


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

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

<b>I. Identifying Information</b>
RN: RN100225291
CN: CN601173016
Account No.: DB-0632-E
Permit No.: O1545
Project No.:
Area Name: Owens Corning Roofing & Asphalt, LLC - Irving, Texas
Company Name: Owens Corning Roofing & Asphalt, LLC
<b>II. Certification Type</b> <i>(Please mark appropriate box)</i>
<input checked="" type="checkbox"/> Responsible Official <span style="margin-left: 200px;"><input type="checkbox"/> Duly Authorized Representative</span>
<b>III. Submittal Type</b> <i>(Please mark appropriate box) (Only one response can be accepted per form)</i>
<input type="checkbox"/> SOP/TOP Initial Permit Application <span style="margin-left: 100px;"><input checked="" type="checkbox"/> Permit Revision, Renewal, or Reopening</span>
<input type="checkbox"/> GOP Initial Permit Application <span style="margin-left: 100px;"><input type="checkbox"/> Update to Permit Application</span>
<input type="checkbox"/> Other: _____

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

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

<b>IV. Certification of Truth</b>			
<b>This certification does not extend to information which is designated by TCEQ as information for reference only.</b>			
I, Joseph Netter _____, certify that I am the RO _____ <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span><i>(Certifier Name printed or typed)</i></span> <span><i>(RO or DAR)</i></span> </div> <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:  <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>			
Time Period: From _____ to _____ <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span><i>(Start Date)</i></span> <span><i>(End Date)</i></span> </div>			
Specific Dates: 4/26/2026 _____ <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <span><i>(Date 1)</i></span> <span><i>(Date 2)</i></span> <span><i>(Date 3)</i></span> <span><i>(Date 4)</i></span> </div>			
_____		_____	
<i>(Date 5)</i>		<i>(Date 6)</i>	
Signature: 		Signature Date: <u>4/23/26</u>	
Title: Site Leader _____			

## Carolyn Thomas

---

**From:** Carolyn Thomas  
**Sent:** Wednesday, April 29, 2026 12:56 PM  
**To:** Muhl, Andrew; Netter, Joseph; Jacob Post  
**Subject:** RE: Owens Corning Roofing and Asphalt LLC Title V Permit 1545, Project 40143

Thank you, Andrew, for your attention to this matter.

In order fir Jacob Post to receive correspondence, I can add him as a 2<sup>nd</sup> technical contact on the project.

All I would need is an updated OP-1 to include him.

Again, I appreciate you taken care of this.

Thank you,  
Carolyn Thomas  
Air Permits Initial Review Team  
Air Permits Division, MC 161  
Office of Air Texas Commission on Environmental Quality  
Phone: (512) 239-5127  
Fax: (512) 233-0973  
E-mail: [carolyn.thomas@tceq.texas.gov](mailto:carolyn.thomas@tceq.texas.gov)  
Web site: [www.tceq.texas.gov](http://www.tceq.texas.gov)  
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How are we doing? [www.tceq.texas.gov/customersurvey](http://www.tceq.texas.gov/customersurvey)

---

**From:** Muhl, Andrew <Andrew.Muhl@owenscorning.com>  
**Sent:** Wednesday, April 29, 2026 12:30 PM  
**To:** Carolyn Thomas <Carolyn.Thomas@tceq.texas.gov>; Netter, Joseph <Joseph.Netter@owenscorning.com>; Jacob Post <jacob.post@alliancetg.com>  
**Subject:** RE: Owens Corning Roofing and Asphalt LLC Title V Permit 1545, Project 40143

Good afternoon, Carolyn.

Thank you for your patience as we worked through your requests. Please see our responses below to the information you requested:

Joseph Netter is designated as both the Responsible Official (RO) and Designated Authorized Representative (DAR) for this project, and the signed document reflecting this designation is attached for your review. Regarding Req 1 Page 74, question EE.1, our answer is "Yes."

Additionally, to streamline communication, we would like to authorize Jacob Post ([jacob.post@alliancetg.com](mailto:jacob.post@alliancetg.com)) to respond to emails regarding the Owens Corning Roofing and Asphalt LLC Title V Permit 1545, Project 40143, on our behalf. Jacob is familiar with the project and will be able to address any outstanding questions or provide additional information as needed.

Please let us know if there is anything else required or if you need clarification on any of the points above. We appreciate your guidance and look forward to moving ahead with the review.

Best regards,

**Andrew Muhl**

Sr EHS Leader

Irving Roofing & Asphalt Plant | EH&S Department

Mobile: 610-739-2043



**OWENS CORNING**

201 N. Nursery Road  
Irving, TX 75061

[www.owenscorning.com](http://www.owenscorning.com)



**From:** Carolyn Thomas <[Carolyn.Thomas@tceq.texas.gov](mailto:Carolyn.Thomas@tceq.texas.gov)>

**Sent:** Wednesday, April 29, 2026 8:11 AM

**To:** Netter, Joseph <[Joseph.Netter@owenscorning.com](mailto:Joseph.Netter@owenscorning.com)>; Muhl, Andrew <[Andrew.Muhl@owenscorning.com](mailto:Andrew.Muhl@owenscorning.com)>

**Subject:** FW: Owens Corning Roofing and Asphalt LLC Title V Permit 1545, Project 40143

**Importance:** High

Some people who received this message don't often get email from [carolyn.thomas@tceq.texas.gov](mailto:carolyn.thomas@tceq.texas.gov). [Learn why this is important](#)

Good morning, Andrew,

Based on our phone conversation yesterday, please let me know if you have any questions as you prepare form OPDEL designating you as the DAR.

I look forward to transferring the project today 4/29/2026.

Thank you for your attention to this message.

Thank you,

Carolyn Thomas

Air Permits Initial Review Team

Air Permits Division, MC 161

Office of Air Texas Commission on Environmental Quality

Phone: (512) 239-5127

Fax: (512) 233-0973

E-mail: [carolyn.thomas@tceq.texas.gov](mailto:carolyn.thomas@tceq.texas.gov)

Web site: [www.tceq.texas.gov](http://www.tceq.texas.gov)

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---

**From:** Carolyn Thomas

**Sent:** Monday, April 27, 2026 3:14 PM

**To:** 'joseph.netter@owenscorning.com' <[joseph.netter@owenscorning.com](mailto:joseph.netter@owenscorning.com)>; 'andrew.muhl@owenscorning.com' <[andrew.muhl@owenscorning.com](mailto:andrew.muhl@owenscorning.com)>

**Subject:** FW: Owens Corning Roofing and Asphalt LLC Title V Permit 1545, Project 40143

Good afternoon,

Please confirm Yes or No for Req 1 Page 74 question EE.1

**EE. SubpartBBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities**

1. The application area is located at a site that is an area source of HAPs.  
*If the answer to Question EE.1 is "No," go to Section VIII.FF.*

Yes  No

Thank you,

Carolyn Thomas

Air Permits Initial Review Team

Air Permits Division, MC 161

Office of Air Texas Commission on Environmental Quality

Phone: (512) 239-5127

Fax: (512) 233-0973

E-mail: [carolyn.thomas@tceq.texas.gov](mailto:carolyn.thomas@tceq.texas.gov)

Web site: [www.tceq.texas.gov](http://www.tceq.texas.gov)

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**From:** Carolyn Thomas  
**Sent:** Monday, April 27, 2026 2:47 PM  
**To:** [joseph.netter@owenscorning.com](mailto:joseph.netter@owenscorning.com); [andrew.muhl@owenscorning.com](mailto:andrew.muhl@owenscorning.com)  
**Subject:** Owens Corning Roofing and Asphalt LLC Title V Permit 1545, Project 40143

Good afternoon,

I am currently performing the initiation review for Renewal Permit 1545 and identified an issue with the submitted Form OPDEL form.

The form designates Joseph Netter as the Designated Authorized Representative (DAR); however, the Responsible Official (RO) signature provided is from Steven Cohen. Based on our records, Steven Cohen has not held the role of Responsible Official, and the current RO is Joseph Netter.

If Joseph Netter is to be designated as both the RO and DAR, he must sign the form in Section 3 as the Responsible Official. The "I" statement in Section 3 must reflect the current RO, which is Joseph Netter.

If Steven Cohen is to be included, his signature should appear in the appropriate section below the RO signature, not in place of the RO.

Please revise and resubmit the form with the correct RO signature to proceed with processing.

Thank you,  
Carolyn Thomas  
Air Permits Initial Review Team  
Air Permits Division, MC 161  
Office of Air Texas Commission on Environmental Quality  
Phone: (512) 239-5127  
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Web site: [www.tceq.texas.gov](http://www.tceq.texas.gov)  
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Translations available: <https://www.owenscorning.com/en-us/roofing/emailfooter>

**From:** [Muhl, Andrew](#)  
**To:** [Carolyn Thomas](#); [Netter, Joseph](#); [Jacob Post](#)  
**Subject:** RE: Owens Corning Roofing and Asphalt LLC Title V Permit 1545, Project 40143  
**Date:** Wednesday, April 29, 2026 12:29:54 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[image006.png](#)  
[image008.png](#)  
[OP-DEL JN RO and DR\\_final.pdf](#)

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Good afternoon, Carolyn.

Thank you for your patience as we worked through your requests. Please see our responses below to the information you requested:

Joseph Netter is designated as both the Responsible Official (RO) and Designated Authorized Representative (DAR) for this project, and the signed document reflecting this designation is attached for your review. Regarding Req 1 Page 74, question EE.1, our answer is "Yes."

Additionally, to streamline communication, we would like to authorize Jacob Post ([jacob.post@alliancetg.com](mailto:jacob.post@alliancetg.com)) to respond to emails regarding the Owens Corning Roofing and Asphalt LLC Title V Permit 1545, Project 40143, on our behalf. Jacob is familiar with the project and will be able to address any outstanding questions or provide additional information as needed.

Please let us know if there is anything else required or if you need clarification on any of the points above. We appreciate your guidance and look forward to moving ahead with the review.

Best regards,

**Andrew Muhl**

Sr EHS Leader

Irving Roofing & Asphalt Plant | EH&S Department

Mobile: 610-739-2043



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Irving, TX 75061  
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---

**From:** Carolyn Thomas <[Carolyn.Thomas@tceq.texas.gov](mailto:Carolyn.Thomas@tceq.texas.gov)>  
**Sent:** Wednesday, April 29, 2026 8:11 AM  
**To:** Netter, Joseph <[Joseph.Netter@owenscorning.com](mailto:Joseph.Netter@owenscorning.com)>; Muhl, Andrew <[Andrew.Muhl@owenscorning.com](mailto:Andrew.Muhl@owenscorning.com)>  
**Subject:** FW: Owens Corning Roofing and Asphalt LLC Title V Permit 1545, Project 40143  
**Importance:** High

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Good morning, Andrew,

Based on our phone conversation yesterday, please let me know if you have any questions as you prepare form OPDEL designating you as the DAR.

I look forward to transferring the project today 4/29/2026.

Thank you for your attention to this message.

Thank you,  
Carolyn Thomas  
Air Permits Initial Review Team  
Air Permits Division, MC 161  
Office of Air Texas Commission on Environmental Quality  
Phone: (512) 239-5127  
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---

**From:** Carolyn Thomas  
**Sent:** Monday, April 27, 2026 3:14 PM  
**To:** 'joseph.netter@owenscorning.com' <[joseph.netter@owenscorning.com](mailto:joseph.netter@owenscorning.com)>; 'andrew.muhl@owenscorning.com' <[andrew.muhl@owenscorning.com](mailto:andrew.muhl@owenscorning.com)>  
**Subject:** FW: Owens Corning Roofing and Asphalt LLC Title V Permit 1545, Project 40143

Good afternoon,

Please confirm Yes or No for Req 1 Page 74 question EE.1

<b>EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities</b>	
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 checked="" type="checkbox"/> No

Thank you,  
Carolyn Thomas  
Air Permits Initial Review Team  
Air Permits Division, MC 161  
Office of Air Texas Commission on Environmental Quality  
Phone: (512) 239-5127  
Fax: (512) 233-0973  
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---

**From:** Carolyn Thomas

**Sent:** Monday, April 27, 2026 2:47 PM

**To:** [joseph.netter@owenscorning.com](mailto:joseph.netter@owenscorning.com); [andrew.muhl@owenscorning.com](mailto:andrew.muhl@owenscorning.com)

**Subject:** Owens Corning Roofing and Asphalt LLC Title V Permit 1545, Project 40143

Good afternoon,

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If Steven Cohen is to be included, his signature should appear in the appropriate section below the RO signature, not in place of the RO.

Please revise and resubmit the form with the correct RO signature to proceed with processing.

Thank you,

Carolyn Thomas

Air Permits Initial Review Team

Air Permits Division, MC 161

Office of Air Texas Commission on Environmental Quality

Phone: (512) 239-5127

Fax: (512) 233-0973

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Web site: [www.tceq.texas.gov](http://www.tceq.texas.gov)

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## Carolyn Thomas

---

**From:** eNotice TCEQ  
**Sent:** Wednesday, April 29, 2026 1:02 PM  
**To:** nathan.johnson@senate.texas.gov; terry.meza@house.texas.gov  
**Subject:** TCEQ Notice - Permit Number O1545  
**Attachments:** TCEQ Notice - O1545\_40143.pdf

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

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

Questions regarding this email may be submitted either by replying directly to this email or by calling Mr. Rhyan Stone with the Air Permits Division at (512) 239-1293.

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.

## Carolyn Thomas

---

**From:** Carolyn Thomas  
**Sent:** Wednesday, April 29, 2026 8:11 AM  
**To:** joseph.netter@owenscorning.com; andrew.muhl@owenscorning.com  
**Subject:** FW: Owens Corning Roofing and Asphalt LLC Title V Permit 1545, Project 40143

**Importance:** High

Good morning, Andrew,

Based on our phone conversation yesterday, please let me know if you have any questions as you prepare form OPDEL designating you as the DAR.

I look forward to transferring the project today 4/29/2026.

Thank you for your attention to this message.

Thank you,  
Carolyn Thomas  
Air Permits Initial Review Team  
Air Permits Division, MC 161  
Office of Air Texas Commission on Environmental Quality  
Phone: (512) 239-5127  
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E-mail: [carolyn.thomas@tceq.texas.gov](mailto:carolyn.thomas@tceq.texas.gov)  
Web site: [www.tceq.texas.gov](http://www.tceq.texas.gov)  
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**From:** Carolyn Thomas  
**Sent:** Monday, April 27, 2026 3:14 PM  
**To:** 'joseph.netter@owenscorning.com' <joseph.netter@owenscorning.com>; 'andrew.muhl@owenscorning.com' <andrew.muhl@owenscorning.com>  
**Subject:** FW: Owens Corning Roofing and Asphalt LLC Title V Permit 1545, Project 40143

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Please confirm Yes or No for Req 1 Page 74 question EE.1

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

1. The application area is located at a site that is an area source of HAPs.  
*If the answer to Question EE.1 is "No," go to Section VIII.FF.*

Yes  No

Thank you,  
Carolyn Thomas  
Air Permits Initial Review Team  
Air Permits Division, MC 161  
Office of Air Texas Commission on Environmental Quality  
Phone: (512) 239-5127  
Fax: (512) 233-0973  
E-mail: [carolyn.thomas@tceq.texas.gov](mailto:carolyn.thomas@tceq.texas.gov)  
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**From:** Carolyn Thomas  
**Sent:** Monday, April 27, 2026 2:47 PM  
**To:** [joseph.netter@owenscorning.com](mailto:joseph.netter@owenscorning.com); [andrew.muhl@owenscorning.com](mailto:andrew.muhl@owenscorning.com)  
**Subject:** Owens Corning Roofing and Asphalt LLC Title V Permit 1545, Project 40143

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Please revise and resubmit the form with the correct RO signature to proceed with processing.

Thank you,

Carolyn Thomas

Air Permits Initial Review Team

Air Permits Division, MC 161

Office of Air Texas Commission on Environmental Quality

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Brooke T. Paup, *Chairwoman*  
Catarina R. Gonzales, *Commissioner*  
Tonya R. Miller, *Commissioner*  
Kelly Keel, *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

April 29, 2026

THE HONORABLE NATHAN JOHNSON  
TEXAS SENATE  
PO BOX 12068  
AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Renewal Application  
Project Number: 40143  
Permit Number: O1545  
Owens Corning Roofing and Asphalt, LLC  
Owens Corning Roofing And Asphalt Llc - Irving  
Irving, Dallas County  
Regulated Entity Number: RN100225291  
Customer Reference Number: CN601173016

Dear Senator Johnson:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-96.934444,32.815833&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 Nathan Johnson  
Page 2  
April 29, 2026

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*  
Catarina R. Gonzales, *Commissioner*  
Tonya R. Miller, *Commissioner*  
Kelly Keel, *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

April 29, 2026

THE HONORABLE TERRY MEZA  
TEXAS HOUSE OF REPRESENTATIVES  
PO BOX 2910  
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Renewal Application  
Project Number: 40143  
Permit Number: O1545  
Owens Corning Roofing and Asphalt, LLC  
Owens Corning Roofing And Asphalt Llc - Irving  
Irving, Dallas County  
Regulated Entity Number: RN100225291  
Customer Reference Number: CN601173016

Dear Representative Meza:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-96.934444,32.815833&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", with a long horizontal line extending to the right.

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

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

<b>I. Identifying Information</b>
Account Number: DB-0862-E
Regulated Entity Number: RN 100225291
Customer Reference Number: CN 601173016
Permit Number: O1545
Area Name: Owens Corning Roofing & Asphalt, LLC - Irving, TX
Company Name: Owens Corning Roofing & Asphalt, LLC
<b>II. Duly Authorized Representative Information</b>
Action Type: <input type="checkbox"/> New DAR Identification <input type="checkbox"/> Administrative Information Change
Conventional Title: <input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.
Name (Driver License/STEERS): Joseph Netter
Title: Site Leader
Delegation Effective Date: 6/16/25
Telephone Number: 469-359-5935
Fax Number: 972-438-1659
Company Name: Owens Corning Roofing & Asphalt, LLC
Mailing Address: 201 North Nursery Rd
City: Irving
State: TX
ZIP Code: 75061
Email Address: joseph.netter@owenscorning.com

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

**III. Certification of Truth, Accuracy, and Completeness**

I, Joseph Netter

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

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

Responsible Official Signature: Netter, Joseph

Digitally signed by Netter, Joseph  
Date: 2026.04.29 11:26:55 -05'00'

Date: 4/29/26

Duly Authorized Representative Signature: Netter, Joseph

Digitally signed by Netter, Joseph  
Date: 2026.04.29 11:30:46 -05'00'

(Name(s) printed or typed) Joseph Netter

Date: 4/29/26

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

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

(Name(s) printed or typed) \_\_\_\_\_

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

Responsible Official Signature: \_\_\_\_\_

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

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

<b>V. Additional Identifying Information</b>
Account Number:
Regulated Entity Number: RN
Customer Reference Number: CN
Permit Number:
Area Name:
Account Number:
Regulated Entity Number: RN
Customer Reference Number: CN
Permit Number:
Area Name:
Account Number:
Regulated Entity Number: RN
Customer Reference Number: CN
Permit Number:
Area Name:
Account Number:
Responsible Official: RN
Customer Reference Number: CN
Permit Number:
Area Name:
Account Number:
Regulated Entity Number: RN
Customer Reference Number: CN
Permit Number:
Area Name:

**Carolyn Thomas**

---

**From:** Carolyn Thomas  
**Sent:** Monday, April 27, 2026 3:14 PM  
**To:** 'joseph.netter@owenscorning.com'; 'andrew.muhl@owenscorning.com'  
**Subject:** FW: Owens Corning Roofing and Asphalt LLC Title V Permit 1545, Project 40143

Good afternoon,

Please confirm Yes or No for Req 1 Page 74 question EE.1

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

1. The application area is located at a site that is an area source of HAPs.  
*If the answer to Question EE.1 is "No," go to Section VIII.FF.*

Yes  No

Thank you,  
Carolyn Thomas  
Air Permits Initial Review Team  
Air Permits Division, MC 161  
Office of Air Texas Commission on Environmental Quality  
Phone: (512) 239-5127  
Fax: (512) 233-0973  
E-mail: [carolyn.thomas@tceq.texas.gov](mailto:carolyn.thomas@tceq.texas.gov)  
Web site: [www.tceq.texas.gov](http://www.tceq.texas.gov)  
Please consider whether it is necessary to print this e-mail.  
How are we doing? [www.tceq.texas.gov/customersurvey](http://www.tceq.texas.gov/customersurvey)

---

**From:** Carolyn Thomas  
**Sent:** Monday, April 27, 2026 2:47 PM  
**To:** joseph.netter@owenscorning.com; andrew.muhl@owenscorning.com  
**Subject:** Owens Corning Roofing and Asphalt LLC Title V Permit 1545, Project 40143

Good afternoon,

I am currently performing the initiation review for Renewal Permit 1545 and identified an issue with the submitted Form OPDEL form.

The form designates Joseph Netter as the Designated Authorized Representative (DAR); however, the Responsible Official (RO) signature provided is from Steven Cohen. Based on our records, Steven Cohen has not held the role of Responsible Official, and the current RO is Joseph Netter.

If Joseph Netter is to be designated as both the RO and DAR, he must sign the form in Section 3 as the Responsible Official. The "I" statement in Section 3 must reflect the current RO, which is Joseph Netter.

If Steven Cohen is to be included, his signature should appear in the appropriate section below the RO signature, not in place of the RO.

Please revise and resubmit the form with the correct RO signature to proceed with processing.

Thank you,

Carolyn Thomas

Air Permits Initial Review Team

Air Permits Division, MC 161

Office of Air Texas Commission on Environmental Quality

Phone: (512) 239-5127

Fax: (512) 233-0973

E-mail: [carolyn.thomas@tceq.texas.gov](mailto:carolyn.thomas@tceq.texas.gov)

Web site: [www.tceq.texas.gov](http://www.tceq.texas.gov)

Please consider whether it is necessary to print this e-mail.

How are we doing? [www.tceq.texas.gov/customersurvey](http://www.tceq.texas.gov/customersurvey)

## Carolyn Thomas

---

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**Sent:** Monday, April 27, 2026 2:47 PM  
**To:** joseph.netter@owenscorning.com; andrew.muhl@owenscorning.com  
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Please revise and resubmit the form with the correct RO signature to proceed with processing.


Thank you,  
Carolyn Thomas  
Air Permits Initial Review Team  
Air Permits Division, MC 161  
Office of Air Texas Commission on Environmental Quality  
Phone: (512) 239-5127  
Fax: (512) 233-0973  
E-mail: [carolyn.thomas@tceq.texas.gov](mailto:carolyn.thomas@tceq.texas.gov)  
Web site: [www.tceq.texas.gov](http://www.tceq.texas.gov)  
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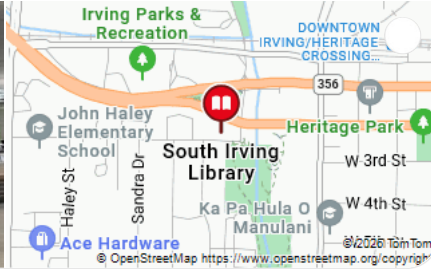
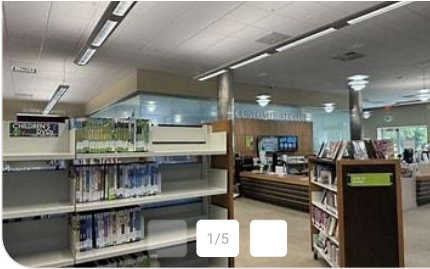
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- Q west irving library
- Q south irving library
- Q city of irving texas

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5/5 ★★★★★ (263) Location: 601 Schulze Dr, Irving, 75060, TX  
Phone: (972) 721-2606

irvingtx.gov  
<https://irvingtx.gov> > library-locations

### Locations | Irving, TX Official Website

Library Locations South Irving Library Located on the southwest corner of Schulze Dr. and Irving Blvd.

CityLibrary  
<https://citylibrary.com> > public-libraries > south-irving-library

### South Irving Library - Contact, Hours, and Information | CityLibrary

May 11, 2022 · South Irving Library serves 255,000 residents in the City of Irving. Contact by phone at ...

polarislibrary.com  
<https://irving.polarislibrary.com> > polaris > library > hours.aspx

### South - irving.polarislibrary.com

Hours for: South ... Location Information 601 Schulze Drive IRVING, TX 75060 972-721-2606 ...

MapQuest  
<https://www.mapquest.com> > us > texas

### South Irving Library, 601 Schulze Dr, Irving, TX 75060, US - MapQuest

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### South Irving Library, Irving Public Library - Irving, TX 75060

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south irving library schulze

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irving **texas** library

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south irving library

**city of** irving **texas**

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Irving Polaris digital collection



**Boiler/Steam Generator/Steam Generating Unit Attributes  
Form OP-UA6  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**General Information**

Requested Information	Response
<b>Date:</b>	04/26/2026
<b>Customer Reference No.:</b>	CN601173016
<b>Regulated Entity No.:</b>	RN100225291
<b>Permit No.:</b>	O1545
<b>Permit Area Name:</b>	Owens Corning Roofing & Asphalt, LLC - Irving, TX
<b>Permit Type:</b>	SOP
<b>Project Type:</b>	Renewal
<b>Submission Type:</b>	New Application
<b>Project Number (if available):</b>	
Form Information	TCEQ Entry Only
<b>Title V Form Release Date:</b>	10/2025
<b>Form Number:</b>	10026
<b>APD ID Number:</b>	40v2.0
<b>Version Revised Date:</b>	10/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

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N/A	N/A	<a href="#">OP-REQ2</a>	Yes
Table 1a	40 CFR Part 60, Subpart D: Standards of Performance for Fossil Fuel-Fired Steam Generators	<a href="#">Page 1</a>	Yes
Table 1b	40 CFR Part 60, Subpart D: Standards of Performance for Fossil Fuel-Fired Steam Generators	<a href="#">Page 2</a>	
Table 2a	40 CFR Part 60, Subpart Da: Standards of Performance for Electric Utility Steam Generating Units	<a href="#">Page 3</a>	
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Table 2c	40 CFR Part 60, Subpart Da: Standards of Performance for Electric Utility Steam Generating Units	<a href="#">Page 5</a>	
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Table 4a	40 CFR Part 60, Subpart Dc: Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units	<a href="#">Page 11</a>	
Table 4b	40 CFR Part 60, Subpart Dc: Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units	<a href="#">Page 12</a>	
Table 5a	30 TAC Chapter 117, Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas	<a href="#">Page 13</a>	Yes
Table 5b	30 TAC Chapter 117, Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas	<a href="#">Page 14</a>	Yes
Table 5c	30 TAC Chapter 117, Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas	<a href="#">Page 15</a>	Yes
Table 6a	30 TAC Chapter 117, Subchapter C: Combustion Control at Major Utility Electric Generation Sources in Ozone Nonattainment Areas	<a href="#">Page 16</a>	

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

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Table 10b	40 CFR Part 63, Subpart EEE: Hazardous Waste Combustors	<a href="#">Page 25</a>	
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Table 12	30 TAC Chapter 111, Subchapter A, Division 5: Emission Limits on Nonagricultural Processes	<a href="#">Page 27</a>	
Table 13a	40 CFR Part 63, Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units	<a href="#">Page 28</a>	
Table 13b	40 CFR Part 63, Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units	<a href="#">Page 29</a>	
Table 13c	40 CFR Part 63, Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units	<a href="#">Page 30</a>	
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Table 13g	40 CFR Part 63, Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units	<a href="#">Page 34</a>	
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Table 13i	40 CFR Part 63, Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units	<a href="#">Page 36</a>	

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

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**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA6**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

**Table 1a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart D: Standards of Performance for Fossil Fuel-Fired Steam Generators**

Unit ID No.	SOP Index No.	Construction/Modification Date	Covered Under Subpart D or KKKK	Changes to Existing Affected Facility	Heat Input Rate	Alternate 42C	PM CEMS	Opacity Monitoring	Gas/Liquid Fuel	Fuels with 0.33 % or Less Sulfur	Specific Site
EPN 189	60D	71-76	NO	NO	250-						

[Go to the Table of Contents](#)

**Boiler/Steam Generator/Steam Generating Unit Attributes  
Form OP-UA6  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**Table 5a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)  
Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas**

Unit ID No.	SOP Index No.	Unit Type	MRC	RACT Date Placed in Service	Functionally Identical Replacement	Fuel Type	Fuel Type	Fuel Type	Annual Heat Input
EPN 189	R7201	ICIB	2-40			NG			

[Go to the Table of Contents](#)

**Boiler/Steam Generator/Steam Generating Unit Attributes  
Form OP-UA6  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**Table 5b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)  
Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas**

Unit ID No.	SOP Index No.	NOX Emission Limitation	Opt-In Unit	23C-Option	Title 30 TAC Chapter 116 Permit Limit	EGF System Cap Unit	NOX Emission Limit Average	NOX Reduction	Common Stack Combined
EPN 189	R7201	410A					BLK1-LB	FRCFG	

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**Boiler/Steam Generator/Steam Generating Unit Attributes  
Form OP-UA6  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**Table 5c: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)  
Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas**

Unit ID No.	SOP Index No.	Fuel Type Heat Input	NOX Monitoring System	Fuel Flow Monitoring	CO Emission Limitation	CO Monitoring System	NH3 Emission Limitation	NH3 Emission Monitoring
EPN 189	R7201		MERT	X40A	410C	OTHER		

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**Process Heater/Furnace Attributes  
Form OP-UA5  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**General Information**

Requested Information	Response
<b>Date:</b>	04/26/2026
<b>Customer Reference No.:</b>	CN601173016
<b>Regulated Entity No.:</b>	RN100225291
<b>Permit No.:</b>	O1545
<b>Permit Area Name:</b>	Owens Corning Roofing & Asphalt, LLC - Irving, TX
<b>Permit Type:</b>	SOP
<b>Project Type:</b>	Renewal
<b>Submission Type:</b>	New Application
<b>Project Number (if available):</b>	
Form Information	TCEQ Entry Only
<b>Title V Form Release Date:</b>	05/2021
<b>Form Number:</b>	10025
<b>APD ID Number:</b>	39v1.0
<b>Version Revised Date:</b>	07/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

**Process Heater/Furnace Attributes  
Form OP-UA5  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

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N/A	N/A	<a href="#">OP-SUM Table 2</a>	
N/A	N/A	<a href="#">OP-REQ2</a>	Yes
Table 1a	30 TAC Chapter 117, Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas, Process Heaters	<a href="#">Page 1</a>	Yes
Table 1b	30 TAC Chapter 117, Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas, Process Heaters	<a href="#">Page 2</a>	Yes
Table 1c	30 TAC Chapter 117, Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas, Process Heaters	<a href="#">Page 3</a>	Yes
Table 2	30 TAC Chapter 112, Control of Air Pollution from Sulfur Compounds	<a href="#">Page 4</a>	
Table 3a	30 TAC Chapter 117, Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas, Furnaces	<a href="#">Page 5</a>	
Table 3b	30 TAC Chapter 117, Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas, Furnaces	<a href="#">Page 6</a>	
Table 4	30 TAC Chapter 111, Subchapter A, Division 2: Incineration	<a href="#">Page 7</a>	
Table 5a	40 CFR Part 63, Subpart EEE: Hazardous Waste Combustors	<a href="#">Page 8</a>	
Table 5b	40 CFR Part 63, Subpart EEE: Hazardous Waste Combustors	<a href="#">Page 9</a>	
Table 6a	40 CFR Part 63, Subchapter DDDDD: Industrial, Commercial, and Institutional Process Heaters	<a href="#">Page 10</a>	
Table 6b	40 CFR Part 63, Subchapter DDDDD: Industrial, Commercial, and Institutional Process Heaters	<a href="#">Page 11</a>	
Table 6c	40 CFR Part 63, Subchapter DDDDD: Industrial, Commercial, and Institutional Process Heaters	<a href="#">Page 12</a>	
Table 6d	40 CFR Part 63, Subchapter DDDDD: Industrial, Commercial, and Institutional Process Heaters	<a href="#">Page 13</a>	
Table 6e	40 CFR Part 63, Subchapter DDDDD: Industrial, Commercial, and Institutional Process Heaters	<a href="#">Page 14</a>	
Table 6f	40 CFR Part 63, Subchapter DDDDD: Industrial, Commercial, and Institutional Process Heaters	<a href="#">Page 15</a>	
Table 6g	40 CFR Part 63, Subchapter DDDDD: Industrial, Commercial, and Institutional Process Heaters	<a href="#">Page 16</a>	





**Process Heater/Furnace Attributes  
Form OP-UA5  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**Table 1a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)  
Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas, Process Heaters**

Unit ID No.	SOP/GOP Index No.	Unit Type	Maximum Rated Capacity	RACT Date Placed in Service	Functionally Identical Replacement	Fuel Type(s)	Fuel Type(s)	Fuel Type(s)	Annual Heat Input	NOx Emission Limitation	Opt-In Unit	23C-Option
EPN 16	R7201	PRHTR	5-40			NG				410A		

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**Process Heater/Furnace Attributes  
Form OP-UA5  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**Table 1b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)  
Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas, Process Heaters**

Unit ID No.	SOP/GOP Index No.	Diluent CEMS	30 TAC Chapter 116 Limit	NOx Emission Limit Basis	NOx Reduction	Common Stack Combined	Fuel Type Heat Input	NOx Monitoring System
EPN 16	R7201	NO		BLK1-LB	FRCFG			MERT

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**Process Heater/Furnace Attributes  
Form OP-UA5  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**Table 1c: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)  
Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas, Process Heaters**

Unit ID No.	SOP/GOP Index No.	Fuel Flow Monitoring	CO Emission Limitation	CO Monitoring System	NH3 Emission Limitation	NH3 Monitoring
EPN 16	R7201	X40A	410C	OTHER		

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**Loading/Unloading Operations Attributes  
Form OP-UA4  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**General Information**

Requested Information	Response
<b>Date:</b>	04/26/2026
<b>Customer Reference No.:</b>	CN601173016
<b>Regulated Entity No.:</b>	RN100225291
<b>Permit No.:</b>	O1545
<b>Permit Area Name:</b>	Owens Corning Roofing & Asphalt, LLC - Irving, TX
<b>Permit Type:</b>	SOP
<b>Project Type:</b>	Renewal
<b>Submission Type:</b>	New Application
<b>Project Number (if available):</b>	
Form Information	TCEQ Entry Only
<b>Title V Form Release Date:</b>	02/2025
<b>Form Number:</b>	10041
<b>APD ID Number:</b>	38v1.0
<b>Version Revised Date:</b>	07/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

