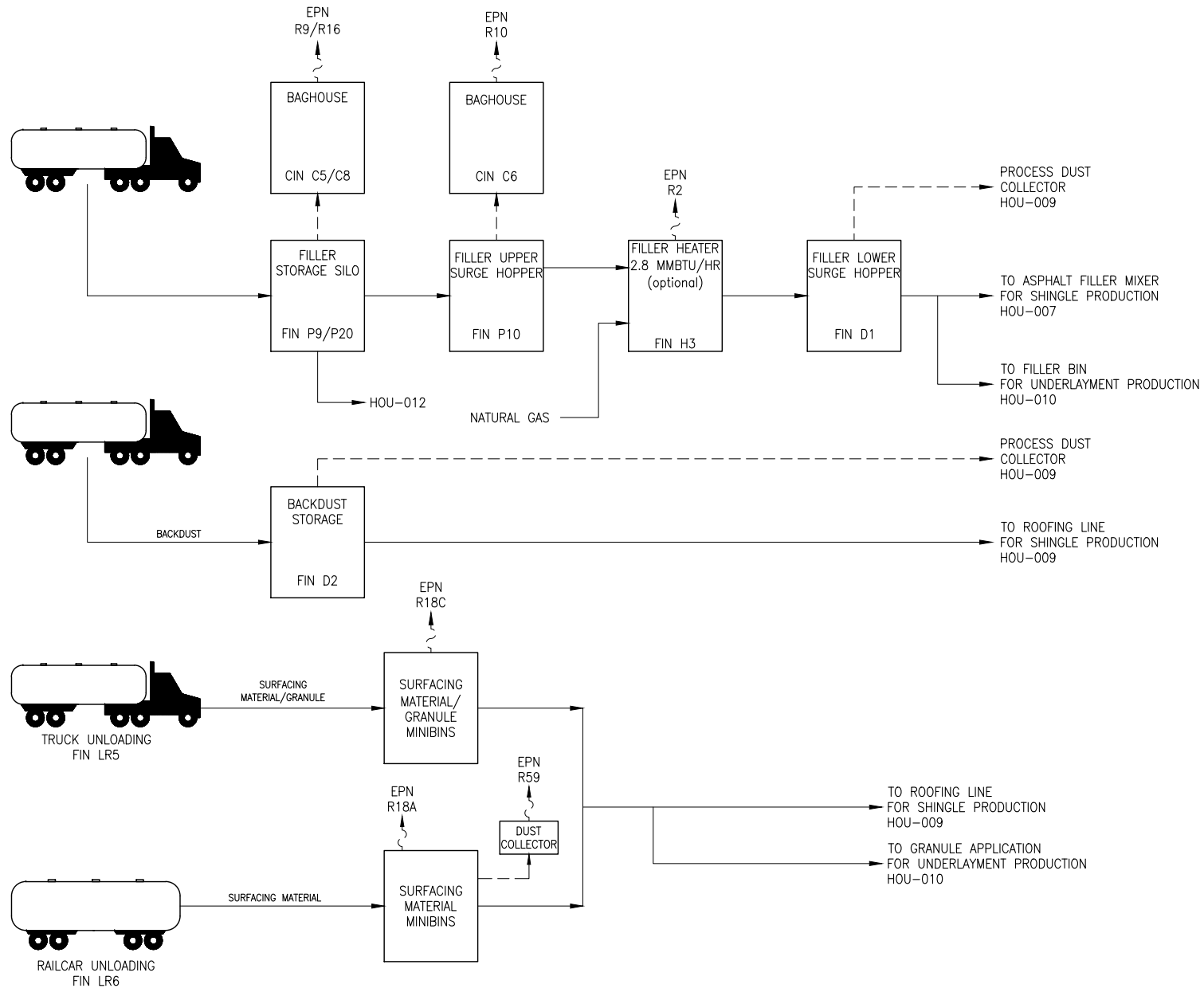
11/25/2024

SCALE

REV. NO.

DWG. NO.

S5



DESIGNED BY JPP
 CHECKED BY JPP
 APPR. BY JPP
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SHEET TITLE

PROCESS FLOW DIAGRAM

JOB NAME

HOU-006

OWENS CORNING
HOUSTON, TEXAS

PROJECT NO.

2801-23-031

DATE

11/25/2024

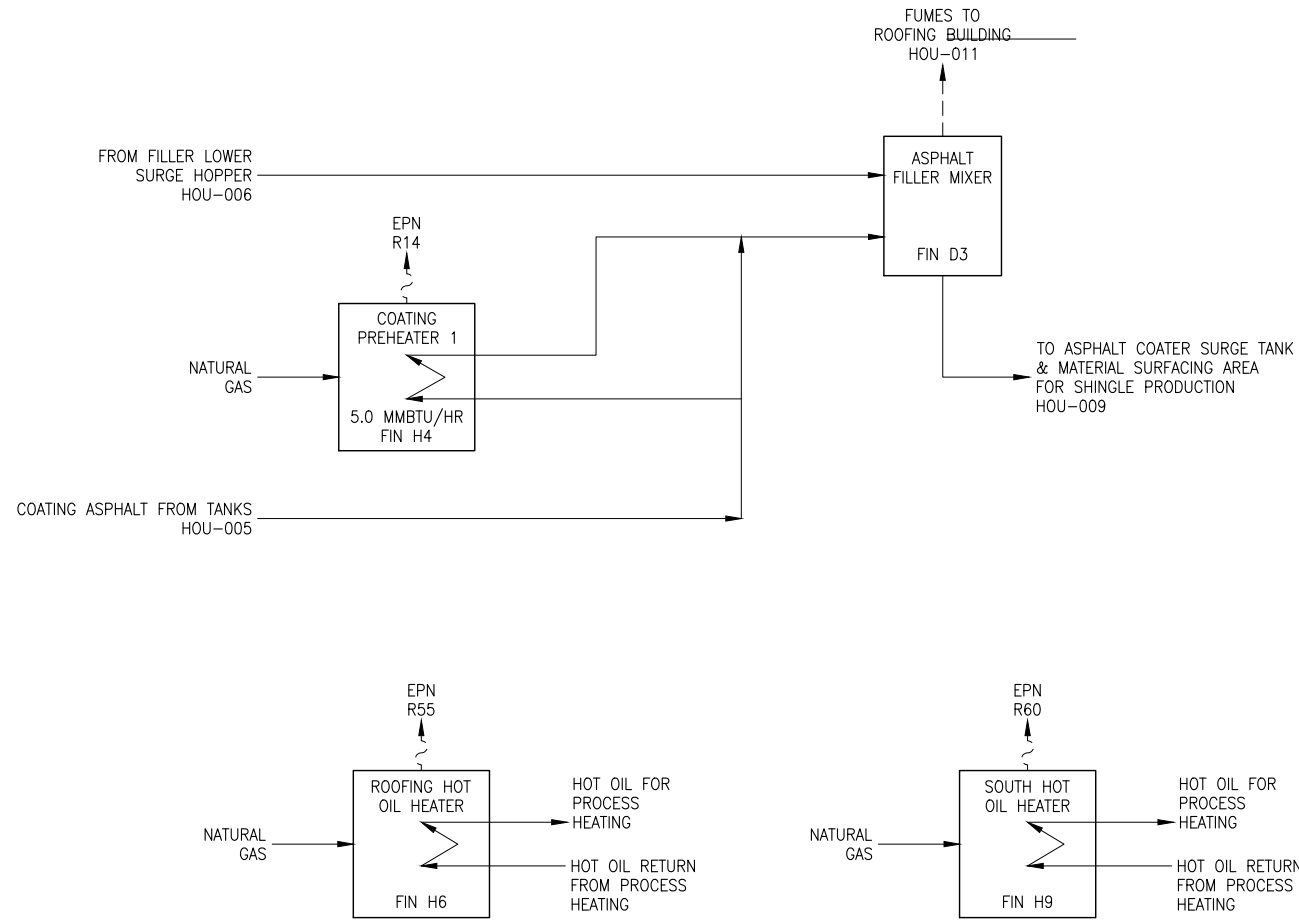
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DWG. NO.