**Loading/Unloading Operations Attributes  
Form OP-UA4  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

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N/A	N/A	<a href="#">OP-SUM Table 1</a>	Yes
N/A	N/A	<a href="#">OP-REQ2</a>	Yes
Table 1a	30 TAC Chapter 115, Subchapter C: Loading and Unloading of Volatile Organic Compounds	<a href="#">Page 1</a>	Yes
Table 1b	30 TAC Chapter 115, Subchapter C: Loading and Unloading of Volatile Organic Compounds	<a href="#">Page 2</a>	
Table 2	40 CFR Part 60, Subpart XX: Standards of Performance for Bulk Gasoline Terminals	<a href="#">Page 3</a>	
Table 3	40 CFR Part 63, Subpart R: National Emission Standards for Gasoline Distribution Facilities	<a href="#">Page 4</a>	
Table 4a	40 CFR Part 63, Subpart Y: National Emission Standards for Marine Vessel Loading Operations	<a href="#">Page 5</a>	
Table 4b	40 CFR Part 63, Subpart Y: National Emission Standards for Marine Vessel Loading Operations	<a href="#">Page 6</a>	
Table 5	40 CFR Part 61, Subpart BB: National Emission Standards for Benzene Emissions from Benzene Transfer Operations	<a href="#">Page 7</a>	
Table 6	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	<a href="#">Page 8</a>	
Table 7a	40 CFR Part 63, Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Transfer Operations	<a href="#">Page 9</a>	
Table 7b	40 CFR Part 63, Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Transfer Operations	<a href="#">Page 10</a>	
Table 7c	40 CFR Part 63, Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Transfer Operations	<a href="#">Page 11</a>	
Table 7d	40 CFR Part 63, Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Transfer Operations	<a href="#">Page 12</a>	
Table 7e	40 CFR Part 63, Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Transfer Operations	<a href="#">Page 13</a>	
Table 7f	40 CFR Part 63, Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Transfer Operations	<a href="#">Page 14</a>	
Table 8	40 CFR Part 63, Subpart CCCCCC: National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities	<a href="#">Page 15</a>	





**Loading/Unloading Operations Attributes  
Form OP-UA4  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**Table 1a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter C: Loading and Unloading of Volatile Organic Compounds**

Unit ID No.	SOP/GOP Index No.	Chapter 115 Facility Type	Alternate Control Requirement (ACR)	ACR ID No.	Product Transferred	Transfer Type	True Vapor Pressure	Daily Through-put	Control Options
EPN 217	R5211	OTHER	NONE		VOC1	LOAD	0.5-		
EPN 218	R5211	OTHER	NONE		VOC1	LOAD	0.5-		
EPN 219	R5211	OTHER	NONE		VOC1	LOAD	0.5-		
EPN 273	R5211	OTHER	NONE		VOC1	LOAD	0.5-		

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**Storage Tank/Vessel Attributes  
Form OP-UA3  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**General Information**

Requested Information	Response
<b>Date:</b>	04/26/2026
<b>Customer Reference No.:</b>	CN601173016
<b>Regulated Entity No.:</b>	RN100225291
<b>Permit No.:</b>	O1545
<b>Permit Area Name:</b>	Owens Corning Roofing & Asphalt, LLC - Irving, TX
<b>Permit Type:</b>	SOP
<b>Project Type:</b>	Renewal
<b>Submission Type:</b>	New Application
<b>Project Number (if available):</b>	
Form Information	TCEQ Entry Only
<b>Title V Form Release Date:</b>	10/2025
<b>Form Number:</b>	10008
<b>APD ID Number:</b>	37v2.0
<b>Version Revised Date:</b>	10/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

**Storage Tank/Vessel Attributes  
Form OP-UA3  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

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<b>Table</b>	<b>Regulation</b>	<b>Page</b>	<b>Data Submitted</b>
N/A	N/A	<a href="#">OP-SUM Table 1</a>	Yes
N/A	N/A	<a href="#">OP-REQ2</a>	Yes
Table 1	40 CFR Part 60, Subpart K: Standards of Performance for Storage Vessels for Petroleum Liquids	<a href="#">Page 1</a>	Yes
Table 2	40 CFR Part 60, Subpart Ka: Standards of Performance for Storage Vessels for Petroleum Liquids	<a href="#">Page 2</a>	Yes
Table 3	40 CFR Part 60, Subpart Kb: Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels)	<a href="#">Page 3</a>	Yes
Table 4a	30 TAC Chapter 115, Subchapter B: Storage of Volatile Organic Compounds (VOCs)	<a href="#">Page 4</a>	Yes
Table 4b	30 TAC Chapter 115, Subchapter B: Storage of Volatile Organic Compounds (VOCs)	<a href="#">Page 5</a>	Yes
Table 5	40 CFR Part 63, Subpart R: National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)	<a href="#">Page 6</a>	
Table 6	40 CFR Part 61, Subpart Y: National Emission Standards for Benzene Emissions from Benzene Storage Vessels	<a href="#">Page 7</a>	
Table 7	40 CFR Part 63, Subpart OO: National Emission Standards for Tanks - Level 1	<a href="#">Page 8</a>	
Table 8a	40 CFR Part 63, Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations	<a href="#">Page 9</a>	
Table 8b	40 CFR Part 63, Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations	<a href="#">Page 10</a>	
Table 8c	40 CFR Part 63, Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations	<a href="#">Page 11</a>	
Table 8d	40 CFR Part 63, Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations	<a href="#">Page 12</a>	
Table 9a	40 CFR Part 63, Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Storage Vessels	<a href="#">Page 13</a>	
Table 9b	40 CFR Part 63, Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Storage Vessels	<a href="#">Page 14</a>	
Table 10a	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	<a href="#">Page 15</a>	



**Storage Tank/Vessel Attributes  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations**

Unit AI	Revision No.	Unit ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		TANK 101	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		TANK 201	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		TANK 301	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		TANK 0	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		TANK 1	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		TANK 2	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		TANK 3	40 CFR Part 60, Subpart K	§60.113(d)(1)	Vapor pressure of stored VOC is less than 1 psia
		TANK 4	40 CFR Part 60, Subpart K	§60.113(d)(1)	Vapor pressure of stored VOC is less than 1 psia
		TANK 5	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		TANK 6	40 CFR Part 60, Subpart Ka	§60.115a(d)(1)	Vapor pressure of stored VOC is less than 1 psia
		TANK 13	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		TANK 14	40 CFR Part 60, Subpart K	§60.113(d)(1)	Vapor pressure of stored VOC is less than 1 psia
D	7	TANK 15	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		TANK 16	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		TANK 17	40 CFR Part 60, Subpart K	§60.113(d)(1)	Vapor pressure of stored VOC is less than 1 psia
		TANK 18	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		TANK 19	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		TANK 21	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		EPN 258	40 CFR Part 60, Subpart Ka	§60.115a(d)(1)	Vapor pressure of stored VOC is less than 1 psia

**Storage Tank/Vessel Attributes  
Form OP-UA3  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**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**

Unit ID No.	SOP/GOP Index No.	Construction/Modification Date	Storage Capacity	Product Stored	True Vapor Pressure	Storage Vessel Description	Reid Vapor Pressure	Maximum TVP	Estimated TVP	Control Device ID No.
TANK 3	60K	74-78	65K+	PTLQ-1	1.5-	NONE1	OTH1-	1-		
TANK 4	60K	74-78	65K+	PTLQ-1	1.5-	NONE1	OTH1-	1-		
TANK 14	60K	74-78	65K+	PTLQ-1	1.5-	NONE1	OTH1-	1-		
TANK 17	60K	74-78	65K+	PTLQ-1	1.5-	NONE1	OTH1-	1-		

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**Storage Tank/Vessel Attributes  
Form OP-UA3  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**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**

Unit ID No.	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.
TANK 6	60Ka	PTLQ-2	40K-							
EPN 258	60Ka	PTLQ-2	40K-							

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**Storage Tank/Vessel Attributes  
Form OP-UA3  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**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)**

Unit ID No.	SOP/GOP Index No.	Product Stored	Storage Capacity	WW Tank Control	Maximum TVP	Storage Vessel Description	AMEL ID No.	Guidepole	Reid Vapor Pressure	Control Device ID No.
TANK 101	60Kb	VOL	10K-20K							
TANK 201	60Kb	VOL	10K-20K							
TANK 301	60Kb	VOL	10K-20K							
TANK 0	60Kb	VOL	40K+	NONE	0.5-					
TANK 1	60Kb	VOL	40K+	NONE	0.5-					
TANK 2	60Kb	VOL	40K+	NONE	0.5-					
TANK 5	60Kb	VOL	40K+	NONE	0.5-					
TANK 13	60Kb	VOL	10K-20K							
TANK 16	60Kb	VOL	10K-20K							
TANK 18	60Kb	VOL	20K-40K	NONE	2.2-					
TANK 19	60Kb	VOL	10K-							
TANK 21	60Kb	VOL	10K-							

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**Storage Tank/Vessel Attributes  
Form OP-UA3  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**Table 4a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter B: Storage of Volatile Organic Compounds (VOCs)**

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
TANK 101	R5112	NO		VOC1	A1K-25K			
TANK 201	R5112	NO		VOC1	A1K-25K			
TANK 301	R5112	NO		VOC1	A1K-25K			
TANK 0	R5112	NO		VOC1	A40K+			
TANK 1	R5112	NO		VOC1	A40K+			
TANK 2	R5112	NO		VOC1	A40K+			
TANK 3	R5112	NO		VOC1	A40K+			
TANK 4	R5112	NO		VOC1	A40K+			
TANK 5	R5112	NO		VOC1	A40K+			
TANK 6	R5112	NO		VOC1	A25K-40K			
TANK 13	R5112	NO		VOC1	A1K-25K			
TANK 14	R5112	NO		VOC1	A40K+			
TANK 15	R5112	NO		VOC1	A40K+			
TANK 16	R5112	NO		VOC1	A1K-25K			
TANK 17	R5112	NO		VOC1	A40K+			
TANK 18	R5112	NO		VOC1	A1K-25K			
TANK 19	R5112	NO		VOC1	A1K-25K			
TANK 21	R5112	NO		VOC1	A1K-25K			
EPN 258	R5112	NO		VOC1	A1K-25K			

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**Storage Tank/Vessel Attributes  
Form OP-UA3  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**Table 4b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter B: Storage of Volatile Organic Compounds (VOCs)**

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.
TANK 101	R5112		NONE1	1-				EPN 320
TANK 201	R5112		NONE1	1-				EPN 320
TANK 301	R5112		NONE1	1-				EPN 320
TANK 0	R5112		NONE1	1-				EPN 3
TANK 1	R5112		NONE1	1-				EPN 3
TANK 2	R5112		NONE1	1-				EPN 3
TANK 3	R5112		NONE1	1-				EPN 3
TANK 4	R5112		NONE1	1-				EPN 3
TANK 5	R5112		NONE1	1-				EPN 3
TANK 6	R5112		NONE1	1-				EPN 3
TANK 13	R5112		NONE1	1-				EPN 3
TANK 14	R5112		NONE1	1-				EPN 3
TANK 15	R5112		NONE1	1-				EPN 3
TANK 16	R5112		NONE1	1-				EPN 3
TANK 17	R5112		NONE1	1-				EPN 3
TANK 18	R5112		NONE1	1-				EPN 3
TANK 19	R5112		NONE1	1-				EPN 3
TANK 21	R5112		NONE1	1-				EPN 3
EPN 258	R5112		NONE1	1-				

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**Asphalt Operations Attributes  
Form OP-UA20  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**General Information**

Requested Information	Response
<b>Date:</b>	04/26/2026
<b>Customer Reference No.:</b>	CN601173016
<b>Regulated Entity No.:</b>	RN100225291
<b>Permit No.:</b>	O1545
<b>Permit Area Name:</b>	Owens Corning Roofing & Asphalt, LLC - Irving, TX
<b>Permit Type:</b>	SOP
<b>Project Type:</b>	Renewal
<b>Submission Type:</b>	New Application
<b>Project Number (if available):</b>	
Form Information	TCEQ Entry Only
<b>Title V Form Release Date:</b>	11/2023
<b>Form Number:</b>	10031
<b>APD ID Number:</b>	55v1.0
<b>Version Revised Date:</b>	07/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

**Asphalt Operations Attributes  
Form OP-UA20  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

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N/A	N/A	<a href="#">OP-SUM Table 1</a>	Yes
N/A	N/A	<a href="#">OP-REQ2</a>	Yes
Table 1	30 TAC Chapter 115, Subchapter F, Division 1: Cutback Asphalt	<a href="#">Page 1</a>	
Table 2	40 CFR Part 60, Subpart I: Standards of Performance for Hot Mix Asphalt Facilities	<a href="#">Page 2</a>	
Table 3a	40 CFR Part 60, Subpart UU: Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture	<a href="#">Page 3</a>	Yes
Table 3b	40 CFR Part 60, Subpart UU: Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture	<a href="#">Page 4</a>	Yes
Table 3c	40 CFR Part 60, Subpart UU: Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture	<a href="#">Page 5</a>	Yes

**Asphalt Operations Attributes  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**Form OP-SUM - Individual Unit Summary  
Table 1**

Unit AI	Revision No.	Process ID No.	Group ID No.	Process Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		TANK 101		Bulk Sealant Tank (Tank 101)			NSR Permit	81011		
		TANK 201		Bulk Sealant Tank (Tank 201)			NSR Permit	81011		
		TANK 301		Bulk Adhesive Tank (Tank 301)			NSR Permit	81011		
		TANK 0		Tank 0			NSR Permit	81011		
		TANK 1		Tank 1			NSR Permit	81011		
		TANK 1		Tank 1		A	PBR	164156	106.264	09/04/2000
		TANK 2		Tank 2			NSR Permit	81011		
		TANK 2		Tank 2		A	PBR	168657	106.264	09/04/2000
		TANK 3		Tank 3			NSR Permit	81011		
		TANK 4		Tank 4			NSR Permit	81011		
		TANK 5		Tank 5			NSR Permit	81011		
		TANK 6		Tank 6			NSR Permit	81011		
		TANK 13		Tank 13			NSR Permit	81011		
		TANK 14		Tank 14			NSR Permit	81011		
		TANK 15		Tank 15			NSR Permit	81011		
		TANK 15		Tank 15		A	PBR	182523	106.264	09/04/2000
		TANK 16		Tank 16			NSR Permit	81011		
		TANK 17		Tank 17			NSR Permit	81011		
		TANK 18		Tank 18			NSR Permit	81011		
		CONV 2		Converter 2			NSR Permit	81011		
		CONV 3		Converter 3			NSR Permit	81011		
		CONV 4		Converter 4			NSR Permit	81011		
		EPN 4		3-Tab Line Filler Storage Silo Dust Collector			NSR Permit	81011		
		EPN 6		3-Tab Line Filler Heater and Lower Surge Hopper DC			NSR Permit	81011		

**Asphalt Operations Attributes  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**Form OP-SUM - Individual Unit Summary  
Table 1**

Unit AI	Revision No.	Process ID No.	Group ID No.	Process Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		EPN 10		Lam Line Sand Storage Silo Dust Collector			NSR Permit	81011		
		EPN 323		Lam Line Filler Upper Surge Hopper Dust Collector			NSR Permit	81011		
		EPN 326		Lam Line Filler Storage Silo Dust Collector			NSR Permit	81011		
		EPN 327		Lam Line Filler Heater and Lower Surge Hopper DC			NSR Permit	81011		
		EPN 330		3-Tab Line Surfacing Materials Silo and Unloading			NSR Permit	81011		
		EPN 331		Lam Line Surfacing Materials Silo and Unloading			NSR Permit	81011		
		EPN 320		3-Tab Line Regenerative Thermal Oxidizer Stack			NSR Permit	81011		
		EPN 325		Lam Line Regenerative Thermal Oxidizer Stack			NSR Permit	81011		
		EPN 400		Sealant Filler Hopper Dust Collector			NSR Permit	81011		
		EPN 401		Adhesive Filler Hopper Dust Collector			NSR Permit	81011		
		EPN UNLOAD		Railcar/Truck Granule Unloading Fugitives			NSR Permit	81011		
		EPN BIN		3-Tab Line Mix Skid Dust Collector			PBR	131555	106.261	11/01/2003
		FIN 1004		3-Tab Line Coater			NSR Permit	81011		
		FIN 1012		Lam Line Coater			NSR Permit	81011		
D	4	FIN 1016		Material Handling			PBR	164496	106.261	11/01/2003



**Asphalt Operations Attributes  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations**

<b>Unit AI</b>	<b>Revision No.</b>	<b>Process ID No.</b>	<b>Potentially Applicable Regulatory Name</b>	<b>Negative Applicability/Superseded Requirement Citation</b>	<b>Negative Applicability/Superseded Requirement Reason</b>
D	5	TANK 1	40 CFR Part 60, Subpart UU	§60.470(b)	Installed prior to Nov 18, 1980
D	6	TANK 2	40 CFR Part 60, Subpart UU	§60.470(b)	Installed prior to Nov 18, 1980
		TANK 3	40 CFR Part 60, Subpart UU	§60.470(b)	Installed prior to Nov 18, 1980
		TANK 4	40 CFR Part 60, Subpart UU	§60.470(b)	Installed prior to Nov 18, 1980
		TANK 6	40 CFR Part 60, Subpart UU	§60.470(b)	Installed prior to Nov 18, 1980
		TANK 14	40 CFR Part 60, Subpart UU	§60.470(b)	Installed prior to Nov 18, 1980
D	7	TANK 15	40 CFR Part 60, Subpart UU	§60.470(b)	Installed prior to Nov 18, 1980
		CONV 3	40 CFR Part 60, Subpart UU	§60.470(b)	Installed prior to Nov 18, 1980
		EPN 6	40 CFR Part 60, Subpart UU	§60.471	Material handling only includes unloading from a carrier, conveyor transfer points between the carrier and the storage silos, and the storage silos. Vents which have emissions from material handling are not included.
		EPN 323	40 CFR Part 60, Subpart UU	§60.471	Material handling only includes unloading from a carrier, conveyor transfer points between the carrier and the storage silos, and the storage silos. Vents which have emissions from material handling are not included.
		EPN 327	40 CFR Part 60, Subpart UU	§60.471	Material handling only includes unloading from a carrier, conveyor transfer points between the carrier and the storage silos, and the storage silos. Vents which have emissions from material handling are not included.
		EPN 400	40 CFR Part 60, Subpart UU	§60.471	Material handling only includes unloading from a carrier, conveyor transfer points between the carrier and the storage silos, and the storage silos. Vents which have emissions from material handling are not included.
		EPN 401	40 CFR Part 60, Subpart UU	§60.471	Material handling only includes unloading from a carrier, conveyor transfer points between the carrier and the storage silos, and the storage silos. Vents which have emissions from material handling are not included.

**Asphalt Operations Attributes  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations**

Unit AI	Revision No.	Process ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		EPN BIN	40 CFR Part 60, Subpart UU	§60.471	Material handling only includes unloading from a carrier, conveyor transfer points between the carrier and the storage silos, and the storage silos. Vents which have emissions from material handling are not included.
D	4	FIN 1016	40 CFR Part 60, Subpart UU	§60.471	Material handling only includes unloading from a carrier, conveyor transfer points between the carrier and the storage silos, and the storage silos. Vents which have emissions from material handling are not included.

**Asphalt Operations Attributes  
Form OP-UA20  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**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**

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
TANK 101	60UU	ASRP	80+	NO				
TANK 201	60UU	ASRP	80+	NO				
TANK 301	60UU	ASRP	80+	NO				
TANK 0	60UU	ASPP	80+	NO				
TANK 1	60UU	ASPP	80+	NO				
TANK 2	60UU	ASPP	80+	NO				
TANK 3	60UU	ASPP	80-	NO				
TANK 4	60UU	ASPP	80-	NO				
TANK 5	60UU	ASPP	80+	NO				
TANK 6	60UU	ASPP	80-	NO				
TANK 13	60UU	ASPP	80+	NO				
TANK 14	60UU	ASPP	80-	NO				
TANK 15	60UU	ASPP	80+	NO				
TANK 16	60UU	ASPP	80+	NO				
TANK 17	60UU	ASPP	80-	NO				
TANK 18	60UU	ASPP	80+	NO				
CONV 2	60UU	ASPP	80+	NO				
CONV 3	60UU	ASPP	80-	NO				
CONV 4	60UU	ASPP	80+	NO				
CONV 5	60UU	ASPP	80+	NO				
EPN 4	60UU	ASRP	80+	NO				
EPN 6	60UU	ASRP	80+	NO				
EPN 10	60UU	ASRP	80+	NO				
EPN 323	60UU	ASRP	80+	NO				
EPN 326	60UU	ASRP	80+	NO				
EPN 327	60UU	ASRP	80+	NO				
EPN 330	60UU	ASRP	80+	NO				
EPN 331	60UU	ASRP	80+	NO				
EPN 320	60UU	ASRP	80+	NO				
EPN 325	60UU	ASRP	80+	NO				

**Asphalt Operations Attributes  
Form OP-UA20  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**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**

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 400	60UU	ASRP	80+	NO				
EPN 401	60UU	ASRP	80+	NO				
EPN UNLOAD	60UU	ASRP	80+	NO				
EPN BIN	60UU	ASRP	80+	NO				
FIN 1004	60UU	ASRP	80+	YES	AS	OTHER	EPN 320	C80+
FIN 1012	60UU	ASRP	80+	YES	AS	OTHER	EPN 325	C80+

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**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**

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
TANK 101	60UU	NO							
TANK 201	60UU	NO							
TANK 301	60UU	NO							
TANK 0	60UU	NO							
TANK 1	60UU	NO							
TANK 2	60UU	NO							
TANK 3	60UU	NO							
TANK 4	60UU	NO							
TANK 5	60UU	NO							
TANK 6	60UU	NO							
TANK 13	60UU	NO							
TANK 14	60UU	NO							
TANK 15	60UU	NO							
TANK 16	60UU	NO							
TANK 17	60UU	NO							
TANK 18	60UU	NO							
CONV 2	60UU	YES	OTHER	AFB	EPN 3	81+	YES	OTHER	NO
CONV 3	60UU	YES	OTHER	AFB	EPN 3	81-	YES	OTHER	NO
CONV 4	60UU	YES	OTHER	AFB	EPN 3	81+	YES	OTHER	NO
CONV 5	60UU	YES	OTHER	AFB	EPN 3	81+	YES	OTHER	NO
EPN 4	60UU	NO							
EPN 6	60UU	NO							
EPN 10	60UU	NO							
EPN 323	60UU	NO							
EPN 326	60UU	NO							
EPN 327	60UU	NO							
EPN 330	60UU	NO							
EPN 331	60UU	NO							
EPN 400	60UU	NO							
EPN 401	60UU	NO							

**Asphalt Operations Attributes  
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Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**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**

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
EPN UNLOAD	60UU	NO							
EPN BIN	60UU	NO							
FIN 1004	60UU	NO							
FIN 1012	60UU	NO							

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**Asphalt Operations Attributes  
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Federal Operating Permit Program  
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**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**

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.
TANK 101	60UU	YES	OTHER	AFB	EPN 320	81+	NO		
TANK 201	60UU	YES	OTHER	AFB	EPN 320	81+	NO		
TANK 301	60UU	YES	OTHER	AFB	EPN 320	81+	NO		
TANK 0	60UU	YES	OTHER	AFB	EPN 3	81+	NO		
TANK 1	60UU	YES	OTHER	AFB	EPN 3	81+	NO		
TANK 2	60UU	YES	OTHER	AFB	EPN 3	81+	NO		
TANK 3	60UU	YES	OTHER	AFB	EPN 3	81-	NO		
TANK 4	60UU	YES	OTHER	AFB	EPN 3	81-	NO		
TANK 5	60UU	YES	OTHER	AFB	EPN 3	81+	NO		
TANK 6	60UU	YES	OTHER	AFB	EPN 3	81-	NO		
TANK 13	60UU	YES	OTHER	AFB	EPN 3	81+	NO		
TANK 14	60UU	YES	OTHER	AFB	EPN 3	81-	NO		
TANK 15	60UU	YES	OTHER	AFB	EPN 3	81-	NO		
TANK 16	60UU	YES	OTHER	AFB	EPN 3	81+	NO		
TANK 17	60UU	YES	OTHER	AFB	EPN 3	81-	NO		
TANK 18	60UU	YES	OTHER	AFB	EPN 3	81+	NO		
CONV 2	60UU	NO					NO		
CONV 3	60UU	NO					NO		
CONV 4	60UU	NO					NO		
CONV 5	60UU	NO					NO		
EPN 4	60UU	NO					YES	OTHER	EPN 4
EPN 6	60UU	NO					NO		
EPN 10	60UU	NO					YES	OTHER	EPN 10
EPN 323	60UU	NO					NO		
EPN 326	60UU	NO					YES	OTHER	EPN 326
EPN 327	60UU	NO					NO		
EPN 330	60UU	NO					YES		
EPN 331	60UU	NO					YES		
EPN 400	60UU	NO					NO		
EPN 401	60UU	NO					NO		

**Asphalt Operations Attributes  
Form OP-UA20  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**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**

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 UNLOAD	60UU	NO					YES		
EPN BIN	60UU	NO					NO		
FIN 1004	60UU	NO					NO		
FIN 1012	60UU	NO					NO		

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**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes  
Form OP-UA15  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**General Information**

Requested Information	Response
<b>Date:</b>	04/26/2026
<b>Customer Reference No.:</b>	CN601173016
<b>Regulated Entity No.:</b>	RN100225291
<b>Permit No.:</b>	O1545
<b>Permit Area Name:</b>	Owens Corning Roofing & Asphalt, LLC - Irving, TX
<b>Permit Type:</b>	SOP
<b>Project Type:</b>	Renewal
<b>Submission Type:</b>	New Application
<b>Project Number (if available):</b>	
Form Information	TCEQ Entry Only
<b>Title V Form Release Date:</b>	11/2022
<b>Form Number:</b>	10046
<b>APD ID Number:</b>	50v2.0
<b>Version Revised Date:</b>	10/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
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N/A	N/A	<a href="#">OP-REQ2</a>	Yes
Table 1a	30 TAC Chapter 111, Subchapter A: Visible Emissions	<a href="#">Page 1</a>	Yes
Table 1b	30 TAC Chapter 111, Subchapter A: Visible Emissions	<a href="#">Page 2</a>	
Table 2a	30 TAC Chapter 115, Subchapter B: Vent Gas Control	<a href="#">Page 3</a>	Yes
Table 2b	30 TAC Chapter 115, Subchapter B: Vent Gas Control	<a href="#">Page 4</a>	
Table 2c	30 TAC Chapter 115, Subchapter B: Vent Gas Control	<a href="#">Page 5</a>	
Table 3a	30 TAC Chapter 119, Control of Air Pollution from Carbon Monoxide	<a href="#">Page 6</a>	
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Table 10c	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Continuous Process Vents	<a href="#">Page 25</a>	
Table 10d	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Continuous Process Vents	<a href="#">Page 26</a>	
Table 11a	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Batch and Aggregate Batch Process Vents	<a href="#">Page 27</a>	
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Table 11c	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Batch and Aggregate Batch Process Vents	<a href="#">Page 29</a>	
Table 12a	30 TAC Chapter 115, Subchapter H, Division 1: Highly-Reactive Volatile Organic Compounds-Vent Gas Control	<a href="#">Page 30</a>	
Table 12b	30 TAC Chapter 115, Subchapter H, Division 1: Highly-Reactive Volatile Organic Compounds-Vent Gas Control	<a href="#">Page 31</a>	

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Table 15	30 TAC Chapter 111, Subchapter A, Division 5: Emission Limits on Nonagricultural Processes	<a href="#">Page 40</a>	Yes
Table 16a	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	<a href="#">Page 41</a>	
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**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes  
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**Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations**

Unit AI	Revision No.	Emission Point ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		EPN 3	30 TAC Chapter 117, Subchapter B	§117.403(a)(3)	Incinerator has a maximum rated capacity equal to or less than 40 MMBtu/hr
		EPN 3	40 CFR Part 63, Subpart AAAAAAA	§63.11559(b)(1),(2)	The incinerator is not an affected source as defined in paragraphs (b)(1) and (b)(2) as it is not a blowing still or coating equipment.
		EPN 320	30 TAC Chapter 117, Subchapter B	§117.403(a)(3)	RTO has a maximum rated capacity equal to or less than 40 MMBtu/hr
		EPN 320	40 CFR Part 63, Subpart AAAAAAA	§63.11559(b)(1),(2)	The RTO is not an affected source as defined in paragraphs (b)(1) and (b)(2) as it is not a blowing still or coating equipment.
		EPN 325	30 TAC Chapter 117, Subchapter B	§117.403(a)(3)	RTO has a maximum rated capacity equal to or less than 40 MMBtu/hr
		EPN 325	40 CFR Part 63, Subpart AAAAAAA	§63.11559(b)(1),(2)	The RTO is not an affected source as defined in paragraphs (b)(1) and (b)(2) as it is not a blowing still or coating equipment.
		EPN 312	30 TAC Chapter 115, Vent Gas Controls	§115.127(a)(7)	Combustion unit exhaust not used as control
		EPN 312	30 TAC Chapter 117, Subchapter B	§117.403(a)(3)	Process heater has a maximum rated capacity equal to or less than 5 MMBtu/hr
		EPN 189	30 TAC Chapter 115, Vent Gas Controls	§115.127(a)(7)	Combustion unit exhaust not used as control
		EPN 273	30 TAC Chapter 115, Vent Gas Controls	§115.127(a)(6)	Vent gas stream is subject to 30 TAC 115 Subchapter C Division 1

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
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**Table 1a: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)**  
**Subchapter A: Visible Emissions**

<b>Emission Point ID No.</b>	<b>SOP/GOP Index No.</b>	<b>Alternate Opacity Limitation</b>	<b>AOL ID No.</b>	<b>Vent Source</b>	<b>Opacity Monitoring System</b>	<b>Construction Date</b>	<b>Effluent Flow Rate</b>
EPN 321	R1111	NO		OTHER	NONE	72+	100+
EPN 322	R1111	NO		OTHER	NONE	72+	100+

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**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
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**Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter B: Vent Gas Control**

<b>Emission Point ID No.</b>	<b>SOP/GOP Index No.</b>	<b>Chapter 115 Division</b>	<b>Combustion Exhaust</b>	<b>Vent Type</b>	<b>Total Uncontrolled VOC Weight</b>	<b>Combined 24-Hour VOC Weight</b>	<b>VOC Concentration</b>	<b>VOC Concentration or Emission Rate at Maximum Operating Conditions</b>
EPN 3	R5121	NO	NO	REGVAPPL		100-	612-	YES
EPN 23	R5121	NO	NO	REGVAPPL		100-	612-	YES
EPN 24	R5121	NO	NO	REGVAPPL		100-	612-	YES
EPN 320	R5121	NO	NO	REGVAPPL		100+	612-	YES
EPN 321	R5121	NO	NO	REGVAPPL		100-	612-	YES
EPN 322	R5121	NO	NO	REGVAPPL		100-	612-	YES
EPN 325	R5121	NO	NO	REGVAPPL		100+	612-	YES

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**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
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**Table 15: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)**  
**Subchapter A, Division 5: Emission Limits on Nonagricultural Processes**

Emission Point ID No.	SOP Index No.	Effective Stack Height
EPN 312	R1151	YES
EPN 328	R1151	YES
EPN 330	R1151	YES
EPN 331	R1151	YES

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**Miscellaneous and Generic Unit Attributes  
Form OP-UA1  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**General Information**

Requested Information	Response
<b>Date:</b>	04/26/2026
<b>Customer Reference No.:</b>	CN601173016
<b>Regulated Entity No.:</b>	RN100225291
<b>Permit No.:</b>	O1545
<b>Permit Area Name:</b>	Owens Corning Roofing & Asphalt. LLC - Irving, TX
<b>Permit Type:</b>	SOP
<b>Project Type:</b>	Renewal
<b>Submission Type:</b>	New Application
<b>Project Number (if available):</b>	
Form Information	TCEQ Entry Only
<b>Title V Form Release Date:</b>	10/1998
<b>Form Number:</b>	10044
<b>APD ID Number:</b>	35v1.0
<b>Version Revised Date:</b>	07/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

**Miscellaneous and Generic Unit Attributes  
Form OP-UA1  
Federal Operating Permit Program  
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N/A	N/A	<a href="#">OP-SUM Table 1</a>	Yes
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Table 1	N/A	<a href="#">Page 1</a>	Yes





**Miscellaneous and Generic Unit Attributes  
Form OP-UA1  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**Table 1**

<b>Unit ID No.</b>	<b>SOP/GOP Index No.</b>	<b>Unit Type</b>	<b>Date Constructed/Placed in Service</b>	<b>Functionally Identical Replacement</b>	<b>Maximum Rated Capacity</b>	<b>Technical Information and Unit Description</b>
CONV 2	63AAAAAAA	EU	FCD+			Converter
CONV 3	63AAAAAAA	EU	92-			Converter
CONV 4	63AAAAAAA	EU	92-			Converter
FIN 1004	63AAAAAAA	EU	92-			Coater
FIN 1012	63AAAAAAA	EU	92-			Coater
CONV 5	63AAAAAAA	EU	FCD+			Converter

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

<b>I. Identifying Information</b>
Account Number: DB-0632-E
Regulated Entity Number: RN 100225291
Customer Reference Number: CN 601173016
Permit Number: 01545
Area Name: Asphalt Processing and Asphalt Roofing Manufacturing
Company Name: Owens Corning Roofing & Asphalt, LCC - Irving, TX
<b>II. Duly Authorized Representative Information</b>
Action Type: <input checked="" type="checkbox"/> New DAR Identification <input type="checkbox"/> Administrative Information Change
Conventional Title: <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.
Name (Driver License/STEERS): Joseph Netter
Title: Site Leader
Delegation Effective Date: 6/16/25
Telephone Number: 469-359-5935
Fax Number: 972-438-1659
Company Name: Owens Corning Roofing & Asphalt, LLC - Irving, TX
Mailing Address: 201 North Nursery Rd
City: Irving
State: TX
ZIP Code: 75061
Email Address: joseph.netter@owenscorning.com

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

**III. Certification of Truth, Accuracy, and Completeness**

I, Steven Cowan

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

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

Responsible Official Signature: Cowan, Steven

Digitally signed by Cowan, Steven  
Date: 2025.12.10 17:11:36 -05'00'

Date: 12/10/25

Duly Authorized Representative Signature: Netter, Joseph

Digitally signed by Netter, Joseph  
Date: 2025.12.30 14:37:30 -06'00'

(Name(s) printed or typed) Joseph Netter

Date: 12/30/25

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

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

(Name(s) printed or typed) \_\_\_\_\_

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

Responsible Official Signature: \_\_\_\_\_

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

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

<b>V. Additional Identifying Information</b>
Account Number:
Regulated Entity Number: RN
Customer Reference Number: CN
Permit Number:
Area Name:
Account Number:
Regulated Entity Number: RN
Customer Reference Number: CN
Permit Number:
Area Name:
Account Number:
Regulated Entity Number: RN
Customer Reference Number: CN
Permit Number:
Area Name:
Account Number:
Responsible Official: RN
Customer Reference Number: CN
Permit Number:
Area Name:
Account Number:
Regulated Entity Number: RN
Customer Reference Number: CN
Permit Number:
Area Name:

**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.
April 26, 2026	O1545	RN100225291

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	1	CONV 5	OP-UA1, UA20	Converter 5		NSR-81011	
D	2	FIN 1014		Fluid Bed Dryer and Dust Collector		PBR-164496	
D	3	FIN 1015		Natural Gas Heater		PBR-164496	
D	4	FIN 1016		Material Handling		PBR-164496	

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

[Table 2](#)

Date	Permit No.	Regulated Entity No.
April 26, 2026	O1545	RN100225291

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
9	EPN 16	OP-UA5	D	GRP-BURNERS

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

**Table 1a: Additions**

<b>Date:</b> April 26, 2026	<b>Regulated Entity No.:</b> RN100225291	<b>Permit No.:</b> O1545
<b>Company Name:</b> Owens Corning Roofing & Asphalt, LLC	<b>Area Name:</b> Owens Corning Roofing & Asphalt, LLC – Irving, TX	

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	CONV 5	OP-UA20	60UU	PM	40 CFR Part 60, Subpart UU	§ 60.472(b)(1)
1	CONV 5	OP-UA20	60UU	PM (Opacity)	40 CFR Part 60, Subpart UU	§ 60.472(b)(5)
1	CONV 5	OP-UA1	63AAAAA AA	PM	40 CFR Part 63, Subpart AAAAAAA	§ 63.11561(a)-Table 1.1.b § 63.11561(a) § 63.11561(c) § 63.11563(i)
5	TANK 1	OP-UA20	60UU	PM (Opacity)	40 CFR Part 60, Subpart UU	§ 60.472(c)
6	TANK 2	OP-UA20	60UU	PM (Opacity)	40 CFR Part 60, Subpart UU	§ 60.472(c)
7	TANK 15	OP-UA20	60UU	PM (Opacity)	40 CFR Part 60, Subpart UU	§ 60.472(c)
7	TANK 15	OP-UA3	60Kc	VOC	40 CFR Part 60, Subpart Kc	§ 60.110c(f)
8	EPN 189	OP-UA6	R7201	NOx	30 TAC Chapter 117 Subchapter B, Division 4	§ 117.410(a)(1)(C)
8	EPN 189	OP-UA6	R7201	CO	30 TAC Chapter 117 Subchapter B, Division 4	§ 117.410(c)(1)(B)
9	EPN 16	OP-UA5	R7201	NOx	30 TAC Chapter 117 Subchapter B, Division 4	§ 117.410(a)(3)(B)

9	EPN 16	OP-UA5	R7201	CO	30 TAC Chapter 117 Subchapter B, Division 4	§ 117.410(c)(1)(B)
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**Applicable Requirements Summary  
Form OP-REQ3 (Page 2)  
Federal Operating Permit Program**

**Table 1b: Additions**

<b>Date:</b> April 26, 2026	<b>Regulated Entity No.:</b> RN100225291	<b>Permit No.:</b> O1545
<b>Company Name:</b> Owens Corning Roofing & Asphalt, LLC	<b>Area Name:</b> Owens Corning Roofing & Asphalt, LLC – Irving, TX	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
1	CONV 5	60UU	PM	§ 60.473(b) § 60.473(d) § 60.474(b) § 60.474(c)(1) § 60.474(c)(2) § 60.474(c)(4) § 60.474(e) § 60.474(f)	§ 60.473(b) § 60.473(d) § 60.474(e)	§ 60.473(d) § 60.474(e) § 60.474(f)
1	CONV 5	60UU	PM (Opacity)	§ 60.473(d) § 60.474(b) § 60.474(c)(5)	§ 60.473(d)	§ 60.473(d)

1	CONV 5	63AAAAAAA	PM	§ 63.11562(a) § 63.11562(d) § 63.11562(h) § 63.11562(i)(1) § 63.11562(i)(2) § 63.11562(i)(2)(i) § 63.11562(i)(3) § 63.11563(a) § 63.11563(a) -Table 4.1 § 63.11563(b) § 63.11563(c) § 63.11563(d) § 63.11563(i) § 63.11563(j) § 63.11563(k)	§ 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(c)(8)	§ 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)
5	TANK 1	60UU	PM (Opacity)	§ 60.473(d) § 60.474(b) § 60.474(c)(5)	§ 60.473(d)	§ 60.473(d)
6	TANK 2	60UU	PM (Opacity)	§ 60.473(d) § 60.474(b) § 60.474(c)(5)	§ 60.473(d)	§ 60.473(d)
7	TANK 15	60UU	PM (Opacity)	§ 60.473(d) § 60.474(b) § 60.474(c)(5)	§ 60.473(d)	§ 60.473(d)
7	TANK 15	60Kc	VOC	§ 60.113c(d)(1)	§ 60.115c(a) § 60.115c(b) § 60.115c(c)	N/A
8	EPN 189	R7201	NOx	§ 117.430(b)(2) § 117.440(a)(1)(A) § 117.440(j) § 117.440(k)(1) § 117.440(k)(2)	§ 117.445(f)(1) § 117.445(f)(8)	§ 117.445(b) § 117.445(c)

8	EPN 189	R7201	CO	§ 117.440(a)(1)(A) § 117.440(j) § 117.440(k)(1) § 117.440(k)(2)	§ 117.445(f)(1) § 117.445(f)(8)	§ 117.445(b) § 117.445(c)
9	EPN 16	R7201	NO <sub>x</sub>	§ 117.430(b)(2) § 117.440(a)(1)(B) § 117.440(j) § 117.440(k)(1) § 117.440(k)(2)	§ 117.445(f)(1) § 117.445(f)(8)	§ 117.445(b) § 117.445(c)
9	EPN 16	R7201	CO	§ 117.440(a)(1)(B) § 117.440(j) § 117.440(k)(1) § 117.440(k)(2)	§ 117.445(f)(1) § 117.445(f)(8)	§ 117.445(b) § 117.445(c)

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

**General Information**

Requested Information	Response
<b>Date:</b>	04/26/2026
<b>Customer Reference No.:</b>	CN601173016
<b>Regulated Entity No.:</b>	RN100225291
<b>Permit No.:</b>	O1545
<b>Permit Area Name:</b>	Owens Corning Roofing & Asphalt. LLC - Irving, TX
<b>Permit Type:</b>	SOP
<b>Project Type:</b>	Renewal
<b>Submission Type:</b>	New Application
<b>Project Number (if available):</b>	
Form Information	TCEQ Entry Only
<b>Title V Form Release Date:</b>	07/2025
<b>Form Number:</b>	10017
<b>APD ID Number:</b>	156v1.0
<b>Version Revised Date:</b>	07/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.





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

Date	Permit No.	Regulated Entity No.
4/26/2026	O1545	RN100225291

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

<b>I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter</b>		
<b>A. Visible Emissions</b>		
◆	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. 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

**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1 (Page 2)**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
4/26/2026	O1545	RN100225291

For SOP applications, answer ALL questions unless otherwise directed.

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

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

**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1 (Page 3)**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
4/26/2026	O1545	RN100225291

For SOP applications, answer ALL questions unless otherwise directed.

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

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

**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1 (Page 4)**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
4/26/2026	O1545	RN100225291

For SOP applications, answer ALL questions unless otherwise directed.

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

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

**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1 (Page 5)**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
4/26/2026	O1545	RN100225291

For SOP applications, answer ALL questions unless otherwise directed.

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

<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>		
<b>C. Industrial Wastewater</b>		
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
<b>D. Loading and Unloading of VOCs</b>		
◆ 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

**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1 (Page 6)**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
4/26/2026	O1545	RN100225291

For SOP applications, answer ALL questions unless otherwise directed.

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

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

**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1 (Page 7)**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
4/26/2026	O1545	RN100225291

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

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

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<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>		
<b>K. Cutback Asphalt</b>		
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 checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
3. Asphalt emulsion is used or produced within the application area.	<input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> No	
5. The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1).	<input type="checkbox"/> Yes <input type="checkbox"/> No	
6. The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
7. The applicant using cutback asphalt is a state, municipal, or county agency.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels</b>		
◆ 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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<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>		
<b>L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)</b>		
◆	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
<b>M. Petroleum Dry Cleaning Systems</b>		
1.	The application area contains one or more petroleum dry cleaning facilities that use petroleum-based solvents.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A

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<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>		
<b>N. Vent Gas Control (Highly Reactive Volatile Organic Compounds (HRVOC))</b>		
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 "Yes," go to Section III.O.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	The application area contains pressure relief valves that are not controlled by a flare.	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The application area has at least one vent stream which has no potential to emit HRVOC.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>O. Cooling Tower Heat Exchange Systems (HRVOC)</b>		
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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<b>IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds</b>		
<b>A. Applicability</b>		
◆	<p>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></p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<p>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></p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	<p>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></p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>B. Utility Electric Generation in Ozone Nonattainment Areas</b>		
	<p>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></p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	<p>2. The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

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

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

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

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

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

<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>	
<b>G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)</b>	
3. The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. The application area includes non-contact cooling water systems.	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. The application area includes individual drain systems. <i>If the response to Question VI.G.5 is "No," go to Section VI.H.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. The application area includes completely closed drain systems.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004</b>	
◆ 1. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. <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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<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>		
<b>H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004 (continued)</b>		
◆	5. The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. <i>If the response to Question VI.H.5 is "No," go to Question VI.H.7.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	6. All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	7. The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	8. All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001</b>		
◆	1. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "No," go to Question VI.I.4.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
◆	2. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>		
<b>I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)</b>		
◆	3. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	4. The application area includes at least one air curtain incinerator. <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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<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>		
<b>J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006</b>		
◆ 1.	The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator. <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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<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)</b>		
<b>J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)</b>		
◆	8. All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	9. The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	10. The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>K. Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution</b>		
◆	1. The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants</b>		
<b>A. Applicability</b>		
◆	1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts. <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>B. Subpart F - National Emission Standard for Vinyl Chloride</b>		
	1. The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>C. Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this section for GOP applications only)</b>		
◆	1. The application area includes equipment in benzene service.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

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<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>		
<b>D. Subpart L - National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants</b>		
1. The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b). <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	
<b>E. Subpart M - National Emission Standard for Asbestos</b>		
<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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- ◆ For SOP applications, answer ALL questions unless otherwise directed.
- ◆ For GOP applications, answer ONLY these questions unless otherwise directed.

<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>E. Subpart M - National Emission Standard for Asbestos (continued)</b>	
<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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<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>E. Subpart M - National Emission Standard for Asbestos (continued)</b>	
<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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<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>E. Subpart M - National Emission Standard for Asbestos (continued)</b>	
<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
<b>F. Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities</b>	
1. The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations</b>	
1. The application area is located at a benzene production facility and/or bulk terminal. <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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<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>		
<b>G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)</b>		
3.	The application area includes benzene transfer operations at railcar loading racks.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	The application area includes benzene transfer operations at tank-truck loading racks.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>H. Subpart FF - National Emission Standard for Benzene Waste Operations</b>		
<i>Applicability</i>		
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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<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)</b>	
<i>Applicability (continued)</i>	
6. The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. The application area has waste streams with flow-weighted annual average water content of 10% or greater.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>Waste Stream Exemptions</i>	
8. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw).	<input type="checkbox"/> Yes <input type="checkbox"/> No
9. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr.	<input type="checkbox"/> Yes <input type="checkbox"/> No
10. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr.	<input type="checkbox"/> Yes <input type="checkbox"/> No
11. The application area transfers waste off-site for treatment by another facility.	<input type="checkbox"/> Yes <input type="checkbox"/> No
12. The application area is complying with 40 CFR § 61.342(d).	<input type="checkbox"/> Yes <input type="checkbox"/> No
13. The application area is complying with 40 CFR § 61.342(e). <i>If the response to Question VII.H.13 is "No," go to Question VII.H.15.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
14. The application area has facility waste with a flow weighted annual average water content of less than 10%.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater</b>	
<i>Applicability</i>	
<p>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></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>2. The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>4. The application area includes vapor collection systems or closed-vent systems that are constructed of hard piping.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>Vapor Collection and Closed Vent Systems</i>	
<p>6. Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>7. Bypass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)</b>	
<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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)</b>	
<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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)</b>	
<i>Process Wastewater Streams (continued)</i>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)</b>	
<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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>C. Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)</b>	
<i>Drains (continued)</i>	
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
<i>Gas Streams</i>	
39. The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant.	<input type="checkbox"/> Yes <input type="checkbox"/> No
40. The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5).	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>D. Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks</b>	
1. The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>E. Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities</b>		
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	
<b>F. Subpart Q - National Emission Standards for Industrial Process Cooling Towers</b>		
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	
<b>G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)</b>		
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)</b>		
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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◆ For GOP applications, answer ONLY these questions unless otherwise directed.

<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry</b>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>I. Subpart T - National Emission Standards for Halogenated Solvent Cleaning</b>		
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	
<b>J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins</b>		
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)</b>		
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)</b>	
<i>Containers</i>	
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
<i>Drains</i>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)</b>	
<i>Drains (continued)</i>	
17. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> Yes <input type="checkbox"/> No
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>K. Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production</b>	
1. The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area. <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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>L. Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting</b>	
1. The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter. <i>If the response to Question VIII.L.1 is "No" or "N/A," go to Section VIII.M.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
2. The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>M. Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations</b>	
1. The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries</b>	
<i>Applicability</i>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)</b>	
<i>Applicability (continued)</i>	
<p>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></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>7. The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.  <i>If the response to Question VIII.N.7 is "No," go to Question VIII.N.13.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>8. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)</b>		
<i>Applicability (continued)</i>		
9.	The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "No," go to Question VIII.N.13.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.	The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>Containers, Drains, and other Appurtenances</i>		
11.	The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No
12.	The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No
13.	The application area includes Group 1 gasoline loading racks as specified in § 63.650(a).	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations</b>		
1.	The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). <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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)</b>		
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)</b>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>P. Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities</b>		
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	
<b>Q. Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.</b>		
◆ 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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)</b>	
<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 ft<sup>3</sup>) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day.</p> <p><i>For SOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.R.</i></p> <p><i>For GOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.Z.</i></p> <p><i>For all applications, if the response to Question VIII.Q.5 is "No," go to Question VIII.Q.9.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>R. Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)</b>	
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
<b>S. Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations</b>	
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
<b>T. Subpart KK - National Emission Standards for the Printing and Publishing Industry</b>	
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
<b>U. Subpart PP - National Emission Standards for Containers</b>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>U. Subpart PP - National Emission Standards for Containers (continued)</b>	
4. The application area includes containers using Container Level 3 controls.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>V. Subpart RR - National Emission Standards for Individual Drain Systems</b>	
1. The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards</b>	
1. The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process. <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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>		
7.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.W.8 and W.9 are both "No," go to Question VIII.W.11.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> Yes <input type="checkbox"/> No
11.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> Yes <input type="checkbox"/> No
12.	The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.W.12 is "No," go to Question VIII.W.15.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
13.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	<input type="checkbox"/> Yes <input type="checkbox"/> No
14.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
<p>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></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>		
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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◆ For GOP applications, answer ONLY these questions unless otherwise directed.

<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>		
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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◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>Y. Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.</b>		
1.	The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Z. Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.</b>		
◆ 1.	The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)</b>		
1.	The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.	The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	<input 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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)</b>		
5.	The application area includes process wastewater streams. <i>If the response to Question VIII.AA.5 is "No," go to Question VIII.AA.24.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The application area includes process wastewater streams, located at existing sources, that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The application area includes process wastewater streams, located at existing sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.	The application area includes process wastewater streams, located at new sources, that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.	The application area includes process wastewater streams, located at new sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.10 is "Yes," go to Question VIII.AA.24.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
11.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.11 is "No," go to Question VIII.AA.13.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
12.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> Yes <input type="checkbox"/> No
13.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)</b>		
14.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.AA.13 and VIII.AA.14 are both "No," go to Question VIII.AA.20.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
15.	Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). <i>If the response to Question VIII.AA.15 is "No," go to Question VIII.AA.17.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
16.	The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected.	<input type="checkbox"/> Yes <input type="checkbox"/> No
17.	Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite. <i>If the response to Question VIII.AA.17 is "No," go to Question VIII.AA.19.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
18.	The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit.	<input type="checkbox"/> Yes <input type="checkbox"/> No
19.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> Yes <input type="checkbox"/> No
20.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> Yes <input type="checkbox"/> No
21.	The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.AA.21 is "No," go to Question VIII.AA.24.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
22.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.</b>	
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
<b>CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation</b>	
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 remediations qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). <i>If the answer to Question VIII.CC.3 is "Yes," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. All site remediation activities are complete, and the Administrator has been notified in writing. <i>If the answer to Question VIII.CC.4 is "Yes," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. Prior to beginning site remediation activities, it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. <i>If the answer to Question VIII.CC.5 is "Yes," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. The site remediation will be completed within 30 consecutive calendar days.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. No site remediation will exceed 30 consecutive calendar days. <i>If the answer to Question VIII.CC.7 is "Yes," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
8. Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	<input type="checkbox"/> Yes <input type="checkbox"/> No
9. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. <i>If the answer to Question VIII.CC.9 is "Yes," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)</b>		
10.	The application area includes a remediation material management unit used for cleanup of radioactive mixed waste per § 63.7886(c).	<input type="checkbox"/> Yes <input type="checkbox"/> No
11.	The application area includes a remediation material management unit or combination of units with a total annual quantity of HAP less than 1 Mg/yr that is being exempted from § 63.7886(b) per § 63.7886(d).	<input type="checkbox"/> Yes <input type="checkbox"/> No
12.	The application area includes a remediation material management unit that has an average total VOHAP concentration of remediation material less than 500 ppmw and is complying with § 63.7886(b)(2). <i>If the response to Question VIII.CC.12 is "No," go to Question VIII.CC.14.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
13.	The application area includes a remediation material management unit that concentrates all or part of the material such that the material's VOHAP concentration could increase.	<input type="checkbox"/> Yes <input type="checkbox"/> No
14.	The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. <i>If the response to Question VIII.CC.14 is "No," go to Question VIII.CC.21.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
15.	The application area includes containers that are also subject to and complying with another subpart under 40 CFR part 61 or part 63 per § 63.7886(b)(3).	<input type="checkbox"/> Yes <input type="checkbox"/> No
16.	The application area includes containers that are complying with alternative work practice standards that have been approved by the EPA per § 63.7900(e).	<input type="checkbox"/> Yes <input type="checkbox"/> No
17.	The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	<input type="checkbox"/> Yes <input type="checkbox"/> No
18.	The application area includes containers with a capacity greater than 0.46 m <sup>3</sup> that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No
19.	The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	<input type="checkbox"/> Yes <input type="checkbox"/> No
20.	The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	<input type="checkbox"/> Yes <input type="checkbox"/> No
21.	The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities</b>		
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
<b>EE. Subpart BBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities</b>		
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 checked="" type="checkbox"/> No
2.	The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBB, 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 BBBB.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)</b>		
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)</b>	
11. The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>FF. Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities</b>	
◆ 1. The application area is located at a site that is an area source of hazardous air pollutants. <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
<b>GG. Recently Promulgated 40 CFR Part 63 Subparts</b>	
◆ 1. The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. <i>If the response to Question VIII.GG.1 is "No," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 2. Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	
Subpart AAAAAAA	

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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<b>XI. Miscellaneous (continued)</b>		
<b>B. Forms</b>		
◆	1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <i>If the response to Question XI.B.1 is "No" or "N/A," go to Section XI.C.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
◆	2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.	
40 CFR Part 63 Subpart AAAAAAA		
<b>C. Emission Limitation Certifications</b>		
◆	1. The application area includes units for which federally enforceable emission limitations have been established by certification.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements</b>		
	1. The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2. The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	3. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. <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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<b>XI. Miscellaneous (continued)</b>		
<b>E. Title IV - Acid Rain Program</b>		
1.	The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.	The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3.	The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>F. 40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO<sub>x</sub> Ozone Season Group 2 Trading Program</b>		
1.	The application area includes emission units subject to the requirements of the CSAPR NO <sub>x</sub> Ozone Season Group 2 Trading Program. <i>If the response to Question XI.F.1 is "No," go to Question XI.F.7.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.	The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO <sub>x</sub> and heat input.	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.	The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO <sub>x</sub> , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for NO <sub>x</sub> , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for NO <sub>x</sub> and heat input.	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for NO <sub>x</sub> and heat input.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The application area includes emission units that qualify for the CSAPR NO <sub>x</sub> Ozone Season Group 2 retired unit exemption.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

<b>XI. Miscellaneous (continued)</b>		
<b>I. GOP Type (Complete this section for GOP applications only)</b>		
◆	1. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, Waller, and Wise Counties.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	2. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	3. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	4. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	5. The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>J. Title 30 TAC Chapter 101, Subchapter H</b>		
◆	1. The application area is located in a nonattainment area. <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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For SOP applications, answer ALL questions unless otherwise directed.

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

<b>XI. Miscellaneous (continued)</b>		
<b>J. Title 30 TAC Chapter 101, Subchapter H (continued)</b>		
◆	4. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO <sub>x</sub> . <i>If the response to Question XI.J.4 is "Yes," go to Question XI.J.6.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	5. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities previously had a collective uncontrolled design capacity to emit 10 tpy or more of NO <sub>x</sub> and is subject to 101.351(c).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
6.	The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	7. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	8. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>K. Periodic Monitoring</b>		
◆	1. The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application. <i>If the response to Question XI.K.1 is "Yes," go to Section XI.L.</i>	<input checked="" type="checkbox"/> Yes <input 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 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 type="checkbox"/> No

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

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

<b>XI. Miscellaneous (continued)</b>		
<b>L. Compliance Assurance Monitoring (continued)</b>		
◆	9. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	10. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	11. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	12. The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>M. Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times</b>		
◆	1. The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004. <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
<b>XII. New Source Review (NSR) Authorizations</b>		
<b>A. Waste Permits with Air Addendum</b>		
◆	1. The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. <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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<b>XII. New Source Review (NSR) Authorizations (continued)</b>		
<b>B. Air Quality Standard Permits</b>		
◆	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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◆ For GOP applications, answer ONLY these questions unless otherwise directed.

<b>XII. New Source Review (NSR) Authorizations (continued)</b>		
<b>B. Air Quality Standard Permits (continued)</b>		
◆	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
<b>C. Flexible Permits</b>		
	1. The application area includes at least one Flexible Permit NSR authorization.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>D. Multiple Plant Permits</b>		
	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 XII.E-J.)**

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

Permit No.	Issuance Date	Pollutant(s):	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](http://www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html).*

**F. Nonattainment (NA) Permits and NA Major Pollutants**

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

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

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

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

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

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

- ◆ **H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area**

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
81011	09/27/2024				

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

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

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
106.261	11/01/2003				
106.264	09/04/2000				
106.183	09/04/2000				
106.371	09/04/2000				
106.532	09/04/2000				

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

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

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

Date	Permit Number	Regulated Entity Number
April 26, 2026	O1545	RN100225291

Unit ID No.	Registration No.	PBR No.	Registration Date
EPN BIN	131555	106.261	5/5/2015
TANK 1	164156	106.264	2/16/2021
Laminate Line Ink Jet Printers	164497	106.264	3/26/2021
TANK 2	168657	106.264	4/8/2022
TANK 15	182523	106.264	12/18/2025

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

Date	Permit Number	Regulated Entity Number
April 26, 2026	O1545	RN100225291

Unit ID No.	PBR No.	Version No./Date
WS-1	106.532	9/4/2000
WS-2	106.532	9/4/2000
WS-3	106.532	9/4/2000
WS-4	106.532	9/4/2000
WS-5	106.532	9/4/2000
Cooling Tower	106.371	9/4/2000
EPN 18	106.183	9/4/2000
EPN 318	106.183	9/4/2000
EPN 319	106.183	9/4/2000

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

<b>I. Identifying Information</b>		
Account No.: DB-0632-E	RN No.: RN100225291	CN: CN601173016
Permit No.: O1545	Project No.:	
Area Name: Owens Corning Roofing & Asphalt, LLC – Irving, TX		
Company Name: Owens Corning Roofing & Asphalt, LLC		
<b>II. Unit/Emission Point/Group/Process Information</b>		
Revision No.: 1		
Unit/EPN/Group/Process ID No.: CONV 5		
Applicable Form: OP-UA20		
<b>III. Applicable Regulatory Requirement</b>		
Name: NSPS UU		
SOP/GOP Index No.: 60UU		
Pollutant: PM (Opacity)		
Main Standard: § 60.472(b)(5)		
<b>IV. Title V Monitoring Information</b>		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-P-001		
Deviation Limit: Presence of visible emissions		
CAM/PM Option No.:		
Deviation Limit:		
<b>V. Control Device Information</b>		
Control Device ID No.:		
Control Device Type:		

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

<b>I. Identifying Information</b>		
Account No.: DB-0632-E	RN No.: RN100225291	CN: CN601173016
Permit No.: O1545	Project No.:	
Area Name: Owens Corning Roofing & Asphalt, LLC – Irving, TX		
Company Name: Owens Corning Roofing & Asphalt, LLC		
<b>II. Unit/Emission Point/Group/Process Information</b>		
Revision No.: 5		
Unit/EPN/Group/Process ID No.: TANK 1		
Applicable Form: OP-UA20		
<b>III. Applicable Regulatory Requirement</b>		
Name: NSPS UU		
SOP/GOP Index No.: 60UU		
Pollutant: PM (Opacity)		
Main Standard: § 60.472(c)		
<b>IV. Title V Monitoring Information</b>		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-P-001		
Deviation Limit: Presence of visible emissions		
CAM/PM Option No.:		
Deviation Limit:		
<b>V. Control Device Information</b>		
Control Device ID No.:		
Control Device Type:		

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

<b>I. Identifying Information</b>		
Account No.: DB-0632-E	RN No.: RN100225291	CN: CN601173016
Permit No.: O1545	Project No.:	
Area Name: Owens Corning Roofing & Asphalt, LLC – Irving, TX		
Company Name: Owens Corning Roofing & Asphalt, LLC		
<b>II. Unit/Emission Point/Group/Process Information</b>		
Revision No.: 6		
Unit/EPN/Group/Process ID No.: TANK 2		
Applicable Form: OP-UA20		
<b>III. Applicable Regulatory Requirement</b>		
Name: NSPS UU		
SOP/GOP Index No.: 60UU		
Pollutant: PM (Opacity)		
Main Standard: § 60.472(c)		
<b>IV. Title V Monitoring Information</b>		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-P-001		
Deviation Limit: Presence of visible emissions		
CAM/PM Option No.:		
Deviation Limit:		
<b>V. Control Device Information</b>		
Control Device ID No.:		
Control Device Type:		

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

<b>I. Identifying Information</b>		
Account No.: DB-0632-E	RN No.: RN100225291	CN: CN601173016
Permit No.: O1545	Project No.:	
Area Name: Owens Corning Roofing & Asphalt, LLC – Irving, TX		
Company Name: Owens Corning Roofing & Asphalt, LLC		
<b>II. Unit/Emission Point/Group/Process Information</b>		
Revision No.: 7		
Unit/EPN/Group/Process ID No.: TANK 15		
Applicable Form: OP-UA20		
<b>III. Applicable Regulatory Requirement</b>		
Name: NSPS UU		
SOP/GOP Index No.: 60UU		
Pollutant: PM (Opacity)		
Main Standard: § 60.472(c)		
<b>IV. Title V Monitoring Information</b>		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-P-001		
Deviation Limit: Presence of visible emissions		
CAM/PM Option No.:		
Deviation Limit:		
<b>V. Control Device Information</b>		
Control Device ID No.:		
Control Device Type:		

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

The Texas Commission on Environmental Quality (TCEQ) shall be notified of a new appointment or administrative information change (e.g., address, phone number, title) for a Responsible Official (RO), Designated Representative (DR), or Alternate Designated Representative (ADR) in the next submittal. This form satisfies the requirements for notification (a revised Certificate of Representation must also be submitted to the U.S. Environmental Protection agency for changes in the DR and ADR). After the initial submittal, if there is a change of Duly Authorized Representative (DAR) appointment or administrative information changes for the DAR, include a revised Form OP-DEL (Delegation of Responsible Official) with the next submittal to TCEQ.

<b>I. Identifying Information</b>
Account No.: DB-0632-E
Regulated Entity Number: RN100225291
Customer Reference Number: CN601173016
Permit Number: O1545
Area Name: Owens Corning Roofing & Asphalt, LLC - Irving, TX
Company: Owens Corning Roofing & Asphalt, LLC
<b>II. Change Type</b>
Action Type: <input checked="" type="checkbox"/> New Appointment <input type="checkbox"/> Administrative Information Change
Contact Type ( <b>only one response accepted per form</b> ): <input checked="" type="checkbox"/> Responsible Official <input type="checkbox"/> Designated Representative ( <i>Acid Rain Program and/or CSAPR sources only</i> ) <input type="checkbox"/> Alternate Designated Representative ( <i>Acid Rain Program and/or CSAPR sources only</i> )

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

<b>III. Responsible Official/Designated Representative/Alternate Designated Representative Information</b>
Conventional Title:
<input checked="" type="checkbox"/> Mr.
<input type="checkbox"/> Mrs.
<input type="checkbox"/> Ms.
<input type="checkbox"/> Dr.
Name (Driver's License/STEERS): Joseph Netter
Title: Site Leader
Appointment Effective Date: 06/16/2025
Telephone Number: 469-359-5935
Fax Number.:
Company Name: Owens Corning Roofing & Asphalt, LLC
Mailing Address: 201 North Nursery Rd
City: Irving
State: TX
ZIP Code: 75061
Email Address: joseph.netter@owenscorning.com

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

**IV. Certification of Truth, Accuracy, and Completeness**

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

I, Joseph Netter, certify that based on information and belief formed Reasonable inquiry, the statement and information stated above are true, accurate, and complete.

Signature: 

Signature Date: 4/23/26

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

<b>Date:</b> 04/26/2026	<b>Regulated Entity No.:</b> RN100225291	<b>Permit No.:</b> O1545
<b>Company Name:</b> Owens Corning Roofing & Asphalt, LLC		<b>Area Name:</b> Owens Corning Roofing & Asphalt, LLC - Irving, TX

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

**Part 1**

<b>A. Compliance Plan — Future Activity Committal Statement</b>	
<p>The <i>Responsible Official</i> commits, utilizing reasonable effort, to the following:          As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.</p>	
<b>B. Compliance Certification - Statement for Units in Compliance*</b> (Indicate response by entering an "X" in the appropriate column)	
<b>1.</b> With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>2.</b> Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>3.</b> If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. <i>(For reference only)</i>	
<p>* <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  
Application for Permit Revision/Renewal  
Form OP-2-Table 1  
Texas Commission on Environmental Quality**

Date: April 26, 2026	
Permit No.: O1545	
Regulated Entity No.: RN100225291	
Company Name: Owens Corning Roofing & Asphalt, LLC	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA? <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>	
<b>I. Application Type</b>	
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	
<b>II. Qualification Statement</b>	
For SOP Revisions Only <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>	
For GOP Revisions Only <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>	

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

<b>III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)</b>							
Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>							
<input type="checkbox"/> VOC	<input checked="" type="checkbox"/> NO <sub>x</sub>	<input checked="" type="checkbox"/> SO <sub>2</sub>	<input type="checkbox"/> PM <sub>10</sub>	<input type="checkbox"/> CO	<input type="checkbox"/> Pb	<input type="checkbox"/> HAP	
Other:							
<b>IV. Reference Only Requirements (For reference only)</b>							
Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)?					<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
<b>V. Delinquent Fees and Penalties</b>							
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.							

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

Date: April 26, 2026						
Permit No.: O1545						
Regulated Entity No.: RN100225291						
Company Name: Owens Corning Roofing & Asphalt, LLC						
Revision No.	Revision Code	New Unit	Unit/Group ID No.	Process Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
1	MS-A	Yes	CONV 5	OP-UA1, UA20	81011	Unit authorized under NSR amendment submitted on 8/2/2021.
2	MS-C	No	FIN 1014		164496	Permit authorization was rescinded in 8/2023 letter to TCEQ.
3	MS-C	No	FIN 1015		164496	Permit authorization was rescinded in 8/2023 letter to TCEQ.
4	MS-C	No	FIN 1016		164496	Permit authorization was rescinded in 8/2023 letter to TCEQ.
5	SIG-A	No	TANK 1	OP-UA3, UA20	164156	Replacement unit authorized under PBR submitted on 2/16/2021. Revised NSPS Subpart UU applicability based on construction date.
6	SIG-A	No	TANK 2	OP-UA3, UA20	168657	Replacement unit authorized under PBR submitted on 4/8/2022. Revised NSPS Subpart UU applicability based on construction date.
7	SIG-A	No	TANK 15	OP-UA3, UA20	182523	Replacement unit authorized under PBR submitted on 12/18/2025. Revised NSPS Subpart UU and Kc applicability based on construction date.

8	SIG-A	No	EPN 189	OP-UA6	81011	Addition of 30 TAC Chapter 117 Subchapter B applicability based on the §117.410(a) compliance schedule specified in §117.9030.
9	SIG-A	No	EPN 16	OP-UA5	81011	Addition of 30 TAC Chapter 117 Subchapter B applicability based on the §117.410(a) compliance schedule specified in §117.9030.