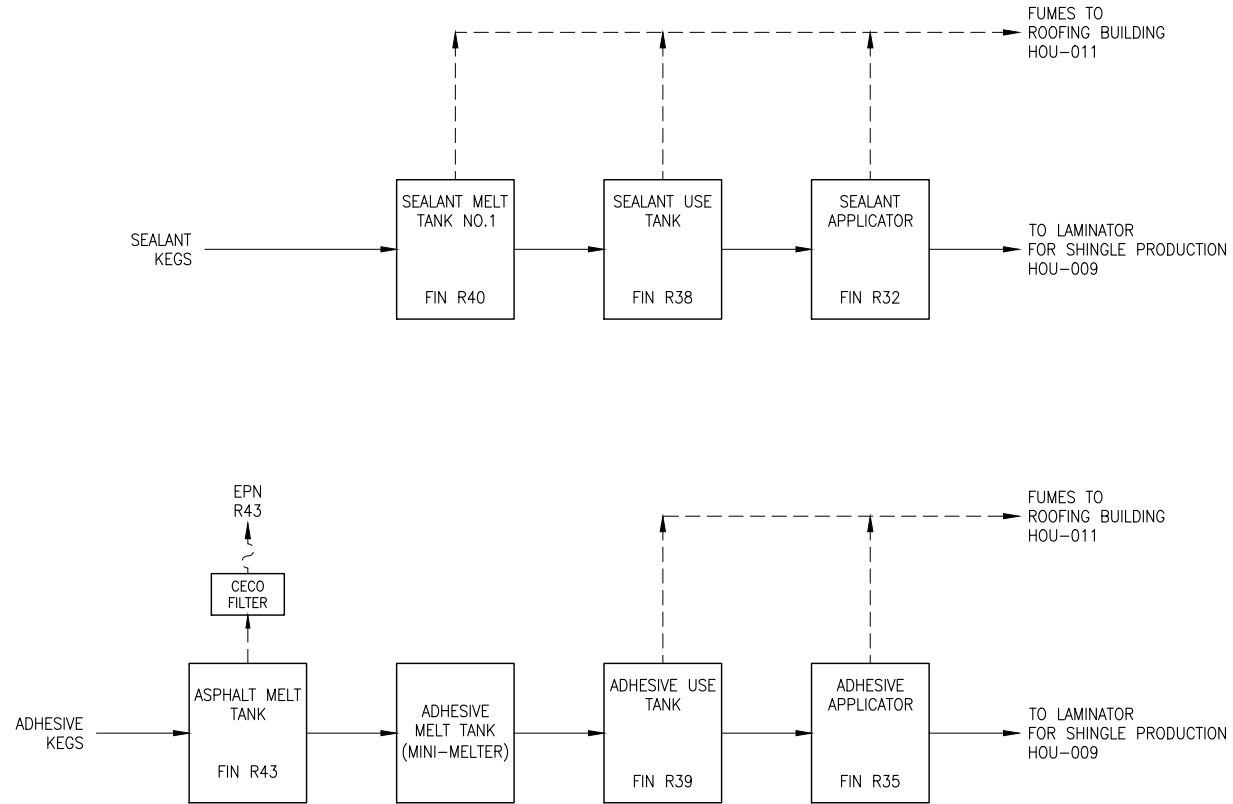
S6

SHINGLE PRODUCTION



| | | | | | |
|-----------------|--|--|--|----------------------------|----------|
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| CHECKED BY JPP | | | | DATE 11/25/2024 | DWG. NO. |
| APPR. BY JPP | | | | SCALE --- | S7 |
| DRAWN BY IT | | | | | |

SHINGLE PRODUCTION



| | |
|-------------|-----|
| DESIGNED BY | JPP |
| CHECKED BY | JPP |
| APPR. BY | JPP |
| DRAWN BY | IT |



SHEET TITLE

PROCESS
FLOW DIAGRAM

JOB NAME

HOU-008

OWENS CORNING
HOUSTON, TEXAS

PROJECT NO.