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

Date: April 26, 2026	
Permit No.: O1545	
Regulated Entity No.: RN100225291	
Company Name: Owens Corning Roofing & Asphalt, LLC	
<b>I. Significant Revision</b> <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i>	
A. Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Indicate the alternate language(s) in which public notice is required: Spanish	
C. Will, there be a change in air pollutant emissions as a result of the significant revision?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

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

<b>Pollutant</b>	<b>Description of the Change in Pollutant Emissions</b>

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

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

<b>I. Company Identifying Information</b>
A. Company Name: Owens Corning Roofing & Asphalt, LLC
B. Customer Reference Number (CN): CN601173016
C. Submittal Date (mm/dd/yyyy): 04/26/2026
<b>II. Site Information</b>
A. Site Name: Owens Corning Roofing & Asphalt, LLC - Irving, TX
B. Regulated Entity Reference Number (RN): RN100225291
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 type="checkbox"/> VOC <input type="checkbox"/> NO <sub>x</sub> <input checked="" type="checkbox"/> SO <sub>2</sub> <input type="checkbox"/> PM <sub>10</sub> <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? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span>
F. Is the site within a local program area jurisdiction? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span>
G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span>
H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: N/A
<b>III. Permit Type</b>
A. Type of Permit Requested: <i>(Select only one response)</i>
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)

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

<b>IV. Initial Application Information</b> <i>(Complete for Initial Issuance Applications Only.)</i>	
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
<b>V. Confidential Information</b>	
A. Is confidential information submitted in conjunction with this application?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>VI. Responsible Official (RO) Identifying Information</b>	
RO Name Prefix: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)	
RO Full Name: Joseph Netter	
RO Title: Site Leader	
Employer Name: Owens Corning Roofing & Asphalt. LLC - Irving, TX	
Mailing Address: 201 North Nursery Road	
City: Irving	
State: TX	
ZIP Code: 75061	
Territory:	
Country: U.S.	
Foreign Postal Code:	
Internal Mail Code:	
Telephone No.: (469) 359-5935	
Fax No.:	
Email: Joseph.Netter@owenscorning.com	

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

<b>VII. Technical Contact Identifying Information</b> <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: Andrew Muhl
Technical Contact Title: Senior EHS Leader
Employer Name: Owens Corning Roofing & Asphalt, LLC - Irving, TX
Mailing Address: 201 North Nursery Road
City: Irving
State: TX
ZIP Code: 75061
Territory:
Country: U.S.
Foreign Postal Code:
Internal Mail Code:
Telephone No.: (610) 739-2043
Fax No.:
Email: Andrew.Muhl@owenscorning.com
<b>VIII. Reference Only Requirements</b> <i>(For reference only.)</i>
<b>A.</b> State Senator: Senator Nathan Johnson
<b>B.</b> State Representative: Representative Thresa Meza
<b>C.</b> Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <span style="float: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</span>
<b>D.</b> Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <span style="float: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</span>
<b>E.</b> Indicate the alternate language(s) in which public notice is required: Spanish

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

<b>IX. Off-Site Permit Request</b> <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
<b>A.</b> Office/Facility Name:
<b>B.</b> Physical Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
<b>C.</b> Physical Location:
<b>D.</b> Contact Name Prefix: ( <input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name:
<b>E.</b> Telephone No.:
<b>X. Application Area Information</b>
<b>A.</b> Area Name: Owens Corning Roofing & Asphalt, LLC - Irving, TX
<b>B.</b> Physical Address: 201 North Nursery Road
City: Irving
State: Texas
ZIP Code: 75061
<b>C.</b> Physical Location:
<b>D.</b> Nearest City: Irving
<b>E.</b> State: Texas
<b>F.</b> ZIP Code: 75061

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

<b>X. Application Area Information (continued)</b>
<b>G.</b> Latitude (nearest second): 32:48:57.4 N
<b>H.</b> Longitude (nearest second): 96:56:03.5 W
<b>I.</b> Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span>
<b>J.</b> Indicate the estimated number of emission units in the application area: 46
<b>K.</b> Are there any emission units in the application area subject to the Acid Rain Program? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span>
<b>L.</b> Affected Source Plant Code (or ORIS/Facility Code):
<b>XI. Public Notice</b> <i>(Complete this section for SOP Applications and Acid Rain Permit Applications only.)</i>
<b>A.</b> Name of a public place to view application and draft permit: South Irving Library
<b>B.</b> Physical Address: 601 Schulze Dr.
City: Irving
ZIP Code: 75060
<b>C.</b> Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
Contact Person Full Name: Andrew Muhl
Contact Mailing Address: 201 North Nursery Road
City: Irving
State: TX
ZIP Code: 75061
Territory:
Country: U.S.
Foreign Postal Code:
Internal Mail Code:
Telephone No.: (610) 739-2043

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

<b>XII. Delinquent Fees and Penalties</b>
<b>Notice:</b> This form will not be processed until all delinquent fees and/or penalties owed to TCEQ or the Office of Attorney General on behalf of TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol."
<b>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.</b>
<b>XIII. Designated Representative (DR) Identifying Information</b>
DR Name Prefix: ( <input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> 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:

OWENS CORNING ROOFING AND ASPHALT, LLC  
201 N.NURSERY ROAD  
IRVING, TX 75061  
469-359-5935



April 26, 2026

Elizabeth Smith  
Regional Director  
TCEQ Region 4, DFW Metroplex  
2309 Gravel Drive  
Fort Worth, TX 76118

Re: Title V Renewal Application  
Owens Corning Roofing and Asphalt, LLC – Irving, Texas  
Title V Permit No. O1545  
Regulated Entity Number: 10225291  
Customer Number: 601173016

To Whom It May Concern:

Please find enclosed the required forms to renew and revise Title V Permit No. O1545 for Owens Corning Roofing and Asphalt, LLC – Irving, Texas (Owens Corning Irving).

The permit revision along with the renewal is requested to address the following and all changes reflected within Form OP-2:

- Removal of FIN 1014, 1015, and 1016. Permitted and operational authorization for that equipment was rescinded with a letter to TCEQ on August 23, 2023.
- Addition of Converter 5 based on the NSR authorization issued on August 24, 2021.
- Addition of NSPS Subpart UU and NESHAP Subpart AAAAAAA applicability for Converter 5.
- Revision of NSPS Subpart UU applicability for Tank 1, 2, and 15 based on the updated construction dates.
- Addition of NSPS Subpart Kc applicability for Tank 15 based on the updated construction date.
- Addition of 30 TAC Chapter 117 Subchapter B applicability for the Process Steam Generator Boiler (EPN 189) and 3-Tab Line Filler Hot Oil Heater (EPN 16) based on the §117.410(a) compliance schedule specified in §117.9030.

We appreciate the Commission's consideration regarding this matter. Should you have any concerns or questions, please do not hesitate to contact Andrew Muhl at [Andrew.Muhl@owenscorning.com](mailto:Andrew.Muhl@owenscorning.com) or Jacob Post of Alliance Technical Group at [Jacob.Post@AllianceTG.com](mailto:Jacob.Post@AllianceTG.com).

Respectfully submitted,  
OWENS CORNING ROOFING & ASPHALT, LLC

A handwritten signature in blue ink, appearing to read "Joseph Netter". The signature is stylized with a large initial "J" and a long, sweeping underline.

Joseph Netter  
Site Leader

Enclosure

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

<b>I. Identifying Information</b>
Account Number: DB-0632-E
Regulated Entity Number: RN 100225291
Customer Reference Number: CN 601173016
Permit Number: 01545
Area Name: Asphalt Processing and Asphalt Roofing Manufacturing
Company Name: Owens Corning Roofing & Asphalt, LCC - Irving, TX
<b>II. Duly Authorized Representative Information</b>
Action Type: <input checked="" type="checkbox"/> New DAR Identification <input type="checkbox"/> Administrative Information Change
Conventional Title: <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.
Name (Driver License/STEERS): Joseph Netter
Title: Site Leader
Delegation Effective Date: 6/16/25
Telephone Number: 469-359-5935
Fax Number: 972-438-1659
Company Name: Owens Corning Roofing & Asphalt, LLC - Irving, TX
Mailing Address: 201 North Nursery Rd
City: Irving
State: TX
ZIP Code: 75061
Email Address: joseph.netter@owenscorning.com

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

**III. Certification of Truth, Accuracy, and Completeness**

I, Steven Cowan

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

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

Responsible Official Signature: Cowan, Steven

Digitally signed by Cowan, Steven  
Date: 2025.12.10 17:11:36 -05'00'

Date: 12/10/25

Duly Authorized Representative Signature: Netter, Joseph

Digitally signed by Netter, Joseph  
Date: 2025.12.30 14:37:30 -06'00'

(Name(s) printed or typed) Joseph Netter

Date: 12/30/25

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

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

(Name(s) printed or typed) \_\_\_\_\_

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

Responsible Official Signature: \_\_\_\_\_

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

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

<b>V. Additional Identifying Information</b>
Account Number:
Regulated Entity Number: RN
Customer Reference Number: CN
Permit Number:
Area Name:
Account Number:
Regulated Entity Number: RN
Customer Reference Number: CN
Permit Number:
Area Name:
Account Number:
Regulated Entity Number: RN
Customer Reference Number: CN
Permit Number:
Area Name:
Account Number:
Responsible Official: RN
Customer Reference Number: CN
Permit Number:
Area Name:
Account Number:
Regulated Entity Number: RN
Customer Reference Number: CN
Permit Number:
Area Name:

# Title V Renewal Application

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Prepared for:



Owens Corning Roofing and Asphalt, LLC  
Owens Corning Irving  
201 North Nursery Road  
Irving, TX 75061

Prepared by:

Alliance Technical Group  
219 Brown Lane  
Bryant, AR 72022

April 2026

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Appendix A – Area Map

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## Application Summary

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# APPLICATION SUMMARY

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Owens Corning Roofing and Asphalt, LLC – Irving Roofing and Asphalt Plant (Owens Corning Irving) owns and operates an asphalt processing plant at 209 North Nursery Road and an asphalt roofing plant at 201 North Nursery Road in Irving, Texas (Dallas County). Both the Roofing and Asphalt plant are regulated under:

Regulated Entity Number: RN100225291

Customer Reference Number: CN601173016

Account Number: DB-0632-E

All emission points at the facility are regulated by Federal Operating Permit No. O1545 issued on October 27, 2021. The facility is also regulated by NSR Permit No. 81011, which was last modified and issued on September 27, 2024.

This application is submitted to renew the Title V operating permit for Owens Corning Irving. The application is prepared to be comprehensive of all additions and deletions since the last Title V modification.

Changes with this Title V renewal include the following:

- Removal of FIN 1014, 1015, and 1016. Permitted and operational authorization for that equipment was rescinded with a letter to TCEQ on August 23, 2023.
- Addition of Converter 5 based on the NSR authorization issued on August 24, 2021.
- Addition of NSPS Subpart UU and NESHAP Subpart AAAAAAA applicability for Converter 5.
- Revision of NSPS Subpart UU applicability for Tank 1, 2, and 15 based on the updated construction dates.
- Addition of NSPS Subpart Kc applicability for Tank 15 based on the updated construction date.
- Addition of 30 TAC Chapter 117 Subchapter B applicability for the Process Steam Generator Boiler (EPN 189) and 3-Tab Line Filler Hot Oil Heater (EPN 16) based on the §117.410(a) compliance schedule specified in §117.9030.

OP-1

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

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

<b>I. Company Identifying Information</b>
A. Company Name: Owens Corning Roofing & Asphalt, LLC
B. Customer Reference Number (CN): CN601173016
C. Submittal Date (mm/dd/yyyy): 04/26/2026
<b>II. Site Information</b>
A. Site Name: Owens Corning Roofing & Asphalt, LLC - Irving, TX
B. Regulated Entity Reference Number (RN): RN100225291
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 type="checkbox"/> VOC <input type="checkbox"/> NO <sub>x</sub> <input checked="" type="checkbox"/> SO <sub>2</sub> <input type="checkbox"/> PM <sub>10</sub> <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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No
G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: N/A
<b>III. Permit Type</b>
A. Type of Permit Requested: <i>(Select only one response)</i>
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)

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

<b>IV. Initial Application Information</b> <i>(Complete for Initial Issuance Applications Only.)</i>	
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
<b>V. Confidential Information</b>	
A. Is confidential information submitted in conjunction with this application?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>VI. Responsible Official (RO) Identifying Information</b>	
RO Name Prefix: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)	
RO Full Name: Joseph Netter	
RO Title: Site Leader	
Employer Name: Owens Corning Roofing & Asphalt. LLC - Irving, TX	
Mailing Address: 201 North Nursery Road	
City: Irving	
State: TX	
ZIP Code: 75061	
Territory:	
Country: U.S.	
Foreign Postal Code:	
Internal Mail Code:	
Telephone No.: (469) 359-5935	
Fax No.:	
Email: Joseph.Netter@owenscorning.com	

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

<b>VII. Technical Contact Identifying Information</b> <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: Andrew Muhl
Technical Contact Title: Senior EHS Leader
Employer Name: Owens Corning Roofing & Asphalt, LLC - Irving, TX
Mailing Address: 201 North Nursery Road
City: Irving
State: TX
ZIP Code: 75061
Territory:
Country: U.S.
Foreign Postal Code:
Internal Mail Code:
Telephone No.: (610) 739-2043
Fax No.:
Email: Andrew.Muhl@owenscorning.com
<b>VIII. Reference Only Requirements</b> <i>(For reference only.)</i>
<b>A.</b> State Senator: Senator Nathan Johnson
<b>B.</b> State Representative: Representative Thresa Meza
<b>C.</b> Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <span style="float: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</span>
<b>D.</b> Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <span style="float: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</span>
<b>E.</b> Indicate the alternate language(s) in which public notice is required: Spanish

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

<b>IX. Off-Site Permit Request</b> <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.:
<b>X. Application Area Information</b>
A. Area Name: Owens Corning Roofing & Asphalt, LLC - Irving, TX
B. Physical Address: 201 North Nursery Road
City: Irving
State: Texas
ZIP Code: 75061
C. Physical Location:
D. Nearest City: Irving
E. State: Texas
F. ZIP Code: 75061

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

<b>X. Application Area Information (continued)</b>
G. Latitude (nearest second): 32:48:57 N
H. Longitude (nearest second): 96:56:04 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? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span>
J. Indicate the estimated number of emission units in the application area: 46
K. Are there any emission units in the application area subject to the Acid Rain Program? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span>
L. Affected Source Plant Code (or ORIS/Facility Code):
<b>XI. Public Notice</b> <i>(Complete this section for SOP Applications and Acid Rain Permit Applications only.)</i>
A. Name of a public place to view application and draft permit: South Irving Library
B. Physical Address: 601 Schulze Dr.
City: Irving
ZIP Code: 75060
C. Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
Contact Person Full Name: Andrew Muhl
Contact Mailing Address: 201 North Nursery Road
City: Irving
State: TX
ZIP Code: 75061
Territory:
Country: U.S.
Foreign Postal Code:
Internal Mail Code:
Telephone No.: (610) 739-2043

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

<b>XII. Delinquent Fees and Penalties</b>
<b>Notice:</b> This form will not be processed until all delinquent fees and/or penalties owed to TCEQ or the Office of Attorney General on behalf of TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol."
<b>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.</b>
<b>XIII. Designated Representative (DR) Identifying Information</b>
DR Name Prefix: ( <input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> 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

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

Date: April 26, 2026	
Permit No.: O1545	
Regulated Entity No.: RN100225291	
Company Name: Owens Corning Roofing & Asphalt, LLC	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA? <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>	
<b>I. Application Type</b>	
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	
<b>II. Qualification Statement</b>	
For SOP Revisions Only <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>	
For GOP Revisions Only <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>	

**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<sub>x</sub>       SO<sub>2</sub>       PM<sub>10</sub>       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: April 26, 2026						
Permit No.: O1545						
Regulated Entity No.: RN100225291						
Company Name: Owens Corning Roofing & Asphalt, LLC						
Revision No.	Revision Code	New Unit	Unit/Group ID No.	Process Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
1	MS-A	Yes	CONV 5	OP-UA1, UA20	81011	Unit authorized under NSR amendment submitted on 8/2/2021.
2	MS-C	No	FIN 1014		164496	Permit authorization was rescinded in 8/2023 letter to TCEQ.
3	MS-C	No	FIN 1015		164496	Permit authorization was rescinded in 8/2023 letter to TCEQ.
4	MS-C	No	FIN 1016		164496	Permit authorization was rescinded in 8/2023 letter to TCEQ.
5	SIG-A	No	TANK 1	OP-UA3, UA20	164156	Replacement unit authorized under PBR submitted on 2/16/2021. Revised NSPS Subpart UU applicability based on construction date.
6	SIG-A	No	TANK 2	OP-UA3, UA20	168657	Replacement unit authorized under PBR submitted on 4/8/2022. Revised NSPS Subpart UU applicability based on construction date.
7	SIG-A	No	TANK 15	OP-UA3, UA20	182523	Replacement unit authorized under PBR submitted on 12/18/2025. Revised NSPS Subpart UU and Kc applicability based on construction date.

8	SIG-A	No	EPN 189	OP-UA6	81011	Addition of 30 TAC Chapter 117 Subchapter B applicability based on the §117.410(a) compliance schedule specified in §117.9030.
9	SIG-A	No	EPN 16	OP-UA5	81011	Addition of 30 TAC Chapter 117 Subchapter B applicability based on the §117.410(a) compliance schedule specified in §117.9030.

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

Date: April 26, 2026	
Permit No.: O1545	
Regulated Entity No.: RN100225291	
Company Name: Owens Corning Roofing & Asphalt, LLC	
<b>I. Significant Revision</b> <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i>	
A. Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Indicate the alternate language(s) in which public notice is required: Spanish	
C. Will, there be a change in air pollutant emissions as a result of the significant revision?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

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

<b>Pollutant</b>	<b>Description of the Change in Pollutant Emissions</b>

OP-CRO1

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

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

<b>I. Identifying Information</b>
RN: RN100225291
CN: CN601173016
Account No.: DB-0632-E
Permit No.: O1545
Project No.:
Area Name: Owens Corning Roofing & Asphalt, LLC - Irving, Texas
Company Name: Owens Corning Roofing & Asphalt, LLC
<b>II. Certification Type</b> <i>(Please mark appropriate box)</i>
<input checked="" type="checkbox"/> Responsible Official <span style="margin-left: 200px;"><input type="checkbox"/> Duly Authorized Representative</span>
<b>III. Submittal Type</b> <i>(Please mark appropriate box) (Only one response can be accepted per form)</i>
<input type="checkbox"/> SOP/TOP Initial Permit Application <span style="margin-left: 100px;"><input checked="" type="checkbox"/> Permit Revision, Renewal, or Reopening</span>
<input type="checkbox"/> GOP Initial Permit Application <span style="margin-left: 100px;"><input type="checkbox"/> Update to Permit Application</span>
<input type="checkbox"/> Other: _____

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

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

<b>IV. Certification of Truth</b>			
<b>This certification does not extend to information which is designated by TCEQ as information for reference only.</b>			
I, Joseph Netter _____, certify that I am the RO _____ <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span><i>(Certifier Name printed or typed)</i></span> <span><i>(RO or DAR)</i></span> </div> <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:  <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>			
Time Period: From _____ to _____ <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span><i>(Start Date)</i></span> <span><i>(End Date)</i></span> </div>			
Specific Dates: 4/26/2026 _____ <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span><i>(Date 1)</i></span> <span><i>(Date 2)</i></span> <span><i>(Date 3)</i></span> <span><i>(Date 4)</i></span> </div>			
_____		_____	
<i>(Date 5)</i>		<i>(Date 6)</i>	
Signature: 		Signature Date: <u>4/23/26</u>	
Title: Site Leader _____			

OP-ACPS

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

<b>Date:</b> 04/26/2026	<b>Regulated Entity No.:</b> RN100225291	<b>Permit No.:</b> O1545
<b>Company Name:</b> Owens Corning Roofing & Asphalt, LLC		<b>Area Name:</b> Owens Corning Roofing & Asphalt, LLC - Irving, TX

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

**Part 1**

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

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

Date	Permit No.	Regulated Entity No.
4/26/2026	O1545	RN100225291

For SOP applications, answer ALL questions unless otherwise directed.

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

<b>I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter</b>		
<b>A. Visible Emissions</b>		
◆	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. 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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◆ For GOP applications, answer ONLY these questions unless otherwise directed.

<b>I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)</b>	
<b>B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots</b>	
1. Items a - d determine applicability of any of these requirements based on geographical location.	
◆ a. The application area is located within the city of El Paso.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ b. The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ c. The application area is located in the portion of Harris County inside the loop formed by Beltway 8.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ d. The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<i>If there is any "Yes" response to Questions I.B.1.a - d, answer Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "No," go to Section I.C.</i>	
2. Items a - d determine the specific applicability of these requirements.	
◆ a. The application area is subject to 30 TAC § 111.143.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ b. The application area is subject to 30 TAC § 111.145.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ c. The application area is subject to 30 TAC § 111.147.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ d. The application area is subject to 30 TAC § 111.149.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>C. Emissions Limits on Nonagricultural Processes</b>	
◆ 1. The application area includes a nonagricultural process subject to 30 TAC § 111.151.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2. The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements. <i>If the response to Question I.C.2 is "No," go to Question I.C.4.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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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<b>I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)</b>		
<b>C. Emissions Limits on Nonagricultural Processes (continued)</b>		
4.	The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5.	The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements. <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
<b>D. Emissions Limits on Agricultural Processes</b>		
1.	The application area includes agricultural processes subject to 30 TAC § 111.171.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>E. Outdoor Burning</b>		
◆ 1.	Outdoor burning is conducted in the application area. <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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<b>I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)</b>		
<b>E. Outdoor Burning (continued)</b>		
◆	5. Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211.	<input type="checkbox"/> Yes <input 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
<b>II. Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds</b>		
<b>A. Temporary Fuel Shortage Plan Requirements</b>		
1.	The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds</b>		
<b>A. Applicability</b>		
◆	1. The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10. <i>See instructions for inclusive counties. If the response to Question III.A.1 is "No," go to Section IV.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>B. Storage of Volatile Organic Compounds</b>		
◆	1. The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

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<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>		
<b>K. Cutback Asphalt</b>		
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 checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
3. Asphalt emulsion is used or produced within the application area.	<input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> No	
5. The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1).	<input type="checkbox"/> Yes <input type="checkbox"/> No	
6. The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
7. The applicant using cutback asphalt is a state, municipal, or county agency.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels</b>		
◆ 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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<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>		
<b>L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)</b>		
◆ 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
<b>M. Petroleum Dry Cleaning Systems</b>		
1.	The application area contains one or more petroleum dry cleaning facilities that use petroleum-based solvents.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A

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<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>		
<b>N. Vent Gas Control (Highly Reactive Volatile Organic Compounds (HRVOC))</b>		
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 "Yes," go to Section III.O.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	The application area contains pressure relief valves that are not controlled by a flare.	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The application area has at least one vent stream which has no potential to emit HRVOC.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>O. Cooling Tower Heat Exchange Systems (HRVOC)</b>		
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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◆ For GOP applications, answer ONLY these questions unless otherwise directed.

<b>IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds</b>		
<b>A. Applicability</b>		
◆	<p>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></p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<p>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></p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	<p>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></p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>B. Utility Electric Generation in Ozone Nonattainment Areas</b>		
	<p>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></p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	<p>2. The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

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

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<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>		
<b>C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)</b>		
◆	5. One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>D. Subpart XX - Standards of Performance for Bulk Gasoline Terminals</b>		
	1. The application area includes bulk gasoline terminal loading racks. <i>If the response to Question VI.D.1 is "No," go to Section VI.E.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
	2. One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO<sub>2</sub>) Emissions</b>		
◆	1. The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). <i>For SOP applications, if the response to Question VI.E.1 is "No," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is or "N/A," go to Section VI.H.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	2. The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011. <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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<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>	
<b>E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO<sub>2</sub>) Emissions (continued)</b>	
◆ 4. Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD. <i>For SOP applications, if the response to Question VI.E.4. is "No," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "No," go to Section VI.H.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 5. Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below	
<b>F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants</b>	
1. The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant. <i>If the response to Question VI.F.1 is "No," go to Section VI.G.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems</b>	
1. The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987. <i>If the response to Question VI.G.1 is "No," go to Section VI.H.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The application area includes storm water sewer systems.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>		
<b>G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)</b>		
3.	The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	The application area includes non-contact cooling water systems.	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	The application area includes individual drain systems. <i>If the response to Question VI.G.5 is "No," go to Section VI.H.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The application area includes completely closed drain systems.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004</b>		
◆ 1.	The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. <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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<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>		
<b>H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004 (continued)</b>		
◆	5. The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. <i>If the response to Question VI.H.5 is "No," go to Question VI.H.7.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	6. All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	7. The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	8. All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001</b>		
◆	1. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "No," go to Question VI.I.4.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
◆	2. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>		
<b>I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)</b>		
◆	3. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	4. The application area includes at least one air curtain incinerator. <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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<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>		
<b>J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006</b>		
◆	1. The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator. <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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<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)</b>		
<b>J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)</b>		
◆	8. All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	9. The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	10. The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>K. Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution</b>		
◆	1. The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants</b>		
<b>A. Applicability</b>		
◆	1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts. <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>B. Subpart F - National Emission Standard for Vinyl Chloride</b>		
	1. The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>C. Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this section for GOP applications only)</b>		
◆	1. The application area includes equipment in benzene service.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

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<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>		
<b>D. Subpart L - National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants</b>		
1. The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b). <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	
<b>E. Subpart M - National Emission Standard for Asbestos</b>		
<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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<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>E. Subpart M - National Emission Standard for Asbestos (continued)</b>	
<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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<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>E. Subpart M - National Emission Standard for Asbestos (continued)</b>	
<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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<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>E. Subpart M - National Emission Standard for Asbestos (continued)</b>	
<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
<b>F. Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities</b>	
1. The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations</b>	
1. The application area is located at a benzene production facility and/or bulk terminal. <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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<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>		
<b>G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)</b>		
3.	The application area includes benzene transfer operations at railcar loading racks.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	The application area includes benzene transfer operations at tank-truck loading racks.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>H. Subpart FF - National Emission Standard for Benzene Waste Operations</b>		
<i>Applicability</i>		
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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<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)</b>	
<i>Applicability (continued)</i>	
6. The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. The application area has waste streams with flow-weighted annual average water content of 10% or greater.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>Waste Stream Exemptions</i>	
8. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw).	<input type="checkbox"/> Yes <input type="checkbox"/> No
9. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr.	<input type="checkbox"/> Yes <input type="checkbox"/> No
10. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr.	<input type="checkbox"/> Yes <input type="checkbox"/> No
11. The application area transfers waste off-site for treatment by another facility.	<input type="checkbox"/> Yes <input type="checkbox"/> No
12. The application area is complying with 40 CFR § 61.342(d).	<input type="checkbox"/> Yes <input type="checkbox"/> No
13. The application area is complying with 40 CFR § 61.342(e). <i>If the response to Question VII.H.13 is "No," go to Question VII.H.15.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
14. The application area has facility waste with a flow weighted annual average water content of less than 10%.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)</b>		
<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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)</b>	
<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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)</b>	
<i>Process Wastewater Streams (continued)</i>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)</b>	
<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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>C. Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)</b>	
<i>Drains (continued)</i>	
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(1)(1) or (1)(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
<i>Gas Streams</i>	
39. The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant.	<input type="checkbox"/> Yes <input type="checkbox"/> No
40. The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5).	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>D. Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks</b>	
1. The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>E. Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities</b>		
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	
<b>F. Subpart Q - National Emission Standards for Industrial Process Cooling Towers</b>		
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	
<b>G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)</b>		
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)</b>		
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry</b>	
<p>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></p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>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></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>4. The application area includes one or more kraft pulping systems that are existing sources.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>5. The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>7. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>8. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>I. Subpart T - National Emission Standards for Halogenated Solvent Cleaning</b>		
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	
<b>J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins</b>		
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)</b>		
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)</b>	
<i>Containers</i>	
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
<i>Drains</i>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)</b>	
<i>Drains (continued)</i>	
17. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> Yes <input type="checkbox"/> No
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>K. Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production</b>	
1. The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area. <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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>L. Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting</b>	
1. The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter. <i>If the response to Question VIII.L.1 is "No" or "N/A," go to Section VIII.M.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
2. The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>M. Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations</b>	
1. The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries</b>	
<i>Applicability</i>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)</b>	
<i>Applicability (continued)</i>	
3. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.N.3 is "No," go to Section VIII.O.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC. <i>If the response to Question VIII.N.4 is "No," go to Section VIII.O.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. <i>If the response to Question VIII.N.7 is "No," go to Question VIII.N.13.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
8. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).	<input type="checkbox"/> Yes <input type="checkbox"/> No

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)</b>	
<i>Applicability (continued)</i>	
9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "No," go to Question VIII.N.13.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
10. The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Containers, Drains, and other Appurtenances</b>	
11. The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No
12. The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No
13. The application area includes Group 1 gasoline loading racks as specified in § 63.650(a).	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations</b>	
1. The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). <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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)</b>		
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)</b>	
<p>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></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>12. VOHAP concentration is determined by direct measurement.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>13. VOHAP concentration is based on knowledge of the off-site material.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>16. An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>17. The application area includes containers that manage non-exempt off-site material.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>18. The application area includes individual drain systems that manage non-exempt off-site materials.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>P. Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities</b>	
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
<b>Q. Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.</b>	
◆ 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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)</b>	
<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 ft<sup>3</sup>) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day.</p> <p><i>For SOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.R.</i></p> <p><i>For GOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.Z.</i></p> <p><i>For all applications, if the response to Question VIII.Q.5 is "No," go to Question VIII.Q.9.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>R. Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)</b>		
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	
<b>S. Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations</b>		
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	
<b>T. Subpart KK - National Emission Standards for the Printing and Publishing Industry</b>		
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	
<b>U. Subpart PP - National Emission Standards for Containers</b>		
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>U. Subpart PP - National Emission Standards for Containers (continued)</b>		
4. The application area includes containers using Container Level 3 controls.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>V. Subpart RR - National Emission Standards for Individual Drain Systems</b>		
1. The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards</b>		
1. The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
2. The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process. <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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>		
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
<p>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></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>		
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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<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>		
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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<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
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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<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>		
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
<b>X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins</b>		
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)</b>		
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)</b>		
13.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>Containers</i>		
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
<i>Drains</i>		
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)</b>	
<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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>Y. Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.</b>		
1. The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>Z. Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.</b>		
◆ 1. The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)</b>		
1. The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
2. The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	<input 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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)</b>	
5. The application area includes process wastewater streams. <i>If the response to Question VIII.AA.5 is "No," go to Question VIII.AA.24.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. The application area includes process wastewater streams, located at existing sources, that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. The application area includes process wastewater streams, located at existing sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
8. The application area includes process wastewater streams, located at new sources, that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
9. The application area includes process wastewater streams, located at new sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
10. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.10 is "Yes," go to Question VIII.AA.24.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
11. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.11 is "No," go to Question VIII.AA.13.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
12. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> Yes <input type="checkbox"/> No
13. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)</b>		
14.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.AA.13 and VIII.AA.14 are both "No," go to Question VIII.AA.20.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
15.	Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). <i>If the response to Question VIII.AA.15 is "No," go to Question VIII.AA.17.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
16.	The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected.	<input type="checkbox"/> Yes <input type="checkbox"/> No
17.	Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite. <i>If the response to Question VIII.AA.17 is "No," go to Question VIII.AA.19.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
18.	The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit.	<input type="checkbox"/> Yes <input type="checkbox"/> No
19.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> Yes <input type="checkbox"/> No
20.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> Yes <input type="checkbox"/> No
21.	The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.AA.21 is "No," go to Question VIII.AA.24.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
22.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.</b>	
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
<b>CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation</b>	
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 remediations qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). <i>If the answer to Question VIII.CC.3 is "Yes," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. All site remediation activities are complete, and the Administrator has been notified in writing. <i>If the answer to Question VIII.CC.4 is "Yes," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. Prior to beginning site remediation activities, it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. <i>If the answer to Question VIII.CC.5 is "Yes," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. The site remediation will be completed within 30 consecutive calendar days.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. No site remediation will exceed 30 consecutive calendar days. <i>If the answer to Question VIII.CC.7 is "Yes," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
8. Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	<input type="checkbox"/> Yes <input type="checkbox"/> No
9. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. <i>If the answer to Question VIII.CC.9 is "Yes," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)</b>		
10.	The application area includes a remediation material management unit used for cleanup of radioactive mixed waste per § 63.7886(c).	<input type="checkbox"/> Yes <input type="checkbox"/> No
11.	The application area includes a remediation material management unit or combination of units with a total annual quantity of HAP less than 1 Mg/yr that is being exempted from § 63.7886(b) per § 63.7886(d).	<input type="checkbox"/> Yes <input type="checkbox"/> No
12.	The application area includes a remediation material management unit that has an average total VOHAP concentration of remediation material less than 500 ppmw and is complying with § 63.7886(b)(2). <i>If the response to Question VIII.CC.12 is "No," go to Question VIII.CC.14.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
13.	The application area includes a remediation material management unit that concentrates all or part of the material such that the material's VOHAP concentration could increase.	<input type="checkbox"/> Yes <input type="checkbox"/> No
14.	The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. <i>If the response to Question VIII.CC.14 is "No," go to Question VIII.CC.21.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
15.	The application area includes containers that are also subject to and complying with another subpart under 40 CFR part 61 or part 63 per § 63.7886(b)(3).	<input type="checkbox"/> Yes <input type="checkbox"/> No
16.	The application area includes containers that are complying with alternative work practice standards that have been approved by the EPA per § 63.7900(e).	<input type="checkbox"/> Yes <input type="checkbox"/> No
17.	The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	<input type="checkbox"/> Yes <input type="checkbox"/> No
18.	The application area includes containers with a capacity greater than 0.46 m <sup>3</sup> that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No
19.	The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	<input type="checkbox"/> Yes <input type="checkbox"/> No
20.	The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	<input type="checkbox"/> Yes <input type="checkbox"/> No
21.	The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities</b>		
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	
<b>EE. Subpart BBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities</b>		
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 checked="" type="checkbox"/> No	
2. The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBB, 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 BBBB.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)</b>		
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)</b>	
11. The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>FF. Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities</b>	
◆ 1. The application area is located at a site that is an area source of hazardous air pollutants. <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
<b>GG. Recently Promulgated 40 CFR Part 63 Subparts</b>	
◆ 1. The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. <i>If the response to Question VIII.GG.1 is "No," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 2. Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	
Subpart AAAAAAA	

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

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

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<b>XI. Miscellaneous (continued)</b>		
<b>B. Forms</b>		
◆	1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <i>If the response to Question XI.B.1 is "No" or "N/A," go to Section XI.C.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
◆	2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.	
40 CFR Part 63 Subpart AAAAAAA		
<b>C. Emission Limitation Certifications</b>		
◆	1. The application area includes units for which federally enforceable emission limitations have been established by certification.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements</b>		
	1. The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2. The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	3. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. <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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<b>XI. Miscellaneous (continued)</b>	
<b>E. Title IV - Acid Rain Program</b>	
1. The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>F. 40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO<sub>x</sub> Ozone Season Group 2 Trading Program</b>	
1. The application area includes emission units subject to the requirements of the CSAPR NO <sub>x</sub> Ozone Season Group 2 Trading Program. <i>If the response to Question XI.F.1 is "No," go to Question XI.F.7.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO <sub>x</sub> and heat input.	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO <sub>x</sub> , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for NO <sub>x</sub> , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for NO <sub>x</sub> and heat input.	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for NO <sub>x</sub> and heat input.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. The application area includes emission units that qualify for the CSAPR NO <sub>x</sub> Ozone Season Group 2 retired unit exemption.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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<b>XI. Miscellaneous (continued)</b>		
<b>I. GOP Type (Complete this section for GOP applications only)</b>		
◆	1. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, Waller, and Wise Counties.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	2. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	3. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	4. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	5. The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>J. Title 30 TAC Chapter 101, Subchapter H</b>		
◆	1. The application area is located in a nonattainment area. <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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<b>XI. Miscellaneous (continued)</b>		
<b>J. Title 30 TAC Chapter 101, Subchapter H (continued)</b>		
◆	4. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO <sub>x</sub> . <i>If the response to Question XI.J.4 is "Yes," go to Question XI.J.6.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	5. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities previously had a collective uncontrolled design capacity to emit 10 tpy or more of NO <sub>x</sub> and is subject to 101.351(c).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
6.	The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	7. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	8. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>K. Periodic Monitoring</b>		
◆	1. The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application. <i>If the response to Question XI.K.1 is "Yes," go to Section XI.L.</i>	<input checked="" type="checkbox"/> Yes <input 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 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 type="checkbox"/> No

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

Date	Permit No.	Regulated Entity No.
4/26/2026	O1545	RN100225291

For SOP applications, answer ALL questions unless otherwise directed.