2801-23-031

DATE

11/25/2024

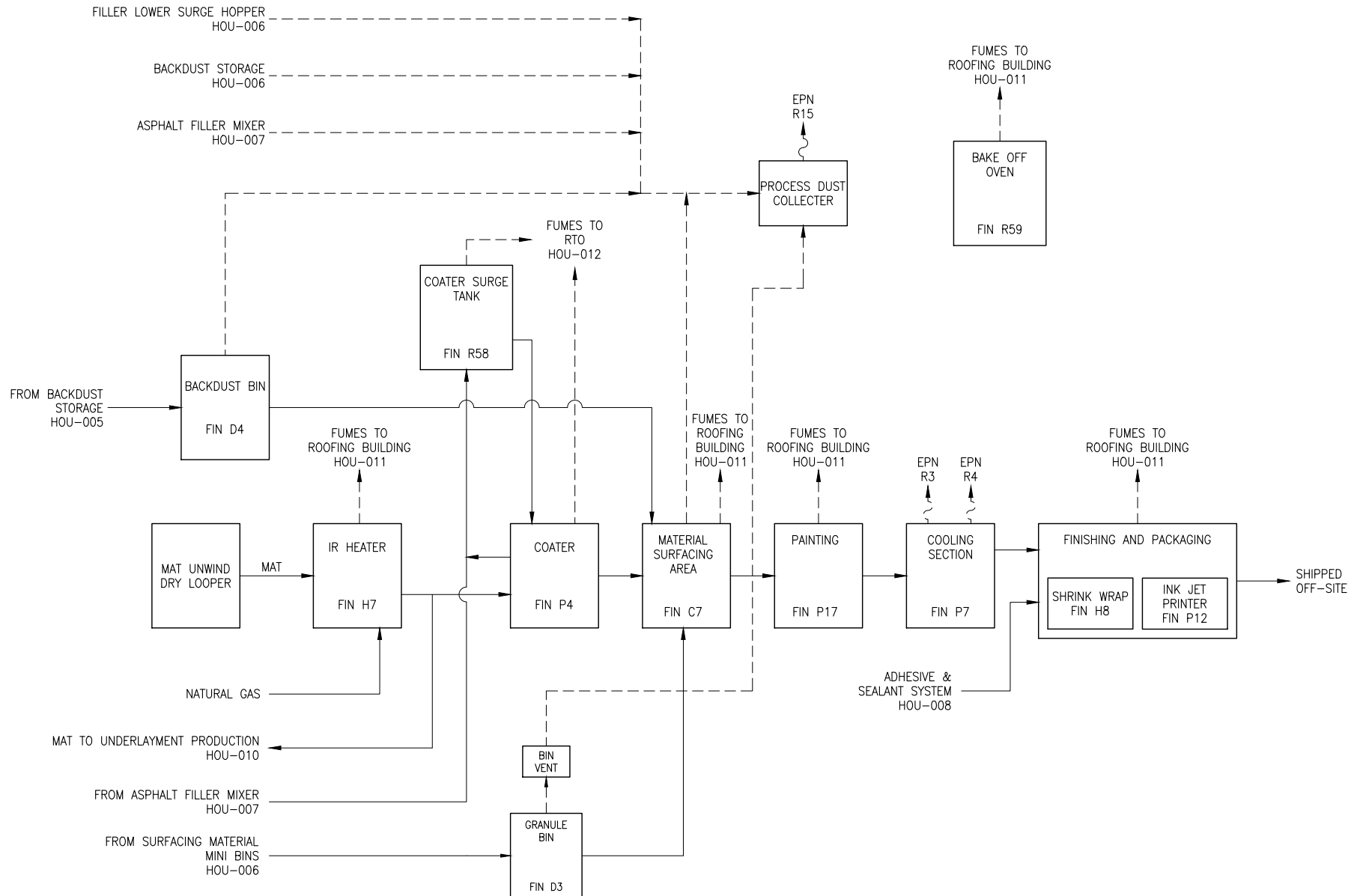
SCALE

REV. NO.

DWG. NO.

S8

SHINGLE PRODUCTION



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| APPR. BY | JPP |
| DRAWN BY | IT |



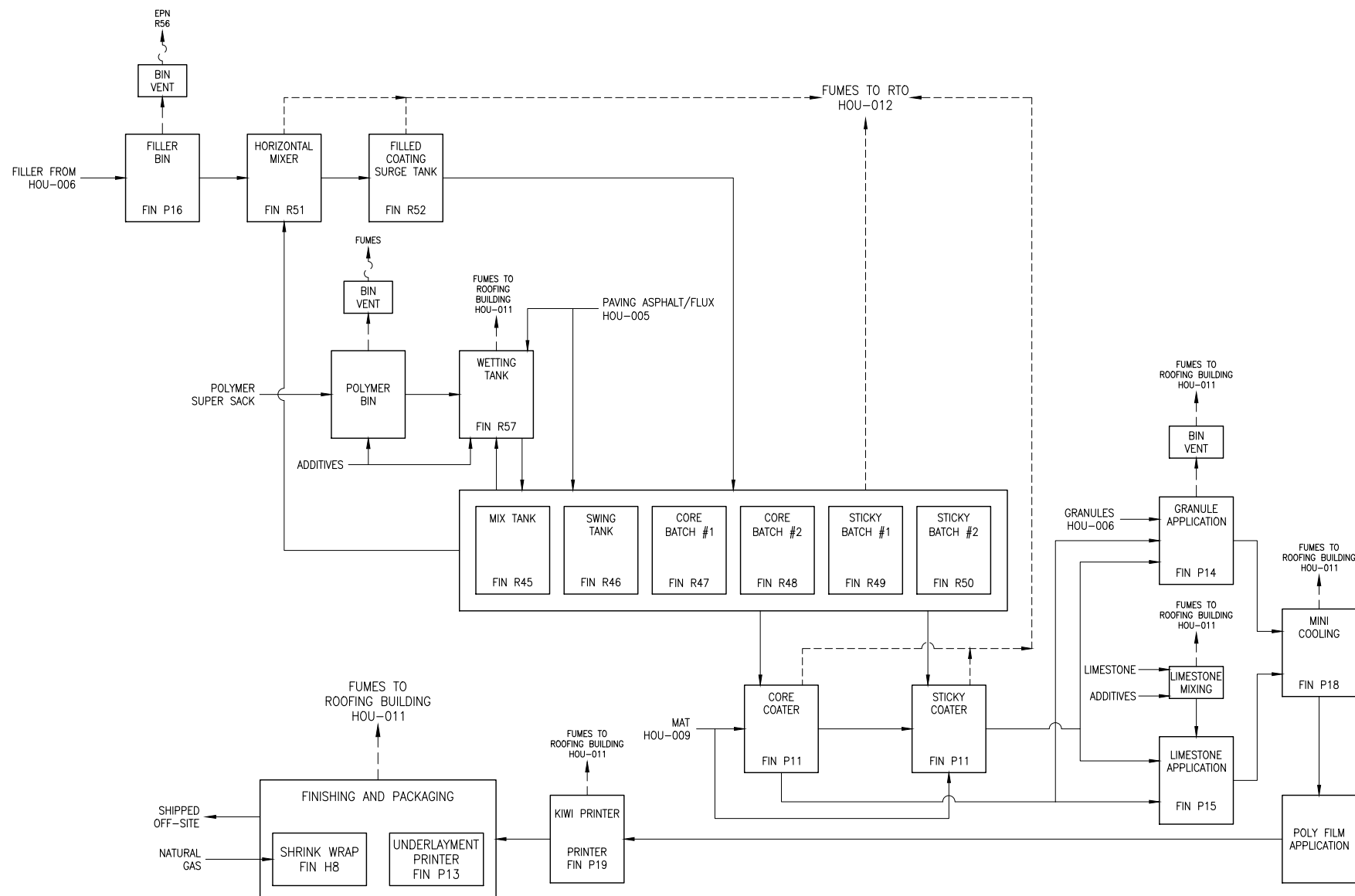
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|-------------|-------------------------|
| SHEET TITLE | PROCESS FLOW DIAGRAM |
|-------------|-------------------------|