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

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

**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1 (Page 85)**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
4/26/2026	O1545	RN100225291

For SOP applications, answer ALL questions unless otherwise directed.

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

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

**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1 (Page 86)**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
4/26/2026	O1545	RN100225291

For SOP applications, answer ALL questions unless otherwise directed.

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

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

**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1 (Page 87)**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
4/26/2026	O1545	RN100225291

For SOP applications, answer ALL questions unless otherwise directed.

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

<b>XII. New Source Review (NSR) Authorizations (continued)</b>		
<b>B. Air Quality Standard Permits (continued)</b>		
◆	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
<b>C. Flexible Permits</b>		
	1. The application area includes at least one Flexible Permit NSR authorization.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>D. Multiple Plant Permits</b>		
	1. The application area includes at least one Multi-Plant Permit NSR authorization.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

Date	Permit No.	Regulated Entity No.
4/26/2026	O1545	RN100225291

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

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

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

**F. Nonattainment (NA) Permits and NA Major Pollutants**

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

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

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

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

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

Date	Permit No.	Regulated Entity No.
4/26/2026	O1545	RN100225291

For SOP applications, answer ALL questions unless otherwise directed.

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

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

- ◆ **H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area**

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
81011	09/27/2024				

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

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

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
106.261	11/01/2003				
106.264	09/04/2000				
106.183	09/04/2000				
106.371	09/04/2000				
106.532	09/04/2000				

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

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

OP-REQ2

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

**General Information**

Requested Information	Response
<b>Date:</b>	04/26/2026
<b>Customer Reference No.:</b>	CN601173016
<b>Regulated Entity No.:</b>	RN100225291
<b>Permit No.:</b>	O1545
<b>Permit Area Name:</b>	Owens Corning Roofing & Asphalt. LLC - Irving, TX
<b>Permit Type:</b>	SOP
<b>Project Type:</b>	Renewal
<b>Submission Type:</b>	New Application
<b>Project Number (if available):</b>	
Form Information	TCEQ Entry Only
<b>Title V Form Release Date:</b>	07/2025
<b>Form Number:</b>	10017
<b>APD ID Number:</b>	156v1.0
<b>Version Revised Date:</b>	07/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.





OP-REQ3

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

**Table 1a: Additions**

<b>Date: April 26, 2026</b>	<b>Regulated Entity No.: RN100225291</b>	<b>Permit No.: O1545</b>
<b>Company Name: Owens Corning Roofing &amp; Asphalt, LLC</b>	<b>Area Name: Owens Corning Roofing &amp; Asphalt, LLC – Irving, TX</b>	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
1	CONV 5	OP-UA20	60UU	PM	40 CFR Part 60, Subpart UU	§ 60.472(b)(1)
1	CONV 5	OP-UA20	60UU	PM (Opacity)	40 CFR Part 60, Subpart UU	§ 60.472(b)(5)
1	CONV 5	OP-UA1	63AAAAAA AA	PM	40 CFR Part 63, Subpart AAAAAAA	§ 63.11561(a)-Table 1.1.b § 63.11561(a) § 63.11561(c) § 63.11563(i)
5	TANK 1	OP-UA20	60UU	PM (Opacity)	40 CFR Part 60, Subpart UU	§ 60.472(c)
6	TANK 2	OP-UA20	60UU	PM (Opacity)	40 CFR Part 60, Subpart UU	§ 60.472(c)
7	TANK 15	OP-UA20	60UU	PM (Opacity)	40 CFR Part 60, Subpart UU	§ 60.472(c)
7	TANK 15	OP-UA3	60Kc	VOC	40 CFR Part 60, Subpart Kc	§ 60.110c(f)
8	EPN 189	OP-UA6	R7201	NOx	30 TAC Chapter 117 Subchapter B, Division 4	§ 117.410(a)(1)(C)
8	EPN 189	OP-UA6	R7201	CO	30 TAC Chapter 117 Subchapter B, Division 4	§ 117.410(c)(1)(B)
9	EPN 16	OP-UA5	R7201	NOx	30 TAC Chapter 117 Subchapter B, Division 4	§ 117.410(a)(3)(B)

9	EPN 16	OP-UA5	R7201	CO	30 TAC Chapter 117 Subchapter B, Division 4	§ 117.410(c)(1)(B)
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**Applicable Requirements Summary  
Form OP-REQ3 (Page 2)  
Federal Operating Permit Program**

**Table 1b: Additions**

<b>Date:</b> April 26, 2026	<b>Regulated Entity No.:</b> RN100225291	<b>Permit No.:</b> O1545
<b>Company Name:</b> Owens Corning Roofing & Asphalt, LLC	<b>Area Name:</b> Owens Corning Roofing & Asphalt, LLC – Irving, TX	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
1	CONV 5	60UU	PM	§ 60.473(b) § 60.473(d) § 60.474(b) § 60.474(c)(1) § 60.474(c)(2) § 60.474(c)(4) § 60.474(e) § 60.474(f)	§ 60.473(b) § 60.473(d) § 60.474(e)	§ 60.473(d) § 60.474(e) § 60.474(f)
1	CONV 5	60UU	PM (Opacity)	§ 60.473(d) § 60.474(b) § 60.474(c)(5)	§ 60.473(d)	§ 60.473(d)

1	CONV 5	63AAAAAAA	PM	§ 63.11562(a) § 63.11562(d) § 63.11562(h) § 63.11562(i)(1) § 63.11562(i)(2) § 63.11562(i)(2)(i) § 63.11562(i)(3) § 63.11563(a) § 63.11563(a) -Table 4.1 § 63.11563(b) § 63.11563(c) § 63.11563(d) § 63.11563(i) § 63.11563(j) § 63.11563(k)	§ 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(c)(8)	§ 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)
5	TANK 1	60UU	PM (Opacity)	§ 60.473(d) § 60.474(b) § 60.474(c)(5)	§ 60.473(d)	§ 60.473(d)
6	TANK 2	60UU	PM (Opacity)	§ 60.473(d) § 60.474(b) § 60.474(c)(5)	§ 60.473(d)	§ 60.473(d)
7	TANK 15	60UU	PM (Opacity)	§ 60.473(d) § 60.474(b) § 60.474(c)(5)	§ 60.473(d)	§ 60.473(d)
7	TANK 15	60Kc	VOC	§ 60.113c(d)(1)	§ 60.115c(a) § 60.115c(b) § 60.115c(c)	N/A
8	EPN 189	R7201	NOx	§ 117.430(b)(2) § 117.440(a)(1)(A) § 117.440(j) § 117.440(k)(1) § 117.440(k)(2)	§ 117.445(f)(1) § 117.445(f)(8)	§ 117.445(b) § 117.445(c)

8	EPN 189	R7201	CO	§ 117.440(a)(1)(A) § 117.440(j) § 117.440(k)(1) § 117.440(k)(2)	§ 117.445(f)(1) § 117.445(f)(8)	§ 117.445(b) § 117.445(c)
9	EPN 16	R7201	NO <sub>x</sub>	§ 117.430(b)(2) § 117.440(a)(1)(B) § 117.440(j) § 117.440(k)(1) § 117.440(k)(2)	§ 117.445(f)(1) § 117.445(f)(8)	§ 117.445(b) § 117.445(c)
9	EPN 16	R7201	CO	§ 117.440(a)(1)(B) § 117.440(j) § 117.440(k)(1) § 117.440(k)(2)	§ 117.445(f)(1) § 117.445(f)(8)	§ 117.445(b) § 117.445(c)

OP-PBRSUP

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**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
April 26, 2026	O1545	RN100225291

Unit ID No.	Registration No.	PBR No.	Registration Date
EPN BIN	131555	106.261	5/5/2015
TANK 1	164156	106.264	2/16/2021
Laminate Line Ink Jet Printers	164497	106.264	3/26/2021
TANK 2	168657	106.264	4/8/2022
TANK 15	182523	106.264	12/18/2025

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

Date	Permit Number	Regulated Entity Number
April 26, 2026	O1545	RN100225291

Unit ID No.	PBR No.	Version No./Date
WS-1	106.532	9/4/2000
WS-2	106.532	9/4/2000
WS-3	106.532	9/4/2000
WS-4	106.532	9/4/2000
WS-5	106.532	9/4/2000
Cooling Tower	106.371	9/4/2000
EPN 18	106.183	9/4/2000
EPN 318	106.183	9/4/2000
EPN 319	106.183	9/4/2000

OP-MON

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

<b>I. Identifying Information</b>		
Account No.: DB-0632-E	RN No.: RN100225291	CN: CN601173016
Permit No.: O1545	Project No.:	
Area Name: Owens Corning Roofing & Asphalt, LLC – Irving, TX		
Company Name: Owens Corning Roofing & Asphalt, LLC		
<b>II. Unit/Emission Point/Group/Process Information</b>		
Revision No.: 1		
Unit/EPN/Group/Process ID No.: CONV 5		
Applicable Form: OP-UA20		
<b>III. Applicable Regulatory Requirement</b>		
Name: NSPS UU		
SOP/GOP Index No.: 60UU		
Pollutant: PM (Opacity)		
Main Standard: § 60.472(b)(5)		
<b>IV. Title V Monitoring Information</b>		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-P-001		
Deviation Limit: Presence of visible emissions		
CAM/PM Option No.:		
Deviation Limit:		
<b>V. Control Device Information</b>		
Control Device ID No.:		
Control Device Type:		

**Texas Commission on Environmental Quality  
Monitoring Requirements  
Form OP-MON (Page 1)  
Federal Operating Permit Program**

**Table 1a: CAM/PM Additions**

<b>I. Identifying Information</b>		
Account No.: DB-0632-E	RN No.: RN100225291	CN: CN601173016
Permit No.: O1545	Project No.:	
Area Name: Owens Corning Roofing & Asphalt, LLC – Irving, TX		
Company Name: Owens Corning Roofing & Asphalt, LLC		
<b>II. Unit/Emission Point/Group/Process Information</b>		
Revision No.: 5		
Unit/EPN/Group/Process ID No.: TANK 1		
Applicable Form: OP-UA20		
<b>III. Applicable Regulatory Requirement</b>		
Name: NSPS UU		
SOP/GOP Index No.: 60UU		
Pollutant: PM (Opacity)		
Main Standard: § 60.472(c)		
<b>IV. Title V Monitoring Information</b>		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-P-001		
Deviation Limit: Presence of visible emissions		
CAM/PM Option No.:		
Deviation Limit:		
<b>V. Control Device Information</b>		
Control Device ID No.:		
Control Device Type:		

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

<b>I. Identifying Information</b>		
Account No.: DB-0632-E	RN No.: RN100225291	CN: CN601173016
Permit No.: O1545	Project No.:	
Area Name: Owens Corning Roofing & Asphalt, LLC – Irving, TX		
Company Name: Owens Corning Roofing & Asphalt, LLC		
<b>II. Unit/Emission Point/Group/Process Information</b>		
Revision No.: 6		
Unit/EPN/Group/Process ID No.: TANK 2		
Applicable Form: OP-UA20		
<b>III. Applicable Regulatory Requirement</b>		
Name: NSPS UU		
SOP/GOP Index No.: 60UU		
Pollutant: PM (Opacity)		
Main Standard: § 60.472(c)		
<b>IV. Title V Monitoring Information</b>		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-P-001		
Deviation Limit: Presence of visible emissions		
CAM/PM Option No.:		
Deviation Limit:		
<b>V. Control Device Information</b>		
Control Device ID No.:		
Control Device Type:		

**Texas Commission on Environmental Quality  
Monitoring Requirements  
Form OP-MON (Page 1)  
Federal Operating Permit Program**

**Table 1a: CAM/PM Additions**

<b>I. Identifying Information</b>		
Account No.: DB-0632-E	RN No.: RN100225291	CN: CN601173016
Permit No.: O1545	Project No.:	
Area Name: Owens Corning Roofing & Asphalt, LLC – Irving, TX		
Company Name: Owens Corning Roofing & Asphalt, LLC		
<b>II. Unit/Emission Point/Group/Process Information</b>		
Revision No.: 7		
Unit/EPN/Group/Process ID No.: TANK 15		
Applicable Form: OP-UA20		
<b>III. Applicable Regulatory Requirement</b>		
Name: NSPS UU		
SOP/GOP Index No.: 60UU		
Pollutant: PM (Opacity)		
Main Standard: § 60.472(c)		
<b>IV. Title V Monitoring Information</b>		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-P-001		
Deviation Limit: Presence of visible emissions		
CAM/PM Option No.:		
Deviation Limit:		
<b>V. Control Device Information</b>		
Control Device ID No.:		
Control Device Type:		

OP-SUMR

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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.
April 26, 2026	O1545	RN100225291

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	1	CONV 5	OP-UA1, UA20	Converter 5		NSR-81011	
D	2	FIN 1014		Fluid Bed Dryer and Dust Collector		PBR-164496	
D	3	FIN 1015		Natural Gas Heater		PBR-164496	
D	4	FIN 1016		Material Handling		PBR-164496	

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

[Table 2](#)

Date	Permit No.	Regulated Entity No.
April 26, 2026	O1545	RN100225291

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
9	EPN 16	OP-UA5	D	GRP-BURNERS

OP-CRO2

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

The Texas Commission on Environmental Quality (TCEQ) shall be notified of a new appointment or administrative information change (e.g., address, phone number, title) for a Responsible Official (RO), Designated Representative (DR), or Alternate Designated Representative (ADR) in the next submittal. This form satisfies the requirements for notification (a revised Certificate of Representation must also be submitted to the U.S. Environmental Protection agency for changes in the DR and ADR). After the initial submittal, if there is a change of Duly Authorized Representative (DAR) appointment or administrative information changes for the DAR, include a revised Form OP-DEL (Delegation of Responsible Official) with the next submittal to TCEQ.

<b>I. Identifying Information</b>
Account No.: DB-0632-E
Regulated Entity Number: RN100225291
Customer Reference Number: CN601173016
Permit Number: O1545
Area Name: Owens Corning Roofing & Asphalt, LLC - Irving, TX
Company: Owens Corning Roofing & Asphalt, LLC
<b>II. Change Type</b>
Action Type: <input checked="" type="checkbox"/> New Appointment <input type="checkbox"/> Administrative Information Change
Contact Type ( <b>only one response accepted per form</b> ): <input checked="" type="checkbox"/> Responsible Official <input type="checkbox"/> Designated Representative ( <i>Acid Rain Program and/or CSAPR sources only</i> ) <input type="checkbox"/> Alternate Designated Representative ( <i>Acid Rain Program and/or CSAPR sources only</i> )

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

<b>III. Responsible Official/Designated Representative/Alternate Designated Representative Information</b>
Conventional Title:
<input checked="" type="checkbox"/> Mr.
<input type="checkbox"/> Mrs.
<input type="checkbox"/> Ms.
<input type="checkbox"/> Dr.
Name (Driver's License/STEERS): Joseph Netter
Title: Site Leader
Appointment Effective Date: 06/16/2025
Telephone Number: 469-359-5935
Fax Number.:
Company Name: Owens Corning Roofing & Asphalt, LLC
Mailing Address: 201 North Nursery Rd
City: Irving
State: TX
ZIP Code: 75061
Email Address: joseph.netter@owenscorning.com

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

**IV. Certification of Truth, Accuracy, and Completeness**

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

I, Joseph Netter, certify that based on information and belief formed Reasonable inquiry, the statement and information stated above are true, accurate, and complete.

Signature: 

Signature Date: 4/23/26

OP-UA1

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**Miscellaneous and Generic Unit Attributes  
Form OP-UA1  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**General Information**

Requested Information	Response
<b>Date:</b>	04/26/2026
<b>Customer Reference No.:</b>	CN601173016
<b>Regulated Entity No.:</b>	RN100225291
<b>Permit No.:</b>	O1545
<b>Permit Area Name:</b>	Owens Corning Roofing & Asphalt. LLC - Irving, TX
<b>Permit Type:</b>	SOP
<b>Project Type:</b>	Renewal
<b>Submission Type:</b>	New Application
<b>Project Number (if available):</b>	
Form Information	TCEQ Entry Only
<b>Title V Form Release Date:</b>	10/1998
<b>Form Number:</b>	10044
<b>APD ID Number:</b>	35v1.0
<b>Version Revised Date:</b>	07/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

**Miscellaneous and Generic Unit Attributes  
Form OP-UA1  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

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<b>Table</b>	<b>Regulation</b>	<b>Page</b>	<b>Data Submitted</b>
N/A	N/A	<a href="#">OP-SUM Table 1</a>	Yes
N/A	N/A	<a href="#">OP-REQ2</a>	Yes
Table 1	N/A	<a href="#">Page 1</a>	Yes





**Miscellaneous and Generic Unit Attributes  
Form OP-UA1  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**Table 1**

<b>Unit ID No.</b>	<b>SOP/GOP Index No.</b>	<b>Unit Type</b>	<b>Date Constructed/Placed in Service</b>	<b>Functionally Identical Replacement</b>	<b>Maximum Rated Capacity</b>	<b>Technical Information and Unit Description</b>
CONV 2	63AAAAAAA	EU	FCD+			Converter
CONV 3	63AAAAAAA	EU	92-			Converter
CONV 4	63AAAAAAA	EU	92-			Converter
FIN 1004	63AAAAAAA	EU	92-			Coater
FIN 1012	63AAAAAAA	EU	92-			Coater
CONV 5	63AAAAAAA	EU	FCD+			Converter

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OP-UA3

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**Storage Tank/Vessel Attributes  
Form OP-UA3  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**General Information**

Requested Information	Response
<b>Date:</b>	04/26/2026
<b>Customer Reference No.:</b>	CN601173016
<b>Regulated Entity No.:</b>	RN100225291
<b>Permit No.:</b>	O1545
<b>Permit Area Name:</b>	Owens Corning Roofing & Asphalt, LLC - Irving, TX
<b>Permit Type:</b>	SOP
<b>Project Type:</b>	Renewal
<b>Submission Type:</b>	New Application
<b>Project Number (if available):</b>	
Form Information	TCEQ Entry Only
<b>Title V Form Release Date:</b>	10/2025
<b>Form Number:</b>	10008
<b>APD ID Number:</b>	37v2.0
<b>Version Revised Date:</b>	10/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

**Storage Tank/Vessel Attributes  
Form OP-UA3  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

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<b>Table</b>	<b>Regulation</b>	<b>Page</b>	<b>Data Submitted</b>
N/A	N/A	<a href="#">OP-SUM Table 1</a>	Yes
N/A	N/A	<a href="#">OP-REQ2</a>	Yes
Table 1	40 CFR Part 60, Subpart K: Standards of Performance for Storage Vessels for Petroleum Liquids	<a href="#">Page 1</a>	Yes
Table 2	40 CFR Part 60, Subpart Ka: Standards of Performance for Storage Vessels for Petroleum Liquids	<a href="#">Page 2</a>	Yes
Table 3	40 CFR Part 60, Subpart Kb: Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels)	<a href="#">Page 3</a>	Yes
Table 4a	30 TAC Chapter 115, Subchapter B: Storage of Volatile Organic Compounds (VOCs)	<a href="#">Page 4</a>	Yes
Table 4b	30 TAC Chapter 115, Subchapter B: Storage of Volatile Organic Compounds (VOCs)	<a href="#">Page 5</a>	Yes
Table 5	40 CFR Part 63, Subpart R: National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)	<a href="#">Page 6</a>	
Table 6	40 CFR Part 61, Subpart Y: National Emission Standards for Benzene Emissions from Benzene Storage Vessels	<a href="#">Page 7</a>	
Table 7	40 CFR Part 63, Subpart OO: National Emission Standards for Tanks - Level 1	<a href="#">Page 8</a>	
Table 8a	40 CFR Part 63, Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations	<a href="#">Page 9</a>	
Table 8b	40 CFR Part 63, Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations	<a href="#">Page 10</a>	
Table 8c	40 CFR Part 63, Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations	<a href="#">Page 11</a>	
Table 8d	40 CFR Part 63, Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations	<a href="#">Page 12</a>	
Table 9a	40 CFR Part 63, Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Storage Vessels	<a href="#">Page 13</a>	
Table 9b	40 CFR Part 63, Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Storage Vessels	<a href="#">Page 14</a>	
Table 10a	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	<a href="#">Page 15</a>	



**Storage Tank/Vessel Attributes  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations**

Unit AI	Revision No.	Unit ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		TANK 101	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		TANK 201	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		TANK 301	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		TANK 0	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		TANK 1	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		TANK 2	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		TANK 3	40 CFR Part 60, Subpart K	§60.113(d)(1)	Vapor pressure of stored VOC is less than 1 psia
		TANK 4	40 CFR Part 60, Subpart K	§60.113(d)(1)	Vapor pressure of stored VOC is less than 1 psia
		TANK 5	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		TANK 6	40 CFR Part 60, Subpart Ka	§60.115a(d)(1)	Vapor pressure of stored VOC is less than 1 psia
		TANK 13	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		TANK 14	40 CFR Part 60, Subpart K	§60.113(d)(1)	Vapor pressure of stored VOC is less than 1 psia
D	7	TANK 15	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		TANK 16	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		TANK 17	40 CFR Part 60, Subpart K	§60.113(d)(1)	Vapor pressure of stored VOC is less than 1 psia
		TANK 18	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		TANK 19	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		TANK 21	40 CFR Part 60, Subpart Kb	§60.110b(b)	Vapor pressure of stored VOC is less than 0.5 psia (3.5 kPa)
		EPN 258	40 CFR Part 60, Subpart Ka	§60.115a(d)(1)	Vapor pressure of stored VOC is less than 1 psia

**Storage Tank/Vessel Attributes  
Form OP-UA3  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**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**

Unit ID No.	SOP/GOP Index No.	Construction/Modification Date	Storage Capacity	Product Stored	True Vapor Pressure	Storage Vessel Description	Reid Vapor Pressure	Maximum TVP	Estimated TVP	Control Device ID No.
TANK 3	60K	74-78	65K+	PTLQ-1	1.5-	NONE1	OTH1-	1-		
TANK 4	60K	74-78	65K+	PTLQ-1	1.5-	NONE1	OTH1-	1-		
TANK 14	60K	74-78	65K+	PTLQ-1	1.5-	NONE1	OTH1-	1-		
TANK 17	60K	74-78	65K+	PTLQ-1	1.5-	NONE1	OTH1-	1-		

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**Storage Tank/Vessel Attributes  
Form OP-UA3  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**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**

Unit ID No.	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.
TANK 6	60Ka	PTLQ-2	40K-							
EPN 258	60Ka	PTLQ-2	40K-							

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**Storage Tank/Vessel Attributes  
Form OP-UA3  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**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)**

Unit ID No.	SOP/GOP Index No.	Product Stored	Storage Capacity	WW Tank Control	Maximum TVP	Storage Vessel Description	AMEL ID No.	Guidepole	Reid Vapor Pressure	Control Device ID No.
TANK 101	60Kb	VOL	10K-20K							
TANK 201	60Kb	VOL	10K-20K							
TANK 301	60Kb	VOL	10K-20K							
TANK 0	60Kb	VOL	40K+	NONE	0.5-					
TANK 1	60Kb	VOL	40K+	NONE	0.5-					
TANK 2	60Kb	VOL	40K+	NONE	0.5-					
TANK 5	60Kb	VOL	40K+	NONE	0.5-					
TANK 13	60Kb	VOL	10K-20K							
TANK 16	60Kb	VOL	10K-20K							
TANK 18	60Kb	VOL	20K-40K	NONE	2.2-					
TANK 19	60Kb	VOL	10K-							
TANK 21	60Kb	VOL	10K-							

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**Storage Tank/Vessel Attributes  
Form OP-UA3  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**Table 4a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter B: Storage of Volatile Organic Compounds (VOCs)**

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
TANK 101	R5112	NO		VOC1	A1K-25K			
TANK 201	R5112	NO		VOC1	A1K-25K			
TANK 301	R5112	NO		VOC1	A1K-25K			
TANK 0	R5112	NO		VOC1	A40K+			
TANK 1	R5112	NO		VOC1	A40K+			
TANK 2	R5112	NO		VOC1	A40K+			
TANK 3	R5112	NO		VOC1	A40K+			
TANK 4	R5112	NO		VOC1	A40K+			
TANK 5	R5112	NO		VOC1	A40K+			
TANK 6	R5112	NO		VOC1	A25K-40K			
TANK 13	R5112	NO		VOC1	A1K-25K			
TANK 14	R5112	NO		VOC1	A40K+			
TANK 15	R5112	NO		VOC1	A40K+			
TANK 16	R5112	NO		VOC1	A1K-25K			
TANK 17	R5112	NO		VOC1	A40K+			
TANK 18	R5112	NO		VOC1	A1K-25K			
TANK 19	R5112	NO		VOC1	A1K-25K			
TANK 21	R5112	NO		VOC1	A1K-25K			
EPN 258	R5112	NO		VOC1	A1K-25K			

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**Storage Tank/Vessel Attributes  
Form OP-UA3  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**Table 4b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter B: Storage of Volatile Organic Compounds (VOCs)**

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.
TANK 101	R5112		NONE1	1-				EPN 320
TANK 201	R5112		NONE1	1-				EPN 320
TANK 301	R5112		NONE1	1-				EPN 320
TANK 0	R5112		NONE1	1-				EPN 3
TANK 1	R5112		NONE1	1-				EPN 3
TANK 2	R5112		NONE1	1-				EPN 3
TANK 3	R5112		NONE1	1-				EPN 3
TANK 4	R5112		NONE1	1-				EPN 3
TANK 5	R5112		NONE1	1-				EPN 3
TANK 6	R5112		NONE1	1-				EPN 3
TANK 13	R5112		NONE1	1-				EPN 3
TANK 14	R5112		NONE1	1-				EPN 3
TANK 15	R5112		NONE1	1-				EPN 3
TANK 16	R5112		NONE1	1-				EPN 3
TANK 17	R5112		NONE1	1-				EPN 3
TANK 18	R5112		NONE1	1-				EPN 3
TANK 19	R5112		NONE1	1-				EPN 3
TANK 21	R5112		NONE1	1-				EPN 3
EPN 258	R5112		NONE1	1-				

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OP-UA4

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**Loading/Unloading Operations Attributes  
Form OP-UA4  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**General Information**

Requested Information	Response
<b>Date:</b>	04/26/2026
<b>Customer Reference No.:</b>	CN601173016
<b>Regulated Entity No.:</b>	RN100225291
<b>Permit No.:</b>	O1545
<b>Permit Area Name:</b>	Owens Corning Roofing & Asphalt, LLC - Irving, TX
<b>Permit Type:</b>	SOP
<b>Project Type:</b>	Renewal
<b>Submission Type:</b>	New Application
<b>Project Number (if available):</b>	
Form Information	TCEQ Entry Only
<b>Title V Form Release Date:</b>	02/2025
<b>Form Number:</b>	10041
<b>APD ID Number:</b>	38v1.0
<b>Version Revised Date:</b>	07/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

**Loading/Unloading Operations Attributes  
Form OP-UA4  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

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N/A	N/A	<a href="#">OP-SUM Table 1</a>	Yes
N/A	N/A	<a href="#">OP-REQ2</a>	Yes
Table 1a	30 TAC Chapter 115, Subchapter C: Loading and Unloading of Volatile Organic Compounds	<a href="#">Page 1</a>	Yes
Table 1b	30 TAC Chapter 115, Subchapter C: Loading and Unloading of Volatile Organic Compounds	<a href="#">Page 2</a>	
Table 2	40 CFR Part 60, Subpart XX: Standards of Performance for Bulk Gasoline Terminals	<a href="#">Page 3</a>	
Table 3	40 CFR Part 63, Subpart R: National Emission Standards for Gasoline Distribution Facilities	<a href="#">Page 4</a>	
Table 4a	40 CFR Part 63, Subpart Y: National Emission Standards for Marine Vessel Loading Operations	<a href="#">Page 5</a>	
Table 4b	40 CFR Part 63, Subpart Y: National Emission Standards for Marine Vessel Loading Operations	<a href="#">Page 6</a>	
Table 5	40 CFR Part 61, Subpart BB: National Emission Standards for Benzene Emissions from Benzene Transfer Operations	<a href="#">Page 7</a>	
Table 6	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	<a href="#">Page 8</a>	
Table 7a	40 CFR Part 63, Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Transfer Operations	<a href="#">Page 9</a>	
Table 7b	40 CFR Part 63, Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Transfer Operations	<a href="#">Page 10</a>	
Table 7c	40 CFR Part 63, Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Transfer Operations	<a href="#">Page 11</a>	
Table 7d	40 CFR Part 63, Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Transfer Operations	<a href="#">Page 12</a>	
Table 7e	40 CFR Part 63, Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Transfer Operations	<a href="#">Page 13</a>	
Table 7f	40 CFR Part 63, Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Transfer Operations	<a href="#">Page 14</a>	
Table 8	40 CFR Part 63, Subpart CCCCCC: National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities	<a href="#">Page 15</a>	





**Loading/Unloading Operations Attributes  
Form OP-UA4  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**Table 1a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter C: Loading and Unloading of Volatile Organic Compounds**

Unit ID No.	SOP/GOP Index No.	Chapter 115 Facility Type	Alternate Control Requirement (ACR)	ACR ID No.	Product Transferred	Transfer Type	True Vapor Pressure	Daily Through-put	Control Options
EPN 217	R5211	OTHER	NONE		VOC1	LOAD	0.5-		
EPN 218	R5211	OTHER	NONE		VOC1	LOAD	0.5-		
EPN 219	R5211	OTHER	NONE		VOC1	LOAD	0.5-		
EPN 273	R5211	OTHER	NONE		VOC1	LOAD	0.5-		

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OP-UA5

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**Process Heater/Furnace Attributes  
Form OP-UA5  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**General Information**

Requested Information	Response
<b>Date:</b>	04/26/2026
<b>Customer Reference No.:</b>	CN601173016
<b>Regulated Entity No.:</b>	RN100225291
<b>Permit No.:</b>	O1545
<b>Permit Area Name:</b>	Owens Corning Roofing & Asphalt, LLC - Irving, TX
<b>Permit Type:</b>	SOP
<b>Project Type:</b>	Renewal
<b>Submission Type:</b>	New Application
<b>Project Number (if available):</b>	
Form Information	TCEQ Entry Only
<b>Title V Form Release Date:</b>	05/2021
<b>Form Number:</b>	10025
<b>APD ID Number:</b>	39v1.0
<b>Version Revised Date:</b>	07/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

**Process Heater/Furnace Attributes  
Form OP-UA5  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

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<b>Table</b>	<b>Regulation</b>	<b>Page</b>	<b>Data Submitted</b>
N/A	N/A	<a href="#">OP-SUM Table 1</a>	Yes
N/A	N/A	<a href="#">OP-SUM Table 2</a>	
N/A	N/A	<a href="#">OP-REQ2</a>	Yes
Table 1a	30 TAC Chapter 117, Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas, Process Heaters	<a href="#">Page 1</a>	Yes
Table 1b	30 TAC Chapter 117, Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas, Process Heaters	<a href="#">Page 2</a>	Yes
Table 1c	30 TAC Chapter 117, Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas, Process Heaters	<a href="#">Page 3</a>	Yes
Table 2	30 TAC Chapter 112, Control of Air Pollution from Sulfur Compounds	<a href="#">Page 4</a>	
Table 3a	30 TAC Chapter 117, Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas, Furnaces	<a href="#">Page 5</a>	
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Table 6a	40 CFR Part 63, Subchapter DDDDD: Industrial, Commercial, and Institutional Process Heaters	<a href="#">Page 10</a>	
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Table 6c	40 CFR Part 63, Subchapter DDDDD: Industrial, Commercial, and Institutional Process Heaters	<a href="#">Page 12</a>	
Table 6d	40 CFR Part 63, Subchapter DDDDD: Industrial, Commercial, and Institutional Process Heaters	<a href="#">Page 13</a>	
Table 6e	40 CFR Part 63, Subchapter DDDDD: Industrial, Commercial, and Institutional Process Heaters	<a href="#">Page 14</a>	
Table 6f	40 CFR Part 63, Subchapter DDDDD: Industrial, Commercial, and Institutional Process Heaters	<a href="#">Page 15</a>	
Table 6g	40 CFR Part 63, Subchapter DDDDD: Industrial, Commercial, and Institutional Process Heaters	<a href="#">Page 16</a>	





**Process Heater/Furnace Attributes  
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**Table 1a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)  
Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas, Process Heaters**

Unit ID No.	SOP/GOP Index No.	Unit Type	Maximum Rated Capacity	RACT Date Placed in Service	Functionally Identical Replacement	Fuel Type(s)	Fuel Type(s)	Fuel Type(s)	Annual Heat Input	NOx Emission Limitation	Opt-In Unit	23C-Option
EPN 16	R7201	PRHTR	5-40			NG				410A		

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**Table 1b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)  
Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas, Process Heaters**

Unit ID No.	SOP/GOP Index No.	Diluent CEMS	30 TAC Chapter 116 Limit	NOx Emission Limit Basis	NOx Reduction	Common Stack Combined	Fuel Type Heat Input	NOx Monitoring System
EPN 16	R7201	NO		BLK1-LB	FRCFG			MERT

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**Table 1c: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)  
Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas, Process Heaters**

Unit ID No.	SOP/GOP Index No.	Fuel Flow Monitoring	CO Emission Limitation	CO Monitoring System	NH3 Emission Limitation	NH3 Monitoring
EPN 16	R7201	X40A	410C	OTHER		

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OP-UA6

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**Boiler/Steam Generator/Steam Generating Unit Attributes  
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Texas Commission on Environmental Quality**

**General Information**

Requested Information	Response
<b>Date:</b>	04/26/2026
<b>Customer Reference No.:</b>	CN601173016
<b>Regulated Entity No.:</b>	RN100225291
<b>Permit No.:</b>	O1545
<b>Permit Area Name:</b>	Owens Corning Roofing & Asphalt, LLC - Irving, TX
<b>Permit Type:</b>	SOP
<b>Project Type:</b>	Renewal
<b>Submission Type:</b>	New Application
<b>Project Number (if available):</b>	
Form Information	TCEQ Entry Only
<b>Title V Form Release Date:</b>	10/2025
<b>Form Number:</b>	10026
<b>APD ID Number:</b>	40v2.0
<b>Version Revised Date:</b>	10/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

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N/A	N/A	<a href="#">OP-REQ2</a>	Yes
Table 1a	40 CFR Part 60, Subpart D: Standards of Performance for Fossil Fuel-Fired Steam Generators	<a href="#">Page 1</a>	Yes
Table 1b	40 CFR Part 60, Subpart D: Standards of Performance for Fossil Fuel-Fired Steam Generators	<a href="#">Page 2</a>	
Table 2a	40 CFR Part 60, Subpart Da: Standards of Performance for Electric Utility Steam Generating Units	<a href="#">Page 3</a>	
Table 2b	40 CFR Part 60, Subpart Da: Standards of Performance for Electric Utility Steam Generating Units	<a href="#">Page 4</a>	
Table 2c	40 CFR Part 60, Subpart Da: Standards of Performance for Electric Utility Steam Generating Units	<a href="#">Page 5</a>	
Table 3a	40 CFR Part 60, Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units	<a href="#">Page 6</a>	
Table 3b	40 CFR Part 60, Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units	<a href="#">Page 7</a>	
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Table 3e	40 CFR Part 60, Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units	<a href="#">Page 10</a>	
Table 4a	40 CFR Part 60, Subpart Dc: Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units	<a href="#">Page 11</a>	
Table 4b	40 CFR Part 60, Subpart Dc: Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units	<a href="#">Page 12</a>	
Table 5a	30 TAC Chapter 117, Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas	<a href="#">Page 13</a>	Yes
Table 5b	30 TAC Chapter 117, Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas	<a href="#">Page 14</a>	Yes
Table 5c	30 TAC Chapter 117, Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas	<a href="#">Page 15</a>	Yes
Table 6a	30 TAC Chapter 117, Subchapter C: Combustion Control at Major Utility Electric Generation Sources in Ozone Nonattainment Areas	<a href="#">Page 16</a>	

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Table 7	30 TAC Chapter 112, Subchapters A-D: Control of Air Pollution from Sulfur Compounds	<a href="#">Page 18</a>	
Table 8a	30 TAC Chapter 113, Subchapter D: Hospital/Medical/Infectious Waste Incinerators	<a href="#">Page 19</a>	
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Table 9a	30 TAC Chapter 117, Subchapter E, Division 1: Utility Electric Generation in East and Central Texas	<a href="#">Page 22</a>	
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Table 10a	40 CFR Part 63, Subpart EEE: Hazardous Waste Combustors	<a href="#">Page 24</a>	
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Table 11	30 TAC Chapter 111, Subchapter A, Division 2: Incineration	<a href="#">Page 26</a>	
Table 12	30 TAC Chapter 111, Subchapter A, Division 5: Emission Limits on Nonagricultural Processes	<a href="#">Page 27</a>	
Table 13a	40 CFR Part 63, Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units	<a href="#">Page 28</a>	
Table 13b	40 CFR Part 63, Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units	<a href="#">Page 29</a>	
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Table 13i	40 CFR Part 63, Subpart UUUUU: Coal- and Oil-Fired Electric Utility Steam Generating Units	<a href="#">Page 36</a>	

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Table 14e	40 CFR Part 63, Subpart DDDDD: Industrial, Commercial, and Institutional Boilers	<a href="#">Page 41</a>	
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**Table 1a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart D: Standards of Performance for Fossil Fuel-Fired Steam Generators**

Unit ID No.	SOP Index No.	Construction/Modification Date	Covered Under Subpart D or KKKK	Changes to Existing Affected Facility	Heat Input Rate	Alternate 42C	PM CEMS	Opacity Monitoring	Gas/Liquid Fuel	Fuels with 0.33 % or Less Sulfur	Specific Site
EPN 189	60D	71-76	NO	NO	250-						

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**Boiler/Steam Generator/Steam Generating Unit Attributes**  
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**Table 5a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)**  
**Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas**

Unit ID No.	SOP Index No.	Unit Type	MRC	RACT Date Placed in Service	Functionally Identical Replacement	Fuel Type	Fuel Type	Fuel Type	Annual Heat Input
EPN 189	R7201	ICIB	2-40			NG			

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**Table 5b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)**  
**Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas**

Unit ID No.	SOP Index No.	NOX Emission Limitation	Opt-In Unit	23C-Option	Title 30 TAC Chapter 116 Permit Limit	EGF System Cap Unit	NOX Emission Limit Average	NOX Reduction	Common Stack Combined
EPN 189	R7201	410A					BLK1-LB	FRCFG	

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**Table 5c: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)  
Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas**

Unit ID No.	SOP Index No.	Fuel Type Heat Input	NOX Monitoring System	Fuel Flow Monitoring	CO Emission Limitation	CO Monitoring System	NH3 Emission Limitation	NH3 Emission Monitoring
EPN 189	R7201		MERT	X40A	410C	OTHER		

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OP-UA15

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**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes  
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Texas Commission on Environmental Quality**

**General Information**

Requested Information	Response
<b>Date:</b>	04/26/2026
<b>Customer Reference No.:</b>	CN601173016
<b>Regulated Entity No.:</b>	RN100225291
<b>Permit No.:</b>	O1545
<b>Permit Area Name:</b>	Owens Corning Roofing & Asphalt, LLC - Irving, TX
<b>Permit Type:</b>	SOP
<b>Project Type:</b>	Renewal
<b>Submission Type:</b>	New Application
<b>Project Number (if available):</b>	
Form Information	TCEQ Entry Only
<b>Title V Form Release Date:</b>	11/2022
<b>Form Number:</b>	10046
<b>APD ID Number:</b>	50v2.0
<b>Version Revised Date:</b>	10/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

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N/A	N/A	<a href="#">OP-REQ2</a>	Yes
Table 1a	30 TAC Chapter 111, Subchapter A: Visible Emissions	<a href="#">Page 1</a>	Yes
Table 1b	30 TAC Chapter 111, Subchapter A: Visible Emissions	<a href="#">Page 2</a>	
Table 2a	30 TAC Chapter 115, Subchapter B: Vent Gas Control	<a href="#">Page 3</a>	Yes
Table 2b	30 TAC Chapter 115, Subchapter B: Vent Gas Control	<a href="#">Page 4</a>	
Table 2c	30 TAC Chapter 115, Subchapter B: Vent Gas Control	<a href="#">Page 5</a>	
Table 3a	30 TAC Chapter 119, Control of Air Pollution from Carbon Monoxide	<a href="#">Page 6</a>	
Table 3b	30 TAC Chapter 119, Control of Air Pollution from Carbon Monoxide	<a href="#">Page 7</a>	
Table 4a	40 CFR Part 63, Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations	<a href="#">Page 8</a>	
Table 4b	40 CFR Part 63, Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations	<a href="#">Page 9</a>	
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Table 5b	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	<a href="#">Page 12</a>	
Table 6a	40 CFR Part 63, Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents	<a href="#">Page 13</a>	
Table 6b	40 CFR Part 63, Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents	<a href="#">Page 14</a>	
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Table 7	40 CFR Part 63, Subpart O: Ethylene Oxide Emission Standards for Sterilization Facilities	<a href="#">Page 16</a>	
Table 8a	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins, Continuous Front-end Process Vents	<a href="#">Page 17</a>	

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Table 9b	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins, Batch and Aggregate Batch Process Vents	<a href="#">Page 21</a>	
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Table 11a	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Batch and Aggregate Batch Process Vents	<a href="#">Page 27</a>	
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Table 12b	30 TAC Chapter 115, Subchapter H, Division 1: Highly-Reactive Volatile Organic Compounds-Vent Gas Control	<a href="#">Page 31</a>	

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Table 13b	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents	<a href="#">Page 33</a>	
Table 13c	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents	<a href="#">Page 34</a>	
Table 13d	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents	<a href="#">Page 35</a>	
Table 13e	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents	<a href="#">Page 36</a>	
Table 13f	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents	<a href="#">Page 37</a>	
Table 13g	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents	<a href="#">Page 38</a>	
Table 14	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Batch Process Vents	<a href="#">Page 39</a>	
Table 15	30 TAC Chapter 111, Subchapter A, Division 5: Emission Limits on Nonagricultural Processes	<a href="#">Page 40</a>	Yes
Table 16a	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	<a href="#">Page 41</a>	
Table 16b	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	<a href="#">Page 42</a>	



**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes  
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**Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations**

<b>Unit AI</b>	<b>Revision No.</b>	<b>Emission Point ID No.</b>	<b>Potentially Applicable Regulatory Name</b>	<b>Negative Applicability/Superseded Requirement Citation</b>	<b>Negative Applicability/Superseded Requirement Reason</b>
		EPN 3	30 TAC Chapter 117, Subchapter B	§117.403(a)(3)	Incinerator has a maximum rated capacity equal to or less than 40 MMBtu/hr
		EPN 3	40 CFR Part 63, Subpart AAAAAAA	§63.11559(b)(1),(2)	The incinerator is not an affected source as defined in paragraphs (b)(1) and (b)(2) as it is not a blowing still or coating equipment.
		EPN 320	30 TAC Chapter 117, Subchapter B	§117.403(a)(3)	RTO has a maximum rated capacity equal to or less than 40 MMBtu/hr
		EPN 320	40 CFR Part 63, Subpart AAAAAAA	§63.11559(b)(1),(2)	The RTO is not an affected source as defined in paragraphs (b)(1) and (b)(2) as it is not a blowing still or coating equipment.
		EPN 325	30 TAC Chapter 117, Subchapter B	§117.403(a)(3)	RTO has a maximum rated capacity equal to or less than 40 MMBtu/hr
		EPN 325	40 CFR Part 63, Subpart AAAAAAA	§63.11559(b)(1),(2)	The RTO is not an affected source as defined in paragraphs (b)(1) and (b)(2) as it is not a blowing still or coating equipment.
		EPN 312	30 TAC Chapter 115, Vent Gas Controls	§115.127(a)(7)	Combustion unit exhaust not used as control
		EPN 312	30 TAC Chapter 117, Subchapter B	§117.403(a)(3)	Process heater has a maximum rated capacity equal to or less than 5 MMBtu/hr
		EPN 189	30 TAC Chapter 115, Vent Gas Controls	§115.127(a)(7)	Combustion unit exhaust not used as control
		EPN 273	30 TAC Chapter 115, Vent Gas Controls	§115.127(a)(6)	Vent gas stream is subject to 30 TAC 115 Subchapter C Division 1

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
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**Table 1a: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)**  
**Subchapter A: Visible Emissions**

<b>Emission Point ID No.</b>	<b>SOP/GOP Index No.</b>	<b>Alternate Opacity Limitation</b>	<b>AOL ID No.</b>	<b>Vent Source</b>	<b>Opacity Monitoring System</b>	<b>Construction Date</b>	<b>Effluent Flow Rate</b>
EPN 321	R1111	NO		OTHER	NONE	72+	100+
EPN 322	R1111	NO		OTHER	NONE	72+	100+

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**Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter B: Vent Gas Control**

<b>Emission Point ID No.</b>	<b>SOP/GOP Index No.</b>	<b>Chapter 115 Division</b>	<b>Combustion Exhaust</b>	<b>Vent Type</b>	<b>Total Uncontrolled VOC Weight</b>	<b>Combined 24-Hour VOC Weight</b>	<b>VOC Concentration</b>	<b>VOC Concentration or Emission Rate at Maximum Operating Conditions</b>
EPN 3	R5121	NO	NO	REGVAPPL		100-	612-	YES
EPN 23	R5121	NO	NO	REGVAPPL		100-	612-	YES
EPN 24	R5121	NO	NO	REGVAPPL		100-	612-	YES
EPN 320	R5121	NO	NO	REGVAPPL		100+	612-	YES
EPN 321	R5121	NO	NO	REGVAPPL		100-	612-	YES
EPN 322	R5121	NO	NO	REGVAPPL		100-	612-	YES
EPN 325	R5121	NO	NO	REGVAPPL		100+	612-	YES

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**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

**Table 15: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)**  
**Subchapter A, Division 5: Emission Limits on Nonagricultural Processes**

Emission Point ID No.	SOP Index No.	Effective Stack Height
EPN 312	R1151	YES
EPN 328	R1151	YES
EPN 330	R1151	YES
EPN 331	R1151	YES

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OP-UA20

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**Asphalt Operations Attributes  
Form OP-UA20  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**General Information**

Requested Information	Response
<b>Date:</b>	04/26/2026
<b>Customer Reference No.:</b>	CN601173016
<b>Regulated Entity No.:</b>	RN100225291
<b>Permit No.:</b>	O1545
<b>Permit Area Name:</b>	Owens Corning Roofing & Asphalt, LLC - Irving, TX
<b>Permit Type:</b>	SOP
<b>Project Type:</b>	Renewal
<b>Submission Type:</b>	New Application
<b>Project Number (if available):</b>	
Form Information	TCEQ Entry Only
<b>Title V Form Release Date:</b>	11/2023
<b>Form Number:</b>	10031
<b>APD ID Number:</b>	55v1.0
<b>Version Revised Date:</b>	07/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

**Asphalt Operations Attributes  
Form OP-UA20  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**Table of Contents**

<b>Table</b>	<b>Regulation</b>	<b>Page</b>	<b>Data Submitted</b>
N/A	N/A	<a href="#">OP-SUM Table 1</a>	Yes
N/A	N/A	<a href="#">OP-REQ2</a>	Yes
Table 1	30 TAC Chapter 115, Subchapter F, Division 1: Cutback Asphalt	<a href="#">Page 1</a>	
Table 2	40 CFR Part 60, Subpart I: Standards of Performance for Hot Mix Asphalt Facilities	<a href="#">Page 2</a>	
Table 3a	40 CFR Part 60, Subpart UU: Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture	<a href="#">Page 3</a>	Yes
Table 3b	40 CFR Part 60, Subpart UU: Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture	<a href="#">Page 4</a>	Yes
Table 3c	40 CFR Part 60, Subpart UU: Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture	<a href="#">Page 5</a>	Yes

**Asphalt Operations Attributes  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**Form OP-SUM - Individual Unit Summary  
Table 1**

Unit AI	Revision No.	Process ID No.	Group ID No.	Process Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		TANK 101		Bulk Sealant Tank (Tank 101)			NSR Permit	81011		
		TANK 201		Bulk Sealant Tank (Tank 201)			NSR Permit	81011		
		TANK 301		Bulk Adhesive Tank (Tank 301)			NSR Permit	81011		
		TANK 0		Tank 0			NSR Permit	81011		
		TANK 1		Tank 1			NSR Permit	81011		
		TANK 1		Tank 1		A	PBR	164156	106.264	09/04/2000
		TANK 2		Tank 2			NSR Permit	81011		
		TANK 2		Tank 2		A	PBR	168657	106.264	09/04/2000
		TANK 3		Tank 3			NSR Permit	81011		
		TANK 4		Tank 4			NSR Permit	81011		
		TANK 5		Tank 5			NSR Permit	81011		
		TANK 6		Tank 6			NSR Permit	81011		
		TANK 13		Tank 13			NSR Permit	81011		
		TANK 14		Tank 14			NSR Permit	81011		
		TANK 15		Tank 15			NSR Permit	81011		
		TANK 15		Tank 15		A	PBR	182523	106.264	09/04/2000
		TANK 16		Tank 16			NSR Permit	81011		
		TANK 17		Tank 17			NSR Permit	81011		
		TANK 18		Tank 18			NSR Permit	81011		
		CONV 2		Converter 2			NSR Permit	81011		
		CONV 3		Converter 3			NSR Permit	81011		
		CONV 4		Converter 4			NSR Permit	81011		
		EPN 4		3-Tab Line Filler Storage Silo Dust Collector			NSR Permit	81011		
		EPN 6		3-Tab Line Filler Heater and Lower Surge Hopper DC			NSR Permit	81011		

**Asphalt Operations Attributes  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**Form OP-SUM - Individual Unit Summary  
Table 1**

Unit AI	Revision No.	Process ID No.	Group ID No.	Process Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		EPN 10		Lam Line Sand Storage Silo Dust Collector			NSR Permit	81011		
		EPN 323		Lam Line Filler Upper Surge Hopper Dust Collector			NSR Permit	81011		
		EPN 326		Lam Line Filler Storage Silo Dust Collector			NSR Permit	81011		
		EPN 327		Lam Line Filler Heater and Lower Surge Hopper DC			NSR Permit	81011		
		EPN 330		3-Tab Line Surfacing Materials Silo and Unloading			NSR Permit	81011		
		EPN 331		Lam Line Surfacing Materials Silo and Unloading			NSR Permit	81011		
		EPN 320		3-Tab Line Regenerative Thermal Oxidizer Stack			NSR Permit	81011		
		EPN 325		Lam Line Regenerative Thermal Oxidizer Stack			NSR Permit	81011		
		EPN 400		Sealant Filler Hopper Dust Collector			NSR Permit	81011		
		EPN 401		Adhesive Filler Hopper Dust Collector			NSR Permit	81011		
		EPN UNLOAD		Railcar/Truck Granule Unloading Fugitives			NSR Permit	81011		
		EPN BIN		3-Tab Line Mix Skid Dust Collector			PBR	131555	106.261	11/01/2003
		FIN 1004		3-Tab Line Coater			NSR Permit	81011		
		FIN 1012		Lam Line Coater			NSR Permit	81011		
D	4	FIN 1016		Material Handling			PBR	164496	106.261	11/01/2003



**Asphalt Operations Attributes  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations**

<b>Unit AI</b>	<b>Revision No.</b>	<b>Process ID No.</b>	<b>Potentially Applicable Regulatory Name</b>	<b>Negative Applicability/Superseded Requirement Citation</b>	<b>Negative Applicability/Superseded Requirement Reason</b>
D	5	TANK 1	40 CFR Part 60, Subpart UU	§60.470(b)	Installed prior to Nov 18, 1980
D	6	TANK 2	40 CFR Part 60, Subpart UU	§60.470(b)	Installed prior to Nov 18, 1980
		TANK 3	40 CFR Part 60, Subpart UU	§60.470(b)	Installed prior to Nov 18, 1980
		TANK 4	40 CFR Part 60, Subpart UU	§60.470(b)	Installed prior to Nov 18, 1980
		TANK 6	40 CFR Part 60, Subpart UU	§60.470(b)	Installed prior to Nov 18, 1980
		TANK 14	40 CFR Part 60, Subpart UU	§60.470(b)	Installed prior to Nov 18, 1980
D	7	TANK 15	40 CFR Part 60, Subpart UU	§60.470(b)	Installed prior to Nov 18, 1980
		CONV 3	40 CFR Part 60, Subpart UU	§60.470(b)	Installed prior to Nov 18, 1980
		EPN 6	40 CFR Part 60, Subpart UU	§60.471	Material handling only includes unloading from a carrier, conveyor transfer points between the carrier and the storage silos, and the storage silos. Vents which have emissions from material handling are not included.
		EPN 323	40 CFR Part 60, Subpart UU	§60.471	Material handling only includes unloading from a carrier, conveyor transfer points between the carrier and the storage silos, and the storage silos. Vents which have emissions from material handling are not included.
		EPN 327	40 CFR Part 60, Subpart UU	§60.471	Material handling only includes unloading from a carrier, conveyor transfer points between the carrier and the storage silos, and the storage silos. Vents which have emissions from material handling are not included.
		EPN 400	40 CFR Part 60, Subpart UU	§60.471	Material handling only includes unloading from a carrier, conveyor transfer points between the carrier and the storage silos, and the storage silos. Vents which have emissions from material handling are not included.
		EPN 401	40 CFR Part 60, Subpart UU	§60.471	Material handling only includes unloading from a carrier, conveyor transfer points between the carrier and the storage silos, and the storage silos. Vents which have emissions from material handling are not included.

**Asphalt Operations Attributes  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations**

<b>Unit AI</b>	<b>Revision No.</b>	<b>Process ID No.</b>	<b>Potentially Applicable Regulatory Name</b>	<b>Negative Applicability/Superseded Requirement Citation</b>	<b>Negative Applicability/Superseded Requirement Reason</b>
		EPN BIN	40 CFR Part 60, Subpart UU	§60.471	Material handling only includes unloading from a carrier, conveyor transfer points between the carrier and the storage silos, and the storage silos. Vents which have emissions from material handling are not included.
D	4	FIN 1016	40 CFR Part 60, Subpart UU	§60.471	Material handling only includes unloading from a carrier, conveyor transfer points between the carrier and the storage silos, and the storage silos. Vents which have emissions from material handling are not included.

**Asphalt Operations Attributes  
Form OP-UA20  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**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**

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
TANK 101	60UU	ASRP	80+	NO				
TANK 201	60UU	ASRP	80+	NO				
TANK 301	60UU	ASRP	80+	NO				
TANK 0	60UU	ASPP	80+	NO				
TANK 1	60UU	ASPP	80+	NO				
TANK 2	60UU	ASPP	80+	NO				
TANK 3	60UU	ASPP	80-	NO				
TANK 4	60UU	ASPP	80-	NO				
TANK 5	60UU	ASPP	80+	NO				
TANK 6	60UU	ASPP	80-	NO				
TANK 13	60UU	ASPP	80+	NO				
TANK 14	60UU	ASPP	80-	NO				
TANK 15	60UU	ASPP	80+	NO				
TANK 16	60UU	ASPP	80+	NO				
TANK 17	60UU	ASPP	80-	NO				
TANK 18	60UU	ASPP	80+	NO				
CONV 2	60UU	ASPP	80+	NO				
CONV 3	60UU	ASPP	80-	NO				
CONV 4	60UU	ASPP	80+	NO				
CONV 5	60UU	ASPP	80+	NO				
EPN 4	60UU	ASRP	80+	NO				
EPN 6	60UU	ASRP	80+	NO				
EPN 10	60UU	ASRP	80+	NO				
EPN 323	60UU	ASRP	80+	NO				
EPN 326	60UU	ASRP	80+	NO				
EPN 327	60UU	ASRP	80+	NO				
EPN 330	60UU	ASRP	80+	NO				
EPN 331	60UU	ASRP	80+	NO				
EPN 320	60UU	ASRP	80+	NO				
EPN 325	60UU	ASRP	80+	NO				

**Asphalt Operations Attributes  
Form OP-UA20  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**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**

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 400	60UU	ASRP	80+	NO				
EPN 401	60UU	ASRP	80+	NO				
EPN UNLOAD	60UU	ASRP	80+	NO				
EPN BIN	60UU	ASRP	80+	NO				
FIN 1004	60UU	ASRP	80+	YES	AS	OTHER	EPN 320	C80+
FIN 1012	60UU	ASRP	80+	YES	AS	OTHER	EPN 325	C80+

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**Asphalt Operations Attributes  
Form OP-UA20  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**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**

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
TANK 101	60UU	NO							
TANK 201	60UU	NO							
TANK 301	60UU	NO							
TANK 0	60UU	NO							
TANK 1	60UU	NO							
TANK 2	60UU	NO							
TANK 3	60UU	NO							
TANK 4	60UU	NO							
TANK 5	60UU	NO							
TANK 6	60UU	NO							
TANK 13	60UU	NO							
TANK 14	60UU	NO							
TANK 15	60UU	NO							
TANK 16	60UU	NO							
TANK 17	60UU	NO							
TANK 18	60UU	NO							
CONV 2	60UU	YES	OTHER	AFB	EPN 3	81+	YES	OTHER	NO
CONV 3	60UU	YES	OTHER	AFB	EPN 3	81-	YES	OTHER	NO
CONV 4	60UU	YES	OTHER	AFB	EPN 3	81+	YES	OTHER	NO
CONV 5	60UU	YES	OTHER	AFB	EPN 3	81+	YES	OTHER	NO
EPN 4	60UU	NO							
EPN 6	60UU	NO							
EPN 10	60UU	NO							
EPN 323	60UU	NO							
EPN 326	60UU	NO							
EPN 327	60UU	NO							
EPN 330	60UU	NO							
EPN 331	60UU	NO							
EPN 400	60UU	NO							
EPN 401	60UU	NO							

**Asphalt Operations Attributes  
Form OP-UA20  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**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**

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
EPN UNLOAD	60UU	NO							
EPN BIN	60UU	NO							
FIN 1004	60UU	NO							
FIN 1012	60UU	NO							

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**Asphalt Operations Attributes  
Form OP-UA20  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**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**

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.
TANK 101	60UU	YES	OTHER	AFB	EPN 320	81+	NO		
TANK 201	60UU	YES	OTHER	AFB	EPN 320	81+	NO		
TANK 301	60UU	YES	OTHER	AFB	EPN 320	81+	NO		
TANK 0	60UU	YES	OTHER	AFB	EPN 3	81+	NO		
TANK 1	60UU	YES	OTHER	AFB	EPN 3	81+	NO		
TANK 2	60UU	YES	OTHER	AFB	EPN 3	81+	NO		
TANK 3	60UU	YES	OTHER	AFB	EPN 3	81-	NO		
TANK 4	60UU	YES	OTHER	AFB	EPN 3	81-	NO		
TANK 5	60UU	YES	OTHER	AFB	EPN 3	81+	NO		
TANK 6	60UU	YES	OTHER	AFB	EPN 3	81-	NO		
TANK 13	60UU	YES	OTHER	AFB	EPN 3	81+	NO		
TANK 14	60UU	YES	OTHER	AFB	EPN 3	81-	NO		
TANK 15	60UU	YES	OTHER	AFB	EPN 3	81-	NO		
TANK 16	60UU	YES	OTHER	AFB	EPN 3	81+	NO		
TANK 17	60UU	YES	OTHER	AFB	EPN 3	81-	NO		
TANK 18	60UU	YES	OTHER	AFB	EPN 3	81+	NO		
CONV 2	60UU	NO					NO		
CONV 3	60UU	NO					NO		
CONV 4	60UU	NO					NO		
CONV 5	60UU	NO					NO		
EPN 4	60UU	NO					YES	OTHER	EPN 4
EPN 6	60UU	NO					NO		
EPN 10	60UU	NO					YES	OTHER	EPN 10
EPN 323	60UU	NO					NO		
EPN 326	60UU	NO					YES	OTHER	EPN 326
EPN 327	60UU	NO					NO		
EPN 330	60UU	NO					YES		
EPN 331	60UU	NO					YES		
EPN 400	60UU	NO					NO		
EPN 401	60UU	NO					NO		

**Asphalt Operations Attributes  
Form OP-UA20  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

**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**

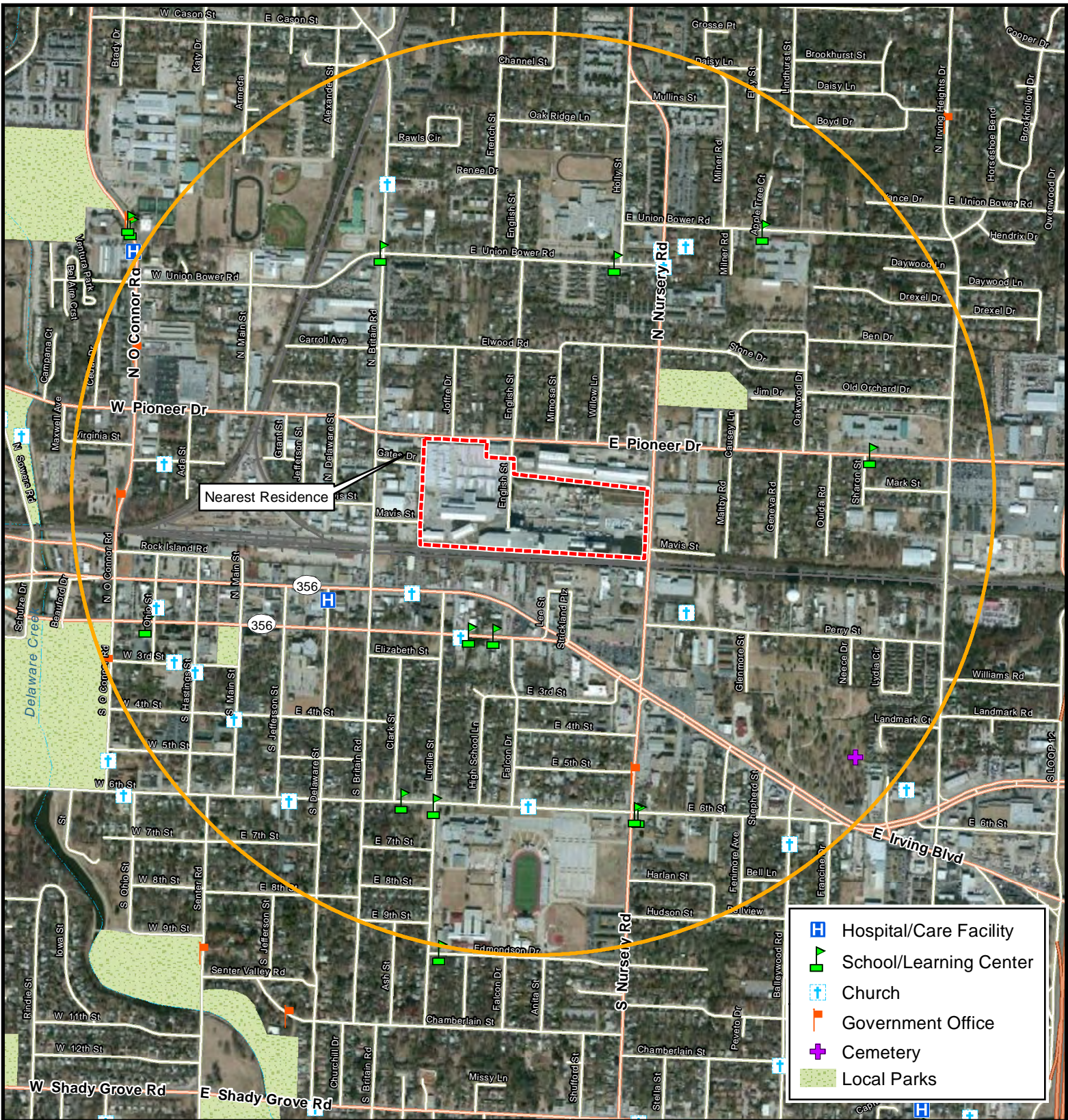
Unit ID No.	SOP Index No.	Storage Tanks	Material Stored	Emissions Control	Control Device ID No.	Construction/Modification Date	Mineral Handling/Storage	Emissions Control	Control Device ID No.
EPN UNLOAD	60UU	NO					YES		
EPN BIN	60UU	NO					NO		
FIN 1004	60UU	NO					NO		
FIN 1012	60UU	NO					NO		

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




Appendix A

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Area Map




Nearest Residence

-  Hospital/Care Facility
-  School/Learning Center
-  Church
-  Government Office
-  Cemetery
-  Local Parks



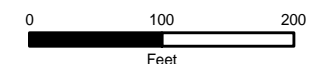
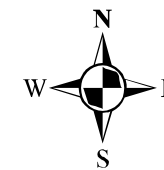
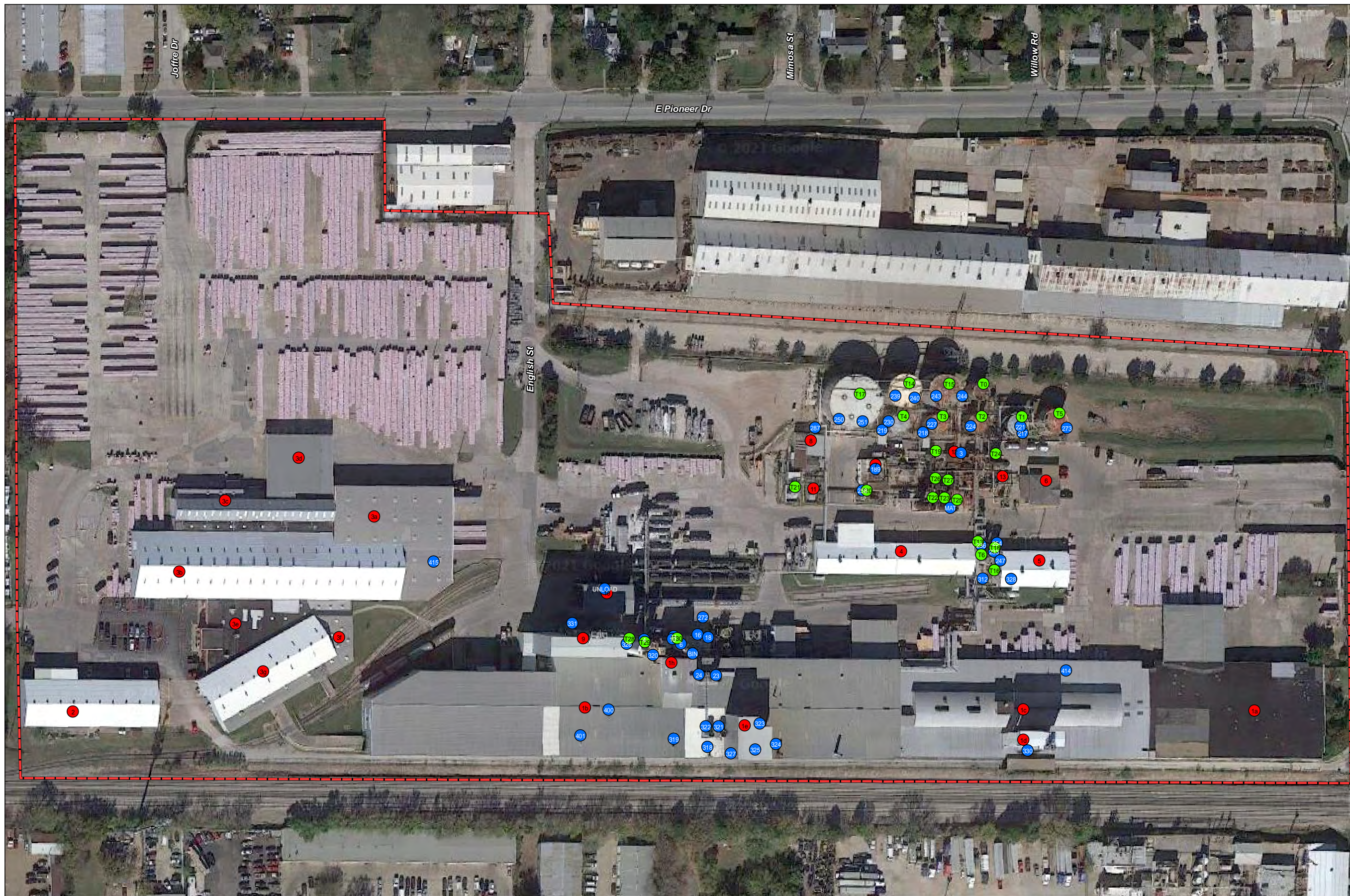
 Property Boundary  
 3,000 ft Radii

1,000  
  
 Feet

Appendix B

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Plot Plan



EPN	Description	Authorization
3	Fume Incinerator/Preheater/Waste Heat Boiler Stack	NSR 81010
189	Process Steam Generator Boiler	NSR 81011
217	Asphalt Loading Rack Fugitives and BD Oil Loading System Fugitives	NSR 81011
218	Asphalt Loading Rack Fugitives and BD Oil Loading System Fugitives	NSR 81011
219	Asphalt Loading Rack Fugitives and BD Oil Loading System Fugitives	NSR 81011
273	Truck Loading Fiberbed Filter	NSR 81011
221	Tank 1 Heater	NSR 81011
224	Tank 2 Heater	NSR 81011
227	Tank 3 Heater	NSR 81011
230	Tank 4 Heater	NSR 81011
233	Tank 6 Heater	NSR 81011
236	Tank 13 Heater	NSR 81011
239	Tank 14 Heater 1	NSR 81011
240	Tank 14 Heater 2	NSR 81011
243	Tank 15 Heater 1	NSR 81011
244	Tank 15 Heater 2	NSR 81011
247	Tank 16 Heater	NSR 81011
250	Tank 17 Heater 1	NSR 81011
251	Tank 17 Heater 2	NSR 81011
254	Tank 18 Heater	NSR 81011
258	Tank 20 (Diesel Storage)	NSR 81011
287	Asphalt Solvent Cold Cleaner	NSR 81011
313	Asphalt Solvent Cold Cleaner	NSR 81011
414	Roofing Solvent Cold Cleaner	NSR 81011
415	Roofing Solvent Cold Cleaner	NSR 81011
4	3-Tab Line Filler Storage Silo Dust Collector Stack	NSR 81011
6	3-Tab Line Filler Heater and Lower Surge Hopper Dust Collector Stack	NSR 81011
10	Lam Line Sand Storage Silo Dust Collector Stack1	NSR 81011
11	3-Tab Line Process Dust Collector Stack2	NSR 81011
16	3-Tab Line Filler Oil Heater	NSR 81011
18	3-Tab Line Process Oil Heater	NSR 81011
23	3-Tab Line Cooling Stacks East	NSR 81011
24	3-Tab Line Cooling Stacks West	NSR 81011
312	3-Tab Line Asphalt Preheater	NSR 81011
318	Lam Line Filler Hot Oil Heater	NSR 81011
319	Lam Line Process Oil Heater	NSR 81011
320	3-Tab Line Regenerative Thermal Oxidizer Stack3	NSR 81011
321	Lam Line Ventilation 1	NSR 81011
322	Lam Line Ventilation 2	NSR 81011
323	Lam Line Filler Upper Surge Hopper Dust Collector Stack	NSR 81011
324	Lam Line Process Dust Collector Stack	NSR 81011
325	Lam Line Regenerative Thermal Oxidizer Stack	NSR 81011
326	Lam Line Filler Storage Silo Dust Collector Stack	NSR 81011
328	Lam Line Asphalt Preheater	NSR 81011
330	Headlap Line Surfacing Materials Silos and Unloading	NSR 81011
331	Prime Line Surfacing Materials Silos and Unloading	NSR 81011
MAT	Lam Line Mat Unwind Dry Looper Dust Collector Stack	NSR 81011
UNLOAD	Prime Railcar/Truck Unloading	NSR 81011
400	Sealant Filler Hopper Dust Collector	NSR 81011
401	Adhesive Filler Hopper Dust Collector	NSR 81011
327	Lam Line Filler Heater and Lower Surge Hopper Dust Collector Stack	NSR 81011
BIN	3-Tab Line Mix Skid Dust Collector	NSR 81011

- Tank
- EPN
- Buildings
- Property Boundary

NO	DATE	REVISION	BY	CK.	APPR.