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|----------|---------------------------------|
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| | OWENS CORNING HOUSTON, TEXAS |

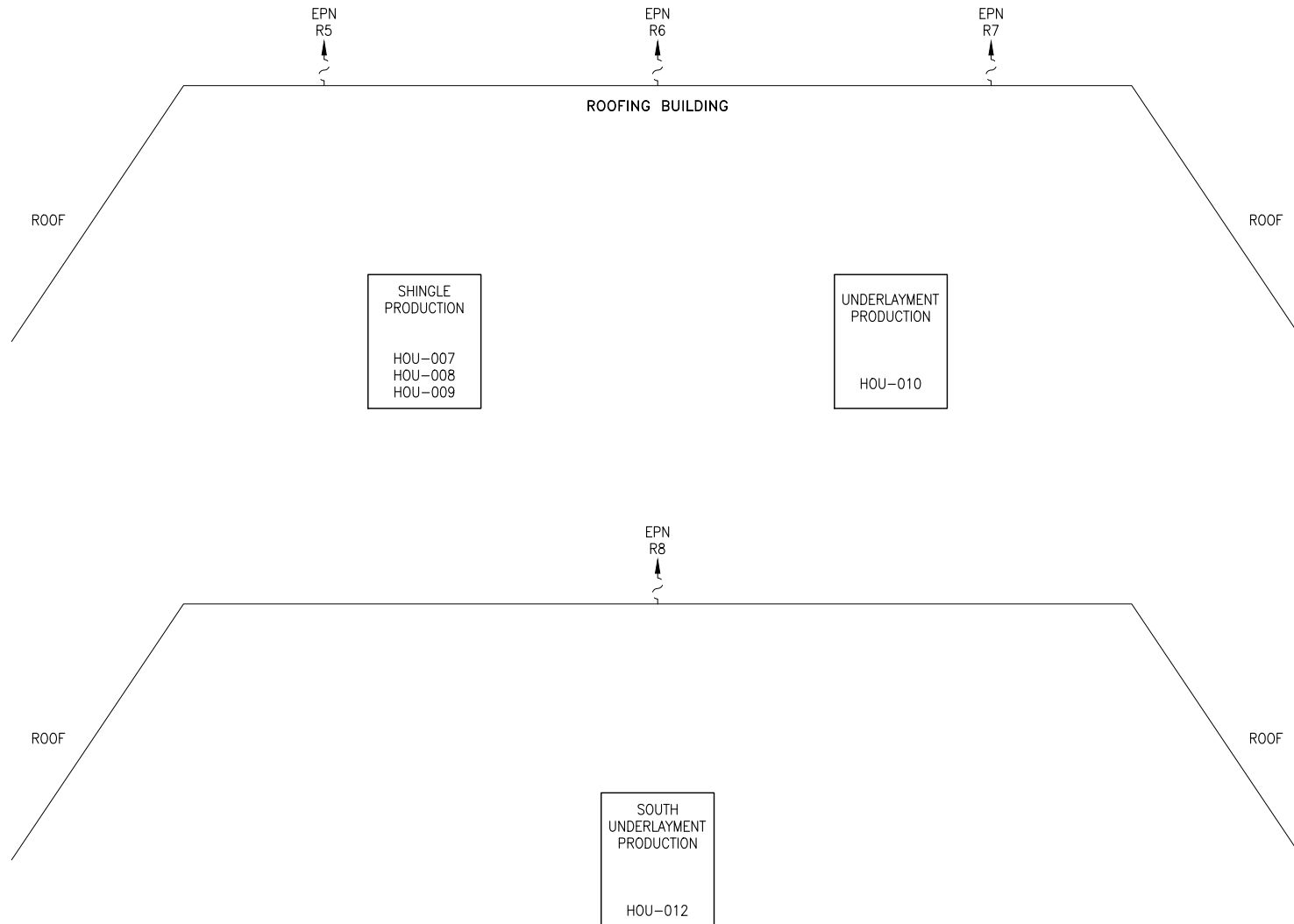
| | |
|-------------|-------------|
| PROJECT NO. | 2801-23-031 |
| DATE | 11/25/2024 |
| SCALE | --- |