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



SHEET TITLE	PLOT PLAN
JOB NAME	OWENS CORNING IRVING PLANT
	IRVING, TEXAS

PROJECT NO.	2801-23-030	REV. NO.	
DATE	10/19/2023	DWG. NO.	
SCALE	SHOWN		S1

## Appendix C

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### Process Description

# PROCESS DESCRIPTION

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## **Asphalt Plant Description**

Asphalt flux and other raw materials are shipped to Owens Corning Irving via truck and rail. The flux is unloaded directly into storage tanks. The unloading process results in emissions at the asphalt storage tanks.

Several of the asphalt storage tanks are heated using steam or dedicated natural gas heaters. All asphalt tanks are capable of storing/handling any combination of raw asphalt flux or finished asphalt products. These tanks are indicated below.

- Tank 0 – no dedicated heater (thus no EPN)
- Tank 5 – no dedicated heater (thus no EPN)
- Tank 1 with heater (EPN 221)
- Tank 2 with heater (EPN 224)
- Tank 3 with heater (EPN 227)
- Tank 4 with heater (EPN 230)
- Tank 6 with heater (EPN 233)
- Tank 13 with heater (EPN 236)
- Tank 16 with heater (EPN 247)
- Tank 18 with heater (EPN 254)
- Tank 14 with two heaters (EPN 239 and 240)
- Tank 15 with two heaters (EPN 243 and 244)
- Tank 17 with two heaters (EPN 250 and 251)
- Tank 21 Liquid Drop Out Tank for Tanks 0, 5, 1, 2, 3, 4, 14, 15, and 17 - no heater (thus no EPN)

Liquid dropped out of the tank fume is collected in Tank 21. Vapor from these tanks is routed through the Tank Fume Fiber Bed Filter to remove particulate and then mixed with natural gas and introduced into the Fume Incinerator/Preheater/Waste Heat Boiler (EPN 3) as combustion air.

From the raw material tanks, asphalt flux is pumped in batches into four asphalt oxidizing converters (Converters 2, 3, 4, and 5). In the oxidizing converters, air is forced through the asphalt using positive displacement blowers and dispersed with a variety of piping/baffle designs. The batch blowing process is limited to three converters at a time. The batch blowing process may be enhanced with the use of phosphoric acid. Phosphoric acid is brought in by truck and stored in Tank 25 (which is not vented, thus no EPN). The acid increases penetration values of the asphalt. The reaction of air and asphalt consumes oxygen and produces fumes of water, hydrocarbon, and sulfur compounds. These fumes exit the top of the oxidizing converters and pass through a liquid seal within four knock-out tanks and are routed directly into the Asphalt Plant Fume Incinerator/Preheater/Waste Heat Boiler (EPN 3) in front of the burner flame.

Liquid dropped out from the three knock-out tanks along with liquid dropped out of Tank 21 is collected in Tank 19 which feeds the BD Oil Loading System; vapor from Tank 19 is routed through the Tank Fume Fiber Bed Filter and on to the Fume Incinerator/Preheater/Waste Heat Boiler (EPN 3).

The oxidized asphalt, other asphalt products, and BD Oil are stored in several product storage tanks (listed above) prior to shipment or use by the Irving Roofing Plant. Emissions from all loading racks are captured at 98% capture rate and sent to the Asphalt Plant Fume Incinerator/Preheater/Waste Heat Boiler (EPN 3) after passing through the Tank Fume Fiber Bed Filter. The remaining emissions from truck loading are fugitive (EPN 217, 218, and 219). A small amount of asphalt may be loaded into trucks while the Asphalt Plant Fume Incinerator/Preheater/Waste Heat Boiler (EPN 3) is offline; emissions from this process are controlled through the Truck Loading Fiber Bed Filter (EPN 273).

Lastly in this area, Owens Corning Irving operates two cold solvent cleaners (EPN 287 and 313), one diesel tank, Tank 20 (EPN 258), and one 12.6 MMBtu/hr natural gas-fired boiler used for process heating (EPN 189).

### **Emission Control Devices**

EPN 3, Fume Incinerator/Preheater/Waste Heat Boiler, controls emissions from the following sources: Tanks 0, 5, 1, 2, 3, 4, 6, 13, 14, 15, 16, 17, 18, 19, and 21, Converters 2, 3, 4, and 5 as well as their associated Knock Out Tanks 2, 3, 4, and 5 the Asphalt Truck Loading Rack and the BD Oil Loading. All but the fume from the Knock Out Tanks pass through a Fume Tank Filter to reduce particulate prior to being mixed with natural gas and ambient air as incinerator combustion air. The fume from the Knock Out Tanks go directly to the Fume Incinerator/Preheater/Waste Heat Boiler entering directly in front of the burner flame. A small amount of asphalt may occasionally be loaded into trucks while the Asphalt Plant Fume Incinerator/Preheater/Waste Heat Boiler (EPN 3) is offline; emissions from this process are controlled through the Truck Loading Fiber Bed Filter (EPN 273).

### **Roofing Plant Description**

Owens Corning operates two roofing lines at the Irving Plant: a 3-Tab shingle line (3-Tab) and a Laminate shingle line (Lam).

Raw materials are received at the Irving Roofing Plant via truck and rail. Filler (limestone) and backdust (sand) are transferred pneumatically to storage silos equipped with fabric filters (3-Tab Filler, EPN 4, Laminate Filler, EPN 326, and Sand, EPN 10). Granules are received by truck and rail, and are dropped through a grate to an enclosed, below-grade conveyor (EPN UNLOAD). The granules are then transferred to storage silos (3 Tab, EPN 330 and Laminate, EPN 331). Sealants (asphalt-based products that ensure a good seal between shingles upon application to a roof) are received in outdoor Sealant Bulk Tanks (Tanks 101 and 102). Adhesive (an asphalt-based product that glues laminate shingles together during production) is received from the Asphalt Plant Converters or is unloaded from trucks and stored in the Adhesive Bulk Tank (Tank 301). All three bulk tanks are heated by hot oil from a hot oil heater and are vented to the 3-Tab Regenerative Thermal Oxidizer (RTO) (EPN 320) after passing through fiber bed filters. Additional product called MSA as well as other Sealant is received by truck in keg form. This material is

loaded by hand into the MSA Melt Tank which is heated by hot oil. Emissions from this tank are routed to the Lam Fiber Bed Filter and then to the Lam RTO (EPN 325).

For each of the roofing lines, 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, thus preventing the shutdown of the production line when a new roll of base material is added. The Laminate roofing line has a dust collector over the mat unwind area for housekeeping purposes (EPN MAT). The 3-Tab line looper vents inside the building (EPN 321 and 322).

Next, the sheet of fiberglass mat moves through the asphalt coater, where coating (asphalt mixed with filler) is applied to the top and bottom surfaces. The coating is generated in a filler mixer where filler (limestone) comes from the appropriate line's storage silo into the Filler Upper Surge Hopper or Cold Filler Hopper, which is controlled by a Dust Collector (3-Tab, through the 3-Tab Process Dust Collector, EPN 11 and Laminate, through a dedicated source dust collector, EPN 323). The filler is heated by use of hot oil and fed to the Filler Lower Surge Hopper or Hot Filler Heater. Emissions from the Hot Filler Heater on both lines are controlled by Dust Collectors (3-Tab, EPN 6 and Laminate, EPN 327). The filler is then mixed with pure coating (asphalt fed from the Asphalt Plant) after passing through a natural gas fired Preheater (3-Tab is a 3.5 MMBtu/hr unit, EPN 312 and Laminate is a 4.9 MMBtu/hr unit, EPN 328). The particulate emissions from each roofing line's own filler mixer are controlled by a Process Dust Collector with additional High Efficiency Particulate Air (HEPA) filtration (3-Tab, EPN 11 and Laminate, EPN 324). The asphalt vapor emissions from the Lam Filler Mixer are routed to and controlled by the Lam RTO (EPN 325) by means of the coater surge tank; similarly, the asphalt vapor emissions from the 3-Tab Filler Mixer are routed to and controlled by the 3-Tab RTO (EPN 320) by means of the coater surge tank. The Process Dust Collector on the Lam Line (EPN 324) also collects the Prime Reclaim Separator and Elevator and the Waste Slate Separator and Elevator. Coating is continuously circulated between the Coater Surge Tank and Asphalt Coater. Emissions from the Coater Surge Tanks and most of the emissions from the Coaters are captured and sent through the respective line's fiber bed filter and RTO (3 Tab, EPN 320 and Laminate, EPN 325). The remaining portions of emissions from the Coaters are accounted for in General Building Ventilation (EPN 321 and 322).

After the coating is applied, surfacing material (granules), backdust, release tape, or a strip of paint is applied to the sheet in the Material Surfacing Areas. Most of the emissions from the 3-Tab and Laminate material surfacing areas are captured and sent to the Process Dust Collectors (3-Tab, EPN 11 and Laminate, EPN 324). The remaining portions of emissions are accounted for in General Building Ventilation (EPN 321 and 322).

Following the Material Surfacing Areas, the sheet is cooled by direct application of water sprays and indirect water circulation through cooling drums in addition to outside air. Emissions from the 3-Tab Cooling Section are captured and emitted through cooling stacks (EPN 23 and 24). Emissions from the Laminate Cooling Section are emitted through the building's general ventilation (EPN 321 and 322). The facility utilizes two closed system water cooling towers for the chilled water; all water is non-contact and is a closed system thus has no emission point.

Following the cooling section, sealant is applied to the 3-Tab shingles, and both sealant and laminate adhesive are applied to the Laminate shingles. The shingles can then be processed as rolls, Mineral Surface Rolls, or can be cut and packaged. The facility has the ability to mix filler from the storage silos with sealant or adhesive prior to adding to and using from the Sealant or Adhesive Run Tank using the 3-Tab Mix Skid

controlled by a Bin Vent (EPN BIN). Particulate emissions from the filler transfer to the Sealant Filler Hopper Bin are controlled by a Dust Collector (EPN 400) and the Adhesive Filler Hopper Bin is controlled by a Dust Collector (EPN 401). Both the sealants and the adhesive are used from their Run Tanks, which are hot oil heated. On both lines, the Sealant Run Tanks are vented to the room (EPN 321 and 322) and on the Laminate line, the Adhesive Run Tank along with most of the emissions from the Adhesive Applicator and Sealant Applicator are sent through the Laminate Fiber Bed Filter and RTO (EPN 325). The remaining emissions from the Sealant and Adhesive Applicators, the emissions from the 3-Tab Sealant Applicator as well as Ink Jet printer emissions for both lines are accounted for within the general ventilation (EPN 321 and 322).

The facility's Hot Oil Heaters used for tank heating, filler heating, and process heating are indicated below.

- 3-Tab Filler Hot Oil Heater (EPN 16)
- 3-Tab Process Hot Oil Heater (EPN 18)
- Laminate Filler Hot Oil Heater (EPN 318)
- Laminate Process Hot Oil Heater (EPN 319)

Lastly in this area, Owens Corning Irving operates two cold solvent cleaners (EPN 414 and 415).

#### **Emission Control Devices and General Building Ventilation**

EPN 320, 3-Tab Regenerative Thermal Oxidizer (RTO) controls emissions from the following sources: Sealant Bulk Tank (Tank 201), Sealant Bulk Tank (Tank 101), Adhesive Bulk Tank (Tank 301), 3-Tab Coater and Coater Surge Tank. Emissions from each of these sources are first routed through Fiber Bed Filters prior to reaching the RTO.

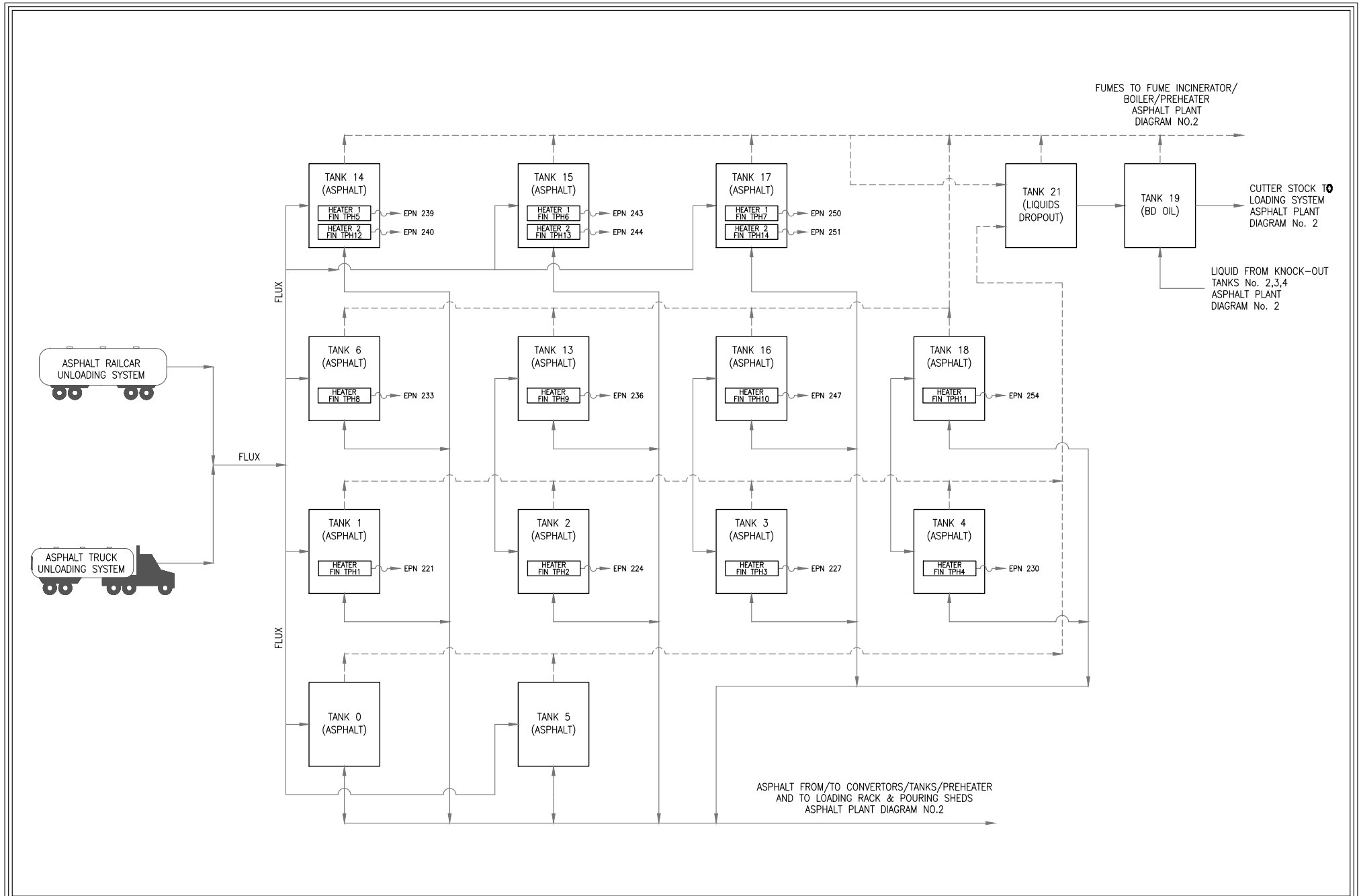
EPN 325, Laminate Regenerative Thermal Oxidizer (RTO) controls emissions from the following sources: MSA Melt Tank, Adhesive Applicator, Sealant Applicator, Filler Mixer, Laminate Coater and Coater Surge Tank, and Adhesive Run Tank. Emissions from each of these sources, except for the Adhesive Run Tank and Filler Mixer, are first routed through Fiber Bed Filters prior to reaching the RTO.

EPN 321 and 322, General Building Ventilation includes emissions from the following sources: 3-Tab Mat Unwind Dry Looper, 3-Tab Coater, 3-Tab Material Surfacing Area, 3-Tab Sealant Run Tank, 3-Tab Sealant Applicator, 3-Tab Ink Jet Printer, Lam Coater, Lam Material Surfacing Area, Lam Sealant Run Tank, Lam Cooling Section, Lam Sealant Applicator, Lam Adhesive Applicator, and Lam Ink Jet Printer.

## Appendix D

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### Process Flow Diagrams



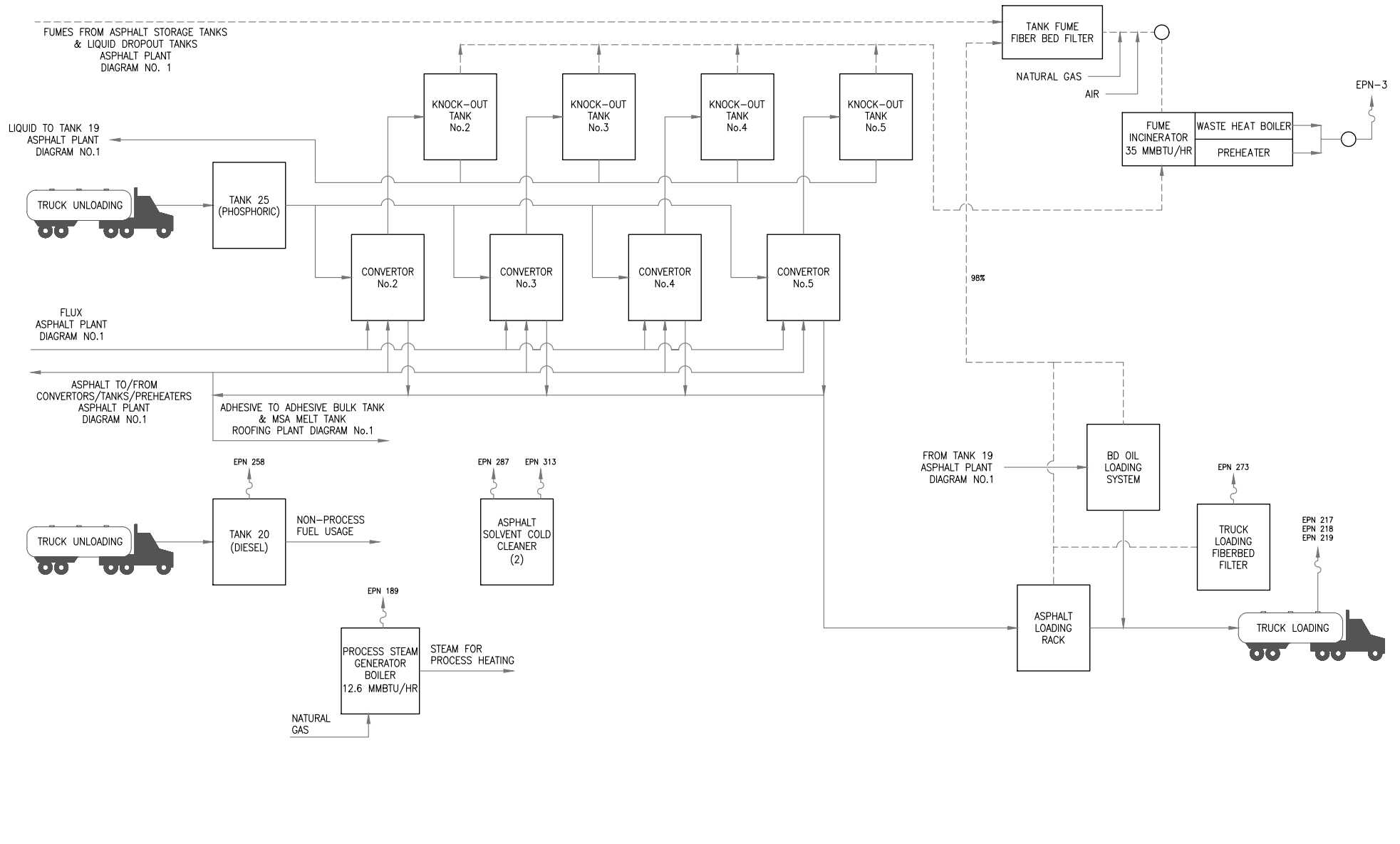
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 CHECKED BY LMB  
 APPR. BY JPP  
 DRAWN BY ALB



SHEET TITLE  
**PROCESS FLOW DIAGRAM**

JOB NAME  
**ASPHALT PLANT DIAGRAM NO. 1**  
**ASPHALT STORAGE TANKS**  
 OWENS CORNING  
 IRVING, TEXAS

PROJECT NO. EAC-2026-0009	REV. NO.
DATE 04/15/2026	DWG. NO.
SCALE ---	



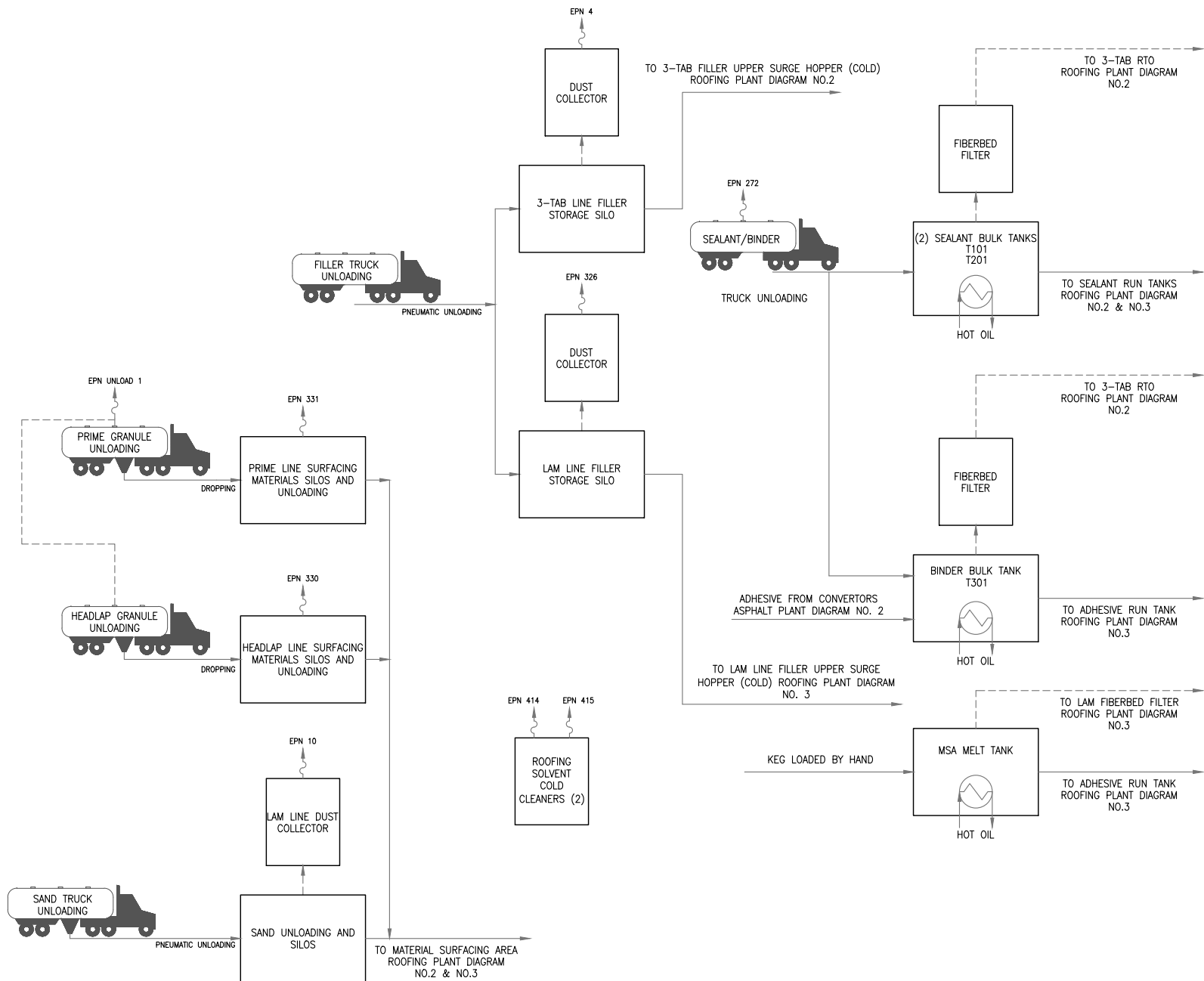
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CHECKED BY	LMB
APPR. BY	JPP
DRAWN BY	IT



SHEET TITLE  
**PROCESS FLOW DIAGRAM**

JOB NAME  
**ASPHALT PLANT DIAGRAM NO.2  
 ASPHALT PRODUCTION**  
 OWENS CORNING  
 IRVING, TEXAS

PROJECT NO.	2801-23-030	REV. NO.	
DATE	10/16/2023	DWG. NO.	
SCALE	---		



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APPR. BY	JPP
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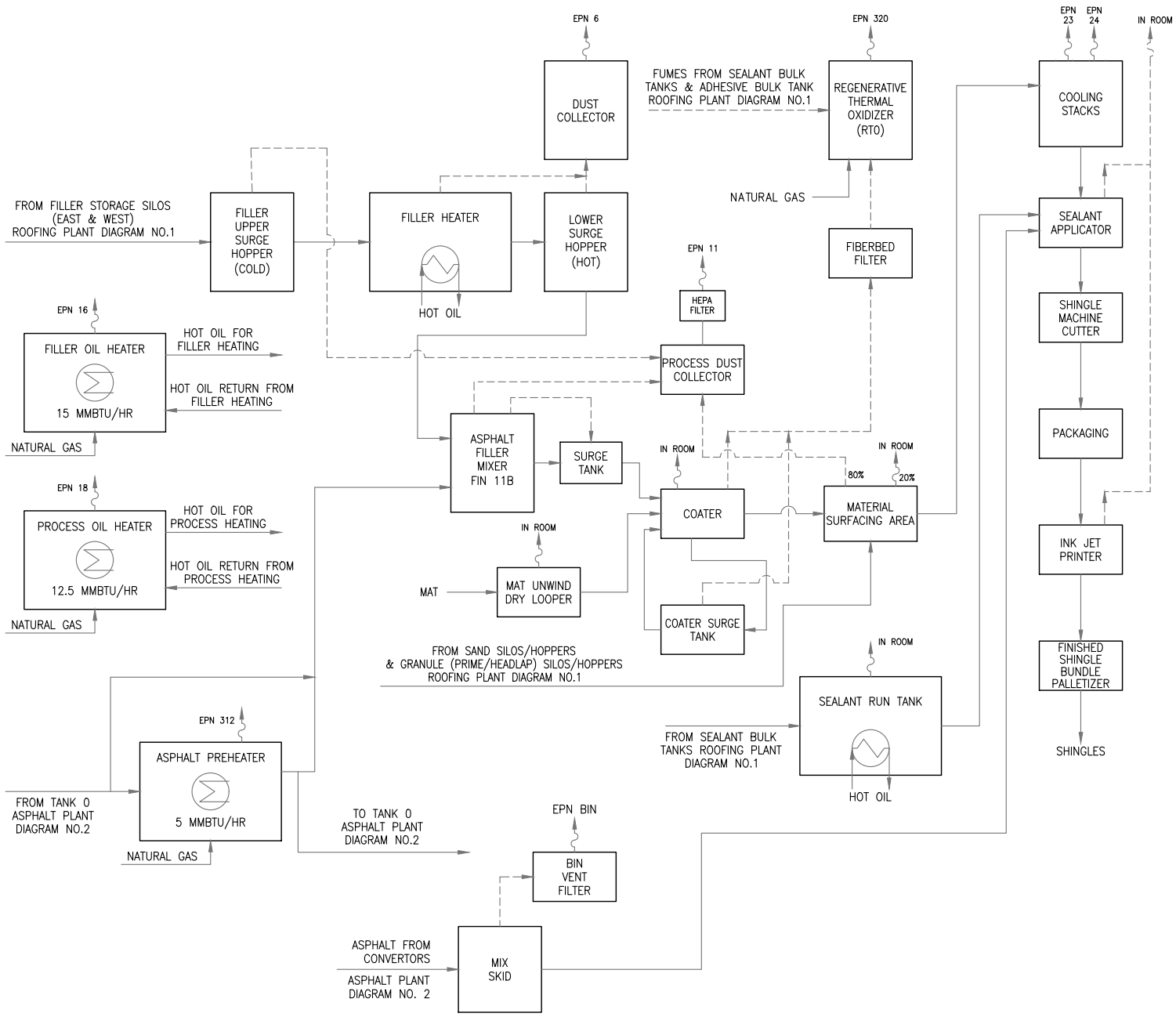


SHEET TITLE	PROCESS FLOW DIAGRAM
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JOB NAME	ROOFING PLANT DIAGRAM No. 1 ROOFING MATERIALS RECEIVING OWENS CORNING IRVING, TEXAS
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PROJECT NO.	2801-14-030
DATE	11/13/2024
SCALE	---

REV. NO.	
DWG. NO.	



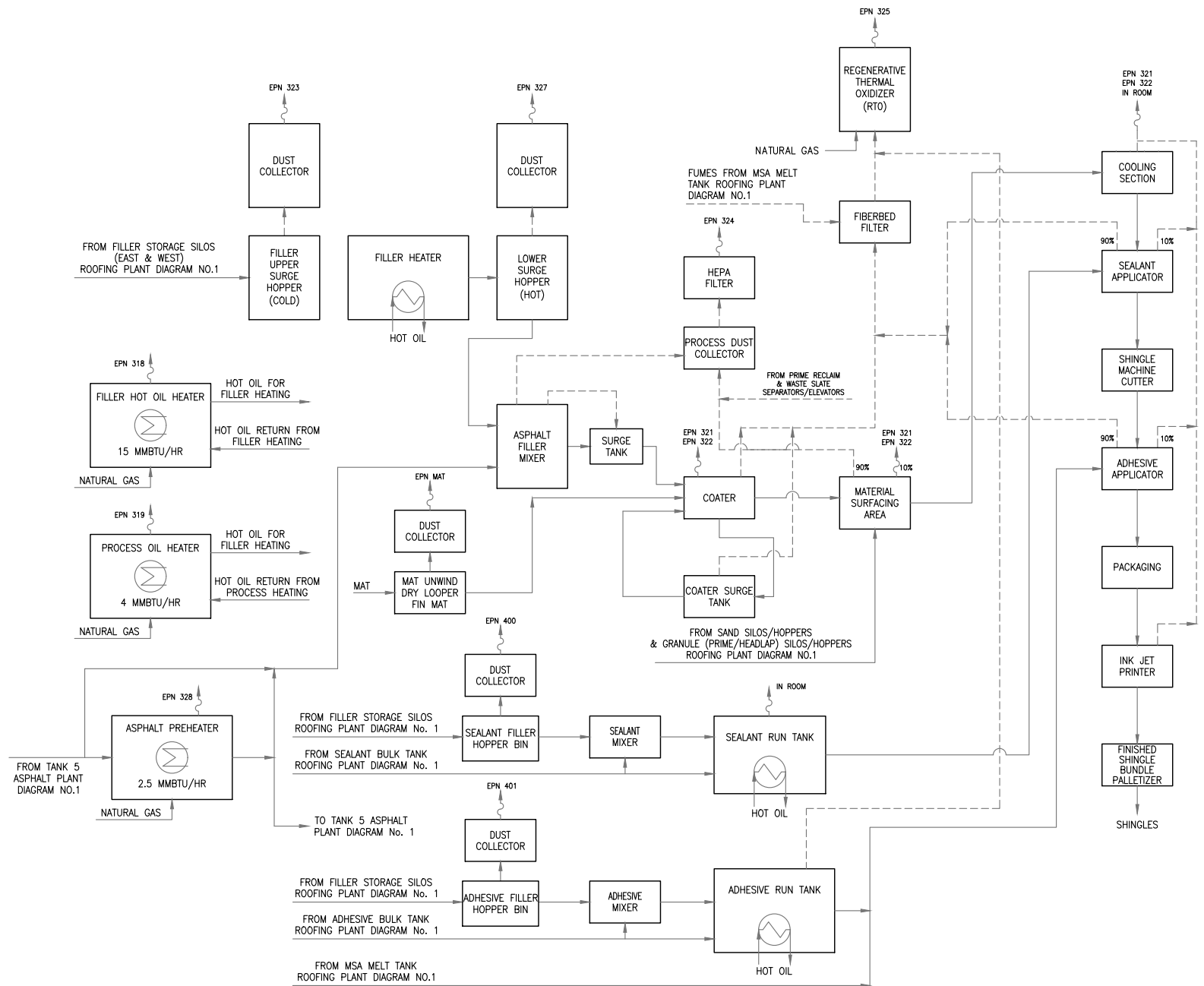
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CHECKED BY	LMB
APPR. BY	JPP
DRAWN BY	ALB



SHEET TITLE  
**PROCESS  
 FLOW DIAGRAM**

JOB NAME  
**ROOFING PLANT DIAGRAM No. 2  
 3-TAB ROOFING LINE**  
 OWENS CORNING  
 IRVING, TEXAS

PROJECT NO.	2801-14-030	REV. NO.	
DATE	11/13/2024	DWG. NO.	
SCALE	---		



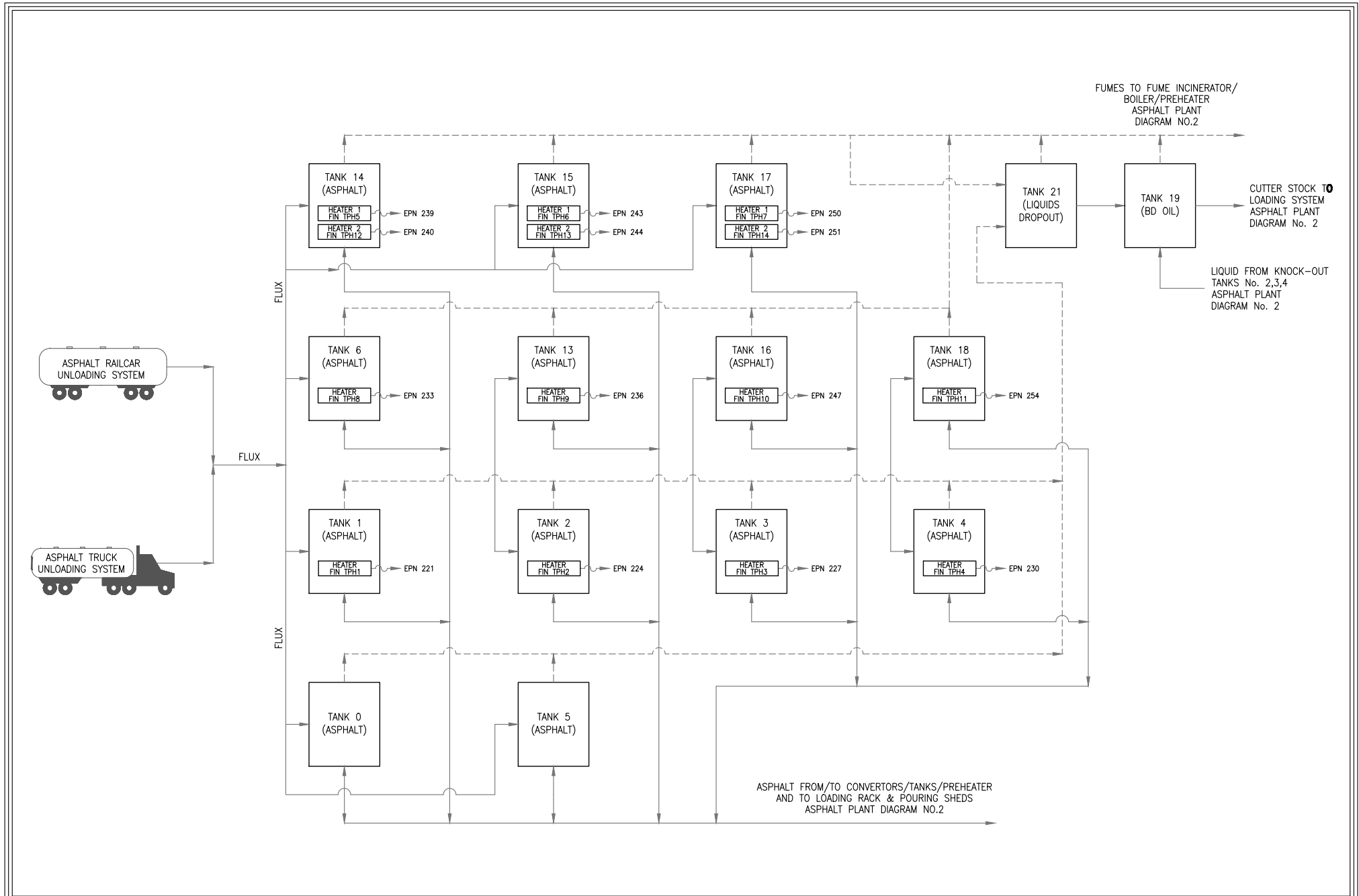
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 DRAWN BY ALB



SHEET TITLE  
 PROCESS FLOW DIAGRAM

JOB NAME  
 ROOFING PLANT DIAGRAM No. 3  
 LAMINATE ROOFING LINE (LAM LINE)  
 OWENS CORNING  
 IRVING, TEXAS

PROJECT NO. 2801-14-030	REV. NO.
DATE 11/13/2024	DWG. NO.
SCALE ---	



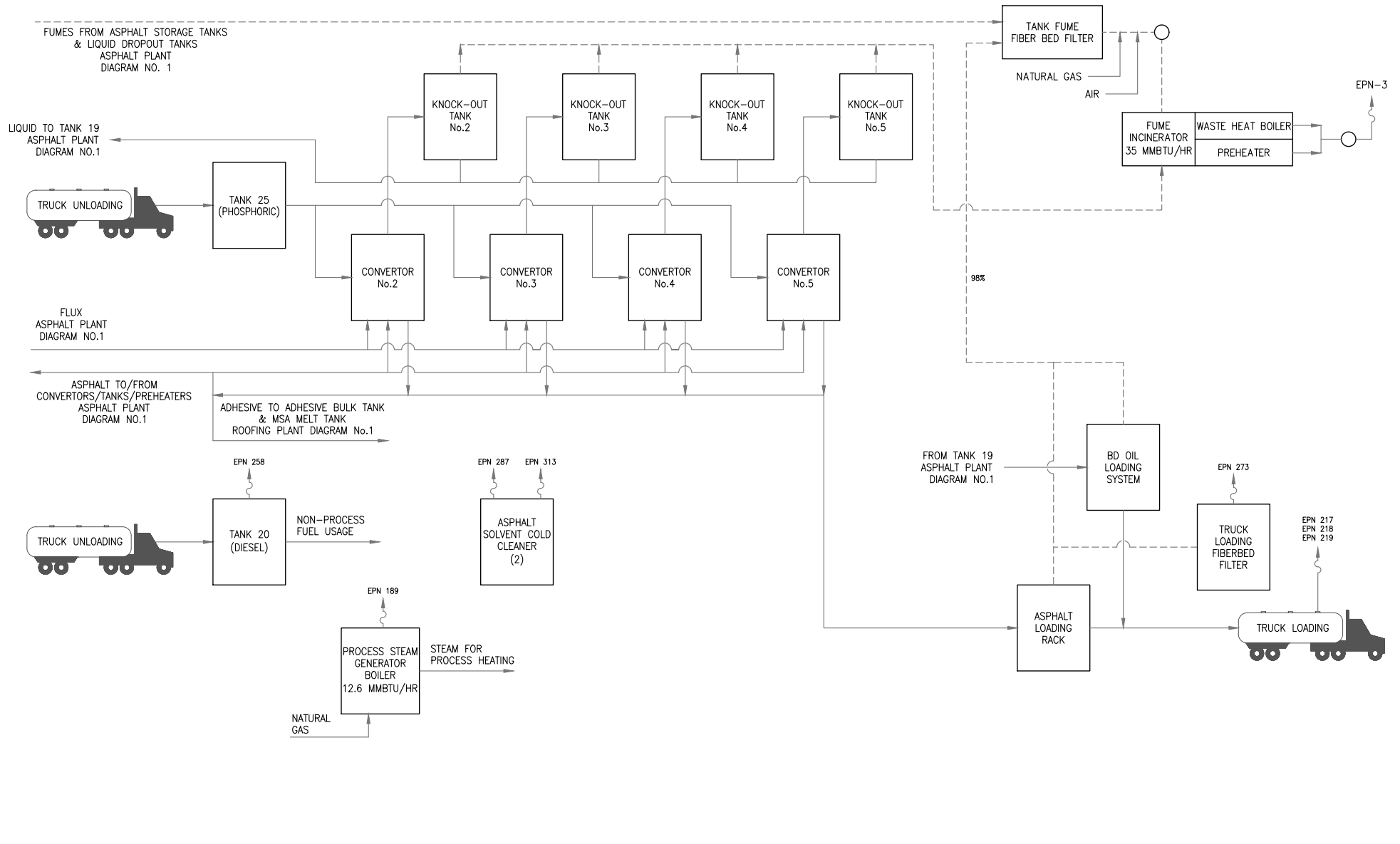
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SHEET TITLE  
**PROCESS FLOW DIAGRAM**

JOB NAME  
**ASPHALT PLANT DIAGRAM NO. 1**  
**ASPHALT STORAGE TANKS**  
 OWENS CORNING  
 IRVING, TEXAS

PROJECT NO. EAC-2026-0009	REV. NO.
DATE 04/15/2026	DWG. NO.
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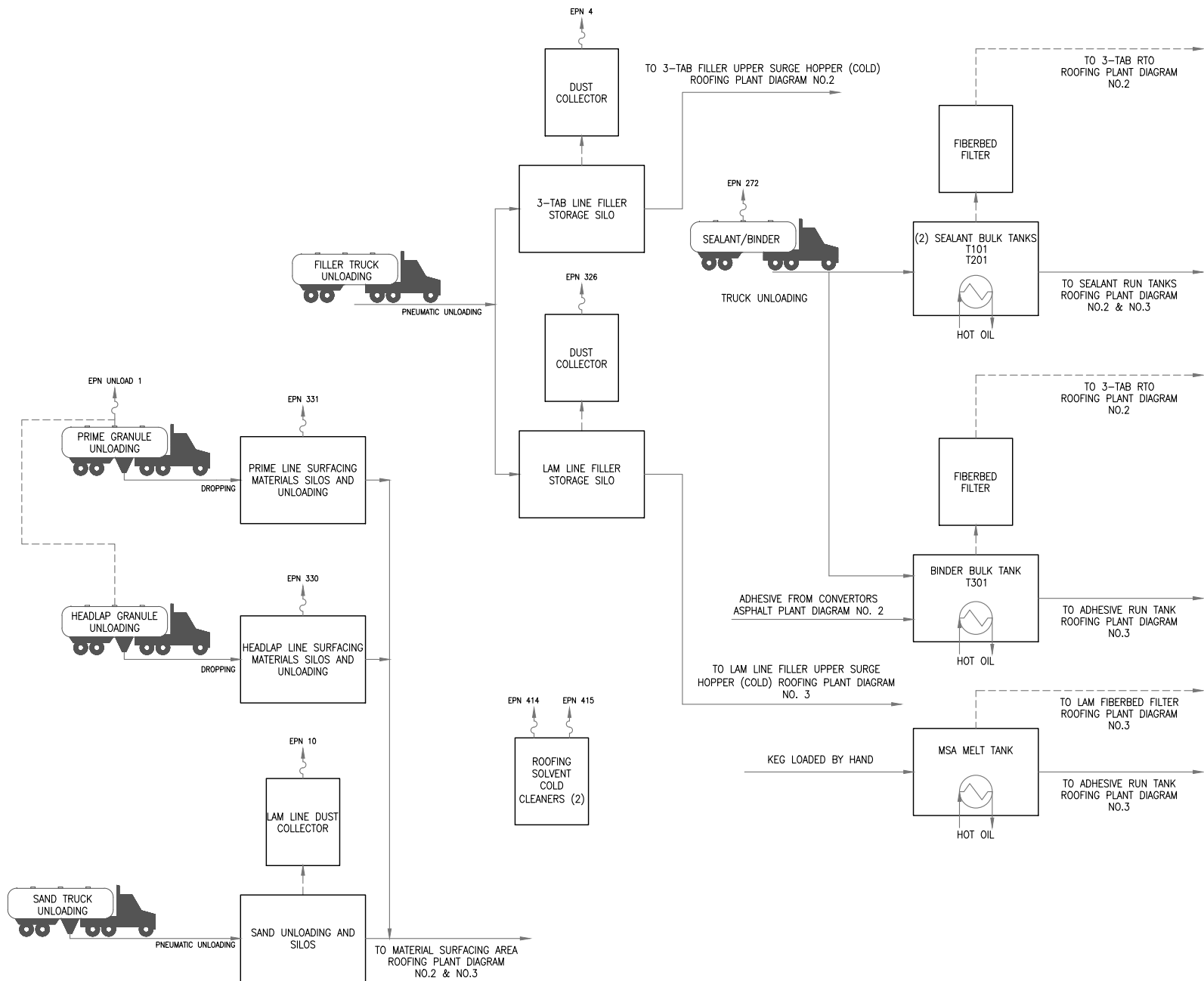
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SHEET TITLE  
**PROCESS FLOW DIAGRAM**

JOB NAME  
**ASPHALT PLANT DIAGRAM NO.2  
 ASPHALT PRODUCTION**  
 OWENS CORNING  
 IRVING, TEXAS

PROJECT NO.	2801-23-030	REV. NO.	
DATE	10/16/2023	DWG. NO.	
SCALE	---		



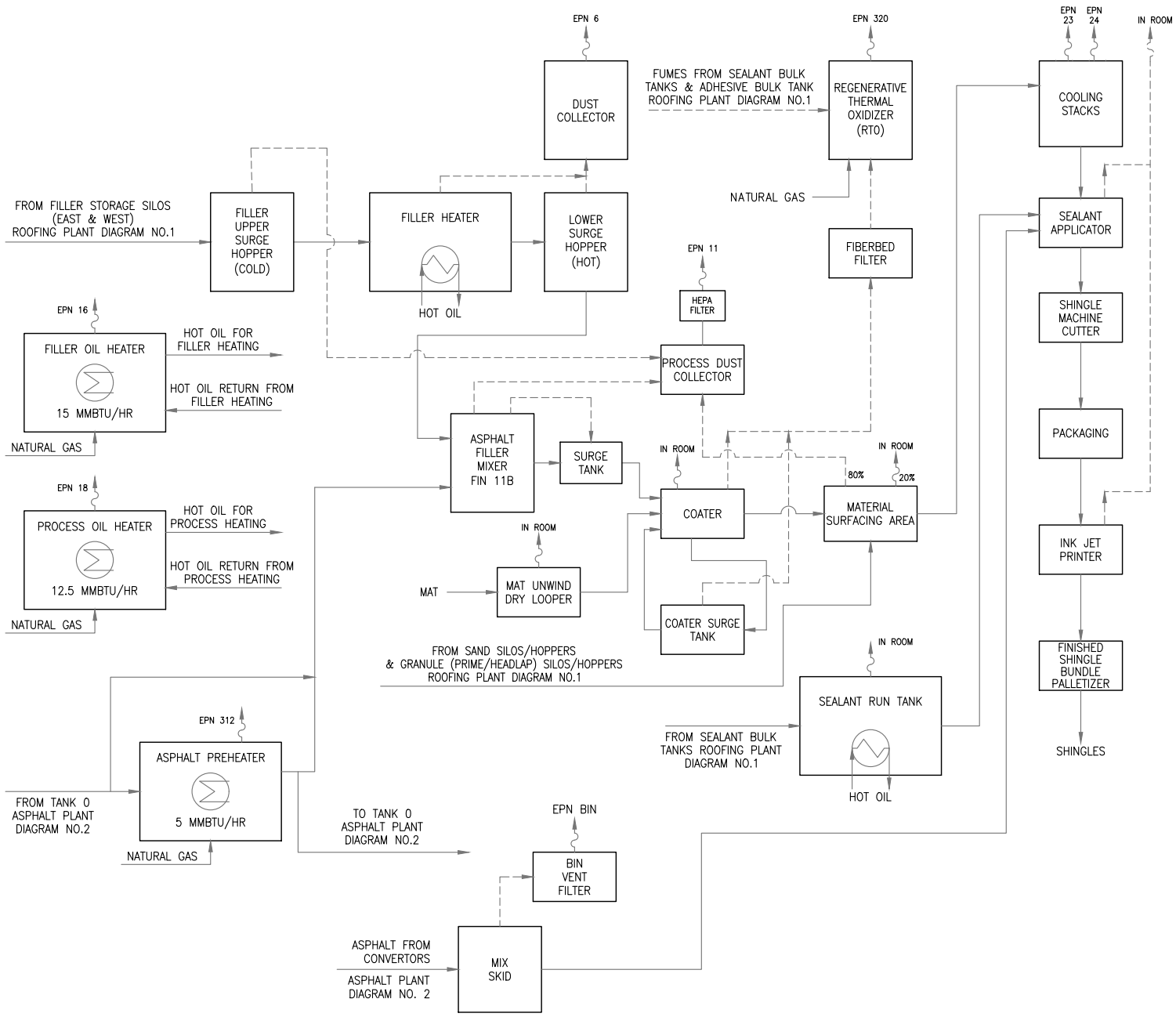
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SHEET TITLE  
**PROCESS FLOW DIAGRAM**

JOB NAME  
**ROOFING PLANT DIAGRAM No. 1  
 ROOFING MATERIALS RECEIVING**  
 OWENS CORNING  
 IRVING, TEXAS

PROJECT NO.	2801-14-030	REV. NO.	
DATE	11/13/2024	DWG. NO.	
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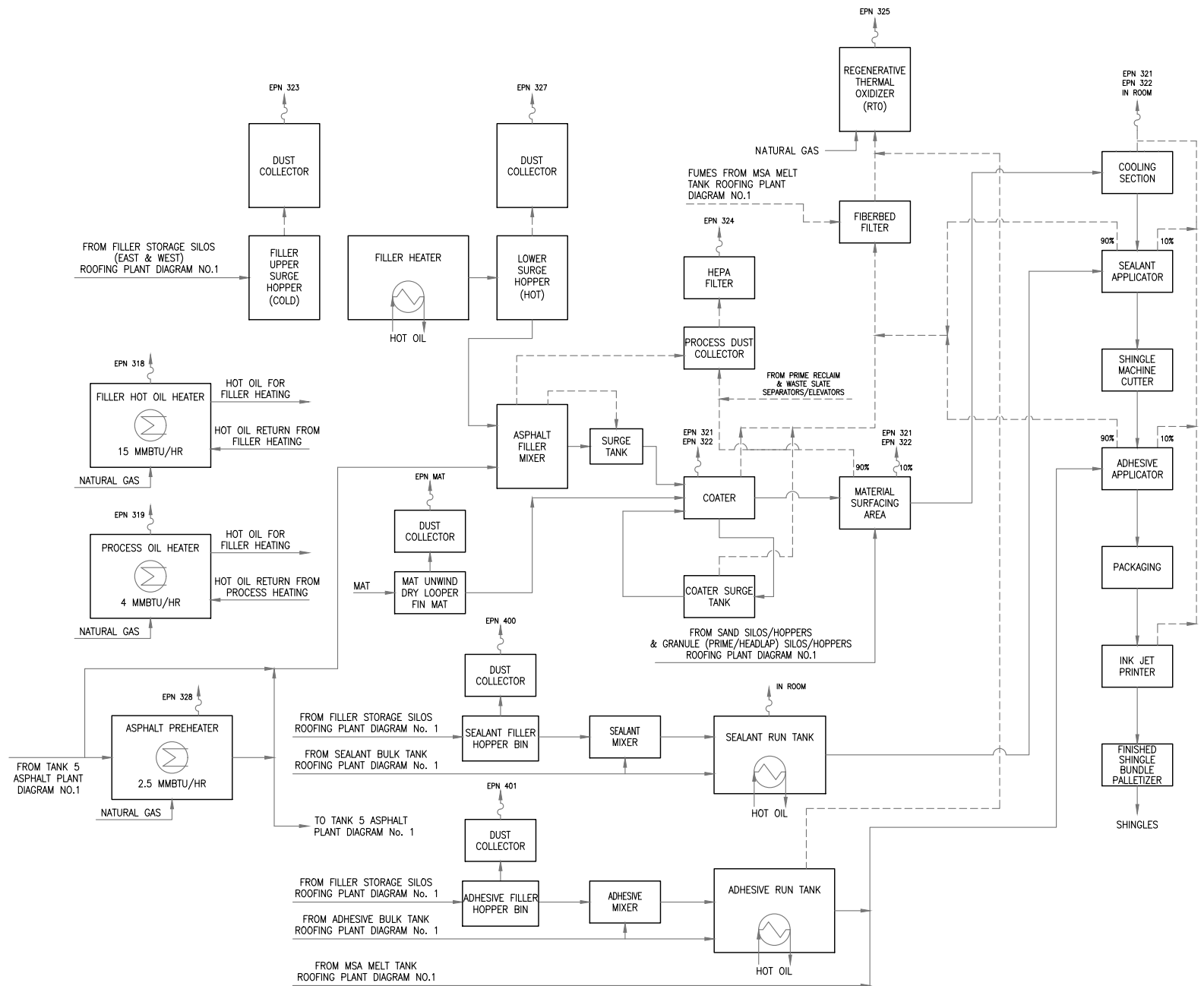
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APPR. BY	JPP
DRAWN BY	ALB



SHEET TITLE  
**PROCESS  
 FLOW DIAGRAM**

JOB NAME  
**ROOFING PLANT DIAGRAM No. 2  
 3-TAB ROOFING LINE**  
 OWENS CORNING  
 IRVING, TEXAS

PROJECT NO.	2801-14-030	REV. NO.	
DATE	11/13/2024	DWG. NO.	
SCALE	---		



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



SHEET TITLE  
 PROCESS FLOW DIAGRAM

JOB NAME  
 ROOFING PLANT DIAGRAM No. 3  
 LAMINATE ROOFING LINE (LAM LINE)  
 OWENS CORNING  
 IRVING, TEXAS

PROJECT NO. 2801-14-030	REV. NO.
DATE 11/13/2024	DWG. NO.
SCALE ---	

# PROCESS DESCRIPTION

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## **Asphalt Plant Description**

Asphalt flux and other raw materials are shipped to Owens Corning Irving via truck and rail. The flux is unloaded directly into storage tanks. The unloading process results in emissions at the asphalt storage tanks.

Several of the asphalt storage tanks are heated using steam or dedicated natural gas heaters. All asphalt tanks are capable of storing/handling any combination of raw asphalt flux or finished asphalt products. These tanks are indicated below.

- Tank 0 – no dedicated heater (thus no EPN)
- Tank 5 – no dedicated heater (thus no EPN)
- Tank 1 with heater (EPN 221)
- Tank 2 with heater (EPN 224)
- Tank 3 with heater (EPN 227)
- Tank 4 with heater (EPN 230)
- Tank 6 with heater (EPN 233)
- Tank 13 with heater (EPN 236)
- Tank 16 with heater (EPN 247)
- Tank 18 with heater (EPN 254)
- Tank 14 with two heaters (EPN 239 and 240)
- Tank 15 with two heaters (EPN 243 and 244)
- Tank 17 with two heaters (EPN 250 and 251)
- Tank 21 Liquid Drop Out Tank for Tanks 0, 5, 1, 2, 3, 4, 14, 15, and 17 - no heater (thus no EPN)

Liquid dropped out of the tank fume is collected in Tank 21. Vapor from these tanks is routed through the Tank Fume Fiber Bed Filter to remove particulate and then mixed with natural gas and introduced into the Fume Incinerator/Preheater/Waste Heat Boiler (EPN 3) as combustion air.

From the raw material tanks, asphalt flux is pumped in batches into four asphalt oxidizing converters (Converters 2, 3, 4, and 5). In the oxidizing converters, air is forced through the asphalt using positive displacement blowers and dispersed with a variety of piping/baffle designs. The batch blowing process is limited to three converters at a time. The batch blowing process may be enhanced with the use of phosphoric acid. Phosphoric acid is brought in by truck and stored in Tank 25 (which is not vented, thus no EPN). The acid increases penetration values of the asphalt. The reaction of air and asphalt consumes oxygen and produces fumes of water, hydrocarbon, and sulfur compounds. These fumes exit the top of the oxidizing converters and pass through a liquid seal within four knock-out tanks and are routed directly into the Asphalt Plant Fume Incinerator/Preheater/Waste Heat Boiler (EPN 3) in front of the burner flame.

Liquid dropped out from the three knock-out tanks along with liquid dropped out of Tank 21 is collected in Tank 19 which feeds the BD Oil Loading System; vapor from Tank 19 is routed through the Tank Fume Fiber Bed Filter and on to the Fume Incinerator/Preheater/Waste Heat Boiler (EPN 3).

The oxidized asphalt, other asphalt products, and BD Oil are stored in several product storage tanks (listed above) prior to shipment or use by the Irving Roofing Plant. Emissions from all loading racks are captured at 98% capture rate and sent to the Asphalt Plant Fume Incinerator/Preheater/Waste Heat Boiler (EPN 3) after passing through the Tank Fume Fiber Bed Filter. The remaining emissions from truck loading are fugitive (EPN 217, 218, and 219). A small amount of asphalt may be loaded into trucks while the Asphalt Plant Fume Incinerator/Preheater/Waste Heat Boiler (EPN 3) is offline; emissions from this process are controlled through the Truck Loading Fiber Bed Filter (EPN 273).

Lastly in this area, Owens Corning Irving operates two cold solvent cleaners (EPN 287 and 313), one diesel tank, Tank 20 (EPN 258), and one 12.6 MMBtu/hr natural gas-fired boiler used for process heating (EPN 189).

### **Emission Control Devices**

EPN 3, Fume Incinerator/Preheater/Waste Heat Boiler, controls emissions from the following sources: Tanks 0, 5, 1, 2, 3, 4, 6, 13, 14, 15, 16, 17, 18, 19, and 21, Converters 2, 3, 4, and 5 as well as their associated Knock Out Tanks 2, 3, 4, and 5 the Asphalt Truck Loading Rack and the BD Oil Loading. All but the fume from the Knock Out Tanks pass through a Fume Tank Filter to reduce particulate prior to being mixed with natural gas and ambient air as incinerator combustion air. The fume from the Knock Out Tanks go directly to the Fume Incinerator/Preheater/Waste Heat Boiler entering directly in front of the burner flame. A small amount of asphalt may occasionally be loaded into trucks while the Asphalt Plant Fume Incinerator/Preheater/Waste Heat Boiler (EPN 3) is offline; emissions from this process are controlled through the Truck Loading Fiber Bed Filter (EPN 273).

### **Roofing Plant Description**

Owens Corning operates two roofing lines at the Irving Plant: a 3-Tab shingle line (3-Tab) and a Laminate shingle line (Lam).

Raw materials are received at the Irving Roofing Plant via truck and rail. Filler (limestone) and backdust (sand) are transferred pneumatically to storage silos equipped with fabric filters (3-Tab Filler, EPN 4, Laminate Filler, EPN 326, and Sand, EPN 10). Granules are received by truck and rail, and are dropped through a grate to an enclosed, below-grade conveyor (EPN UNLOAD). The granules are then transferred to storage silos (3 Tab, EPN 330 and Laminate, EPN 331). Sealants (asphalt-based products that ensure a good seal between shingles upon application to a roof) are received in outdoor Sealant Bulk Tanks (Tanks 101 and 102). Adhesive (an asphalt-based product that glues laminate shingles together during production) is received from the Asphalt Plant Converters or is unloaded from trucks and stored in the Adhesive Bulk Tank (Tank 301). All three bulk tanks are heated by hot oil from a hot oil heater and are vented to the 3-Tab Regenerative Thermal Oxidizer (RTO) (EPN 320) after passing through fiber bed filters. Additional product called MSA as well as other Sealant is received by truck in keg form. This material is

loaded by hand into the MSA Melt Tank which is heated by hot oil. Emissions from this tank are routed to the Lam Fiber Bed Filter and then to the Lam RTO (EPN 325).

For each of the roofing lines, 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, thus preventing the shutdown of the production line when a new roll of base material is added. The Laminate roofing line has a dust collector over the mat unwind area for housekeeping purposes (EPN MAT). The 3-Tab line looper vents inside the building (EPN 321 and 322).

Next, the sheet of fiberglass mat moves through the asphalt coater, where coating (asphalt mixed with filler) is applied to the top and bottom surfaces. The coating is generated in a filler mixer where filler (limestone) comes from the appropriate line's storage silo into the Filler Upper Surge Hopper or Cold Filler Hopper, which is controlled by a Dust Collector (3-Tab, through the 3-Tab Process Dust Collector, EPN 11 and Laminate, through a dedicated source dust collector, EPN 323). The filler is heated by use of hot oil and fed to the Filler Lower Surge Hopper or Hot Filler Heater. Emissions from the Hot Filler Heater on both lines are controlled by Dust Collectors (3-Tab, EPN 6 and Laminate, EPN 327). The filler is then mixed with pure coating (asphalt fed from the Asphalt Plant) after passing through a natural gas fired Preheater (3-Tab is a 3.5 MMBtu/hr unit, EPN 312 and Laminate is a 4.9 MMBtu/hr unit, EPN 328). The particulate emissions from each roofing line's own filler mixer are controlled by a Process Dust Collector with additional High Efficiency Particulate Air (HEPA) filtration (3-Tab, EPN 11 and Laminate, EPN 324). The asphalt vapor emissions from the Lam Filler Mixer are routed to and controlled by the Lam RTO (EPN 325) by means of the coater surge tank; similarly, the asphalt vapor emissions from the 3-Tab Filler Mixer are routed to and controlled by the 3-Tab RTO (EPN 320) by means of the coater surge tank. The Process Dust Collector on the Lam Line (EPN 324) also collects the Prime Reclaim Separator and Elevator and the Waste Slate Separator and Elevator. Coating is continuously circulated between the Coater Surge Tank and Asphalt Coater. Emissions from the Coater Surge Tanks and most of the emissions from the Coaters are captured and sent through the respective line's fiber bed filter and RTO (3 Tab, EPN 320 and Laminate, EPN 325). The remaining portions of emissions from the Coaters are accounted for in General Building Ventilation (EPN 321 and 322).

After the coating is applied, surfacing material (granules), backdust, release tape, or a strip of paint is applied to the sheet in the Material Surfacing Areas. Most of the emissions from the 3-Tab and Laminate material surfacing areas are captured and sent to the Process Dust Collectors (3-Tab, EPN 11 and Laminate, EPN 324). The remaining portions of emissions are accounted for in General Building Ventilation (EPN 321 and 322).

Following the Material Surfacing Areas, the sheet is cooled by direct application of water sprays and indirect water circulation through cooling drums in addition to outside air. Emissions from the 3-Tab Cooling Section are captured and emitted through cooling stacks (EPN 23 and 24). Emissions from the Laminate Cooling Section are emitted through the building's general ventilation (EPN 321 and 322). The facility utilizes two closed system water cooling towers for the chilled water; all water is non-contact and is a closed system thus has no emission point.

Following the cooling section, sealant is applied to the 3-Tab shingles, and both sealant and laminate adhesive are applied to the Laminate shingles. The shingles can then be processed as rolls, Mineral Surface Rolls, or can be cut and packaged. The facility has the ability to mix filler from the storage silos with sealant or adhesive prior to adding to and using from the Sealant or Adhesive Run Tank using the 3-Tab Mix Skid

controlled by a Bin Vent (EPN BIN). Particulate emissions from the filler transfer to the Sealant Filler Hopper Bin are controlled by a Dust Collector (EPN 400) and the Adhesive Filler Hopper Bin is controlled by a Dust Collector (EPN 401). Both the sealants and the adhesive are used from their Run Tanks, which are hot oil heated. On both lines, the Sealant Run Tanks are vented to the room (EPN 321 and 322) and on the Laminate line, the Adhesive Run Tank along with most of the emissions from the Adhesive Applicator and Sealant Applicator are sent through the Laminate Fiber Bed Filter and RTO (EPN 325). The remaining emissions from the Sealant and Adhesive Applicators, the emissions from the 3-Tab Sealant Applicator as well as Ink Jet printer emissions for both lines are accounted for within the general ventilation (EPN 321 and 322).

The facility's Hot Oil Heaters used for tank heating, filler heating, and process heating are indicated below.

- 3-Tab Filler Hot Oil Heater (EPN 16)
- 3-Tab Process Hot Oil Heater (EPN 18)
- Laminate Filler Hot Oil Heater (EPN 318)
- Laminate Process Hot Oil Heater (EPN 319)

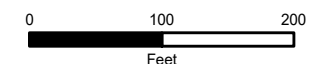
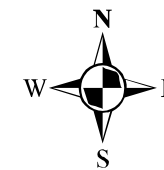