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| REV. NO. | |
| DWG. NO. | S9 |

UNDERLAYMENT PRODUCTION

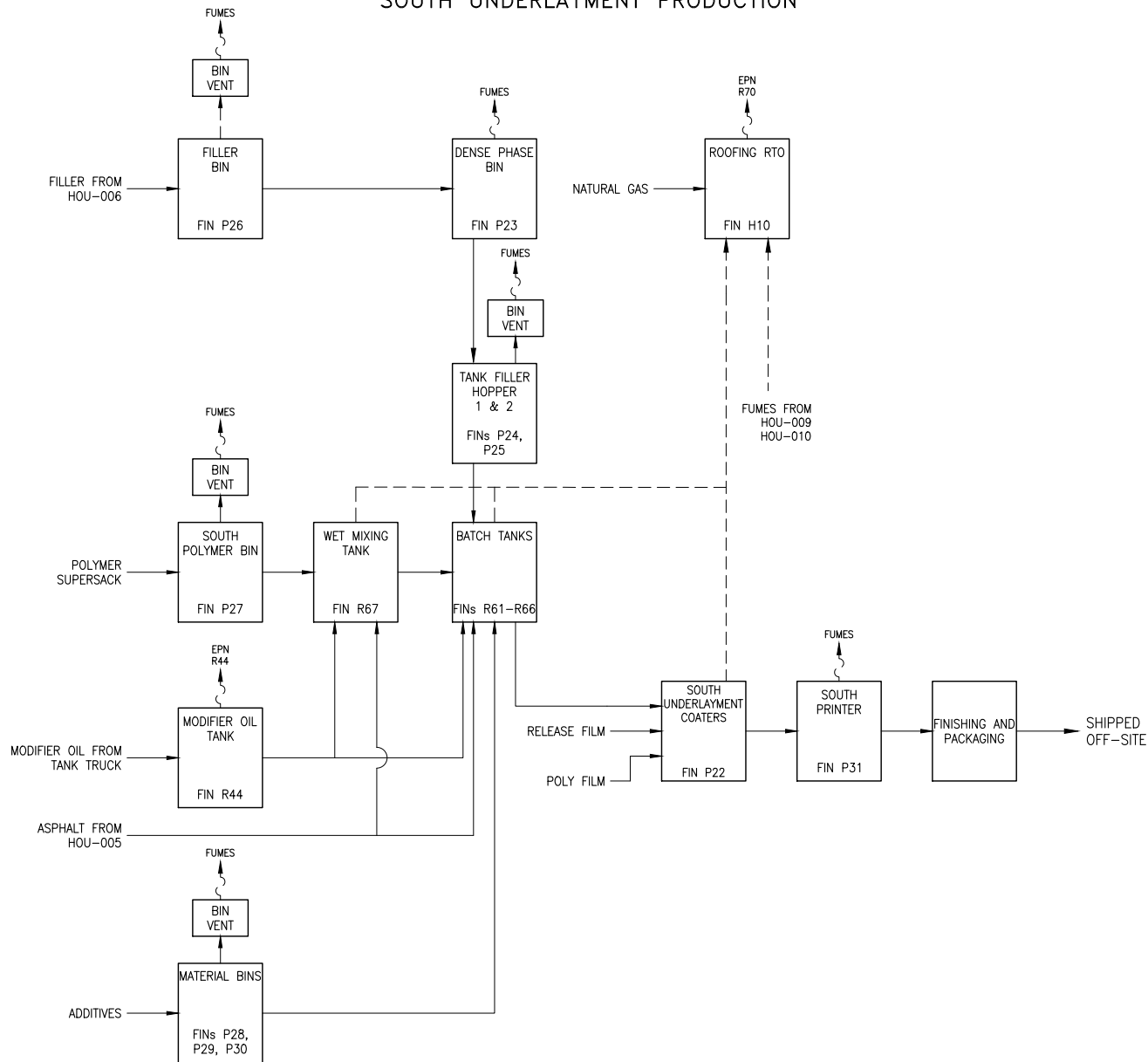


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|-------------|-----|---|-------------|---------------------------------|----------|--|-------------|----------|
| DESIGNED BY | JPP |  | SHEET TITLE | <p>PROCESS FLOW DIAGRAM</p> | JOB NAME | <p>HOU-010</p> <p>OWENS CORNING HOUSTON, TEXAS</p> | PROJECT NO. | REV. NO. |
| CHECKED BY | JPP | | | | | | 2801-23-031 | |
| APPR. BY | JPP | | | | | | DATE | DWG. NO. |
| DRAWN BY | IT | | | | | | 11/25/2024 | S10 |
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| DESIGNED BY JPP |  | SHEET TITLE PROCESS FLOW DIAGRAM | JOB NAME HOU-011 OWENS CORNING HOUSTON, TEXAS | PROJECT NO. 2801-23-031 | REV. NO. |
| CHECKED BY JPP | | | | DATE 11/25/2024 | DWG. NO. |
| APPR. BY JPP | | | | SCALE --- | S11 |
| DRAWN BY IT | | | | | |

SOUTH UNDERLAYMENT PRODUCTION



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| DESIGNED BY | JPP |
| CHECKED BY | JPP |
| APPR. BY | JPP |
| DRAWN BY | ALB |



SHEET TITLE

PROCESS FLOW DIAGRAM

JOB NAME

HOU-012

OWENS CORNING
HOUSTON, TEXAS

PROJECT NO.

2801-23-031

DATE

11/25/2024

SCALE

REV. NO.

DWG. NO.

S12

Appendix E

PIP Form



Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

The Public Involvement Plan is intended to provide applicants and the agency with information about how public outreach will be accomplished for certain types of applications in certain geographical areas of the state. It is intended to apply to new activities; major changes at existing plants, facilities, and processes; and to activities which are likely to have significant interest from the public. This preliminary screening is designed to identify applications that will benefit from an initial assessment of the need for enhanced public outreach.

All applicable sections of this form should be completed and submitted with the permit or registration application. For instructions on how to complete this form, see TCEQ-20960-inst.

Section 1. Preliminary Screening

- ☐ New Permit or Registration Application
☒ New Activity - modification, registration, amendment, facility, etc. (see instructions)

If neither of the above boxes are checked, completion of the form is not required and does not need to be submitted.

Section 2. Secondary Screening

- ☒ Requires public notice,
☐ Considered to have significant public interest, and
☒ Located within any of the following geographical locations:

- Austin
- Dallas
- Fort Worth
- Houston
- San Antonio
- West Texas
- Texas Panhandle
- Along the Texas/Mexico Border
- Other geographical locations should be decided on a case-by-case basis

**If all the above boxes are not checked, a Public Involvement Plan is not necessary.
Stop after Section 2 and submit the form.**

- ☒ Public Involvement Plan not applicable to this application. Provide **brief** explanation.

This renewal application incorporates changes that were previously approved by TCEQ with the 8/1/2024 NSR amendment and permit issuance. The changes will result in no notable change to truck traffic, noise, or lighting at the facility that could elicit public interest. Additionally, this application includes the addition of new pollution prevention equipment to produce a net reduction in facility emissions of VOC.

Section 3. Application Information

Type of Application (check all that apply):

Air ☐ Initial ☐ Federal ☐ Amendment ☐ Standard Permit ☐ Title V
Waste ☐ Municipal Solid Waste ☐ Industrial and Hazardous Waste ☐ Scrap Tire
☐ Radioactive Material Licensing ☐ Underground Injection Control

Water Quality

☐ Texas Pollutant Discharge Elimination System (TPDES)
☐ Texas Land Application Permit (TLAP)
☐ State Only Concentrated Animal Feeding Operation (CAFO)
☐ Water Treatment Plant Residuals Disposal Permit
☐ Class B Biosolids Land Application Permit
☐ Domestic Septage Land Application Registration

Water Rights New Permit

☐ New Appropriation of Water
☐ New or existing reservoir

Amendment to an Existing Water Right

☐ Add a New Appropriation of Water
☐ Add a New or Existing Reservoir
☐ Major Amendment that could affect other water rights or the environment

Section 4. Plain Language Summary

Provide a brief description of planned activities.

Section 5. Community and Demographic Information

Community information can be found using EPA's EJ Screen, U.S. Census Bureau information, or generally available demographic tools.

Information gathered in this section can assist with the determination of whether alternative language notice is necessary. Please provide the following information.

(City)

(County)

(Census Tract)

Please indicate which of these three is the level used for gathering the following information.

☐

City

☐

County

☐

Census Tract

(a) Percent of people over 25 years of age who at least graduated from high school

(b) Per capita income for population near the specified location

(c) Percent of minority population and percent of population by race within the specified location

(d) Percent of Linguistically Isolated Households by language within the specified location

(e) Languages commonly spoken in area by percentage

(f) Community and/or Stakeholder Groups

(g) Historic public interest or involvement

Section 6. Planned Public Outreach Activities

(a) Is this application subject to the public participation requirements of Title 30 Texas Administrative Code (30 TAC) Chapter 39?

☐ Yes ☐ No

(b) If yes, do you intend at this time to provide public outreach other than what is required by rule?

☐ Yes ☐ No

If Yes, please describe.

If you answered "yes" that this application is subject to 30 TAC Chapter 39, answering the remaining questions in Section 6 is not required.

(c) Will you provide notice of this application in alternative languages?

☐ Yes ☐ No

Please refer to Section 5. If more than 5% of the population potentially affected by your application is Limited English Proficient, then you are required to provide notice in the alternative language.

If yes, how will you provide notice in alternative languages?

- ☐ Publish in alternative language newspaper
- ☐ Posted on Commissioner's Integrated Database Website
- ☐ Mailed by TCEQ's Office of the Chief Clerk
- ☐ Other (specify)

(d) Is there an opportunity for some type of public meeting, including after notice?

☐ Yes ☐ No

(e) If a public meeting is held, will a translator be provided if requested?

☐ Yes ☐ No

(f) Hard copies of the application will be available at the following (check all that apply):

- ☐ TCEQ Regional Office ☐ TCEQ Central Office
- ☐ Public Place (specify)

Section 7. Voluntary Submittal

For applicants voluntarily providing this Public Involvement Plan, who are not subject to formal public participation requirements.

Will you provide notice of this application, including notice in alternative languages?

☐ Yes ☐ No

What types of notice will be provided?

- ☐ Publish in alternative language newspaper
- ☐ Posted on Commissioner's Integrated Database Website
- ☐ Mailed by TCEQ's Office of the Chief Clerk
- ☐ Other (specify)

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

| | |
|--|--|
| Date: 12/31/2024 | |
| Permit No.: O1543 | |
| Regulated Entity No.: RN100225036 | |
| Company Name: Owens Corning Roofing and Asphalt, LLC | |
| For Submissions to EPA | |
| Has an electronic copy of this application been submitted (or is being submitted) to EPA? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| I. Application Type | |
| Indicate the type of application: | |
| <input checked="" type="checkbox"/> Renewal | |
| <input type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.) | |
| <input type="checkbox"/> Significant Revision | |
| <input type="checkbox"/> Revision Requesting Prior Approval | |
| <input type="checkbox"/> Administrative Revision | |
| <input type="checkbox"/> Response to Reopening | |
| II. Qualification Statement | |
| For SOP Revisions Only <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| For GOP Revisions Only <input type="checkbox"/> YES <input type="checkbox"/> NO | |

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

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

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

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

Other:

IV. Reference Only Requirements (For reference only)

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

V. Delinquent Fees and Penalties

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

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

| |
|--|
| Date: 12/31/2024 |
| Permit No.: O1543 |
| Regulated Entity No.: RN100225036 |
| Company Name: Owens Corning Roofing and Asphalt, LLC |

Using the table below, provide a description of the revision.

| Revision No. | Revision Code | Unit/Group Process | | | NSR Authorization | Description of Change and Provisional Terms and Conditions |
|--------------|---------------|--------------------|---------|-----------------|----------------------|---|
| | | New Unit | ID No. | Applicable Form | | |
| 1 | MS-A | YES | EPN R70 | OP-UA15 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 2 | MS-A | YES | EPN R8 | OP-UA15 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 3 | MS-A | YES | EPN R60 | OP-REQ2 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 4 | MS-A | YES | EPN R44 | OP-UA3 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 5 | MS-A | YES | FIN R61 | OP-UA3, OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 6 | MS-A | YES | FIN R62 | OP-UA3, OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 7 | MS-A | YES | FIN R63 | OP-UA3, OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 8 | MS-A | YES | FIN R64 | OP-UA3, OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 9 | MS-A | YES | FIN R65 | OP-UA3, OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 10 | MS-A | YES | FIN R66 | OP-UA3, OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 11 | MS-A | YES | FIN R67 | OP-UA3, OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |

| Revision No. | Revision Code | Unit/Group Process | | | NSR Authorization | Description of Change and Provisional Terms and Conditions |
|--------------|---------------|--------------------|----------|-----------------|-------------------|--|
| | | New Unit | ID No. | Applicable Form | | |
| 12 | MS-A | YES | FIN P22 | OP-UA1, OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 13 | MS-A | YES | FIN P23 | OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 14 | MS-A | YES | FIN P24 | OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 15 | MS-A | YES | FIN P25 | OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 16 | MS-A | YES | FIN P26 | OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 17 | MS-A | YES | FIN P27 | OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 18 | MS-A | YES | FIN P28 | OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 19 | MS-A | YES | FIN P29 | OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 20 | MS-A | YES | FIN P30 | OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 21 | MS-A | YES | FIN P31 | | 21768 | Addition of facility to match NSR (8/1/2024) |
| 22 | MS-A | YES | FIN D3 | OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 23 | MS-A | YES | FIN D4 | OP-UA20 | 21768 | Addition of facility to match NSR (8/1/2024) |
| 24 | MS-C | NO | EPN R1 | | 21768 | Remove emission source to match NSR (8/1/2024) |
| 25 | MS-C | NO | EPN R53 | | 21768 | Remove emission source to match NSR |
| 26 | MS-C | NO | EPN A122 | | 21768 | Remove emission source to match NSR |
| 27 | MS-C | NO | EPN R18A | | 21768 | Remove emission source |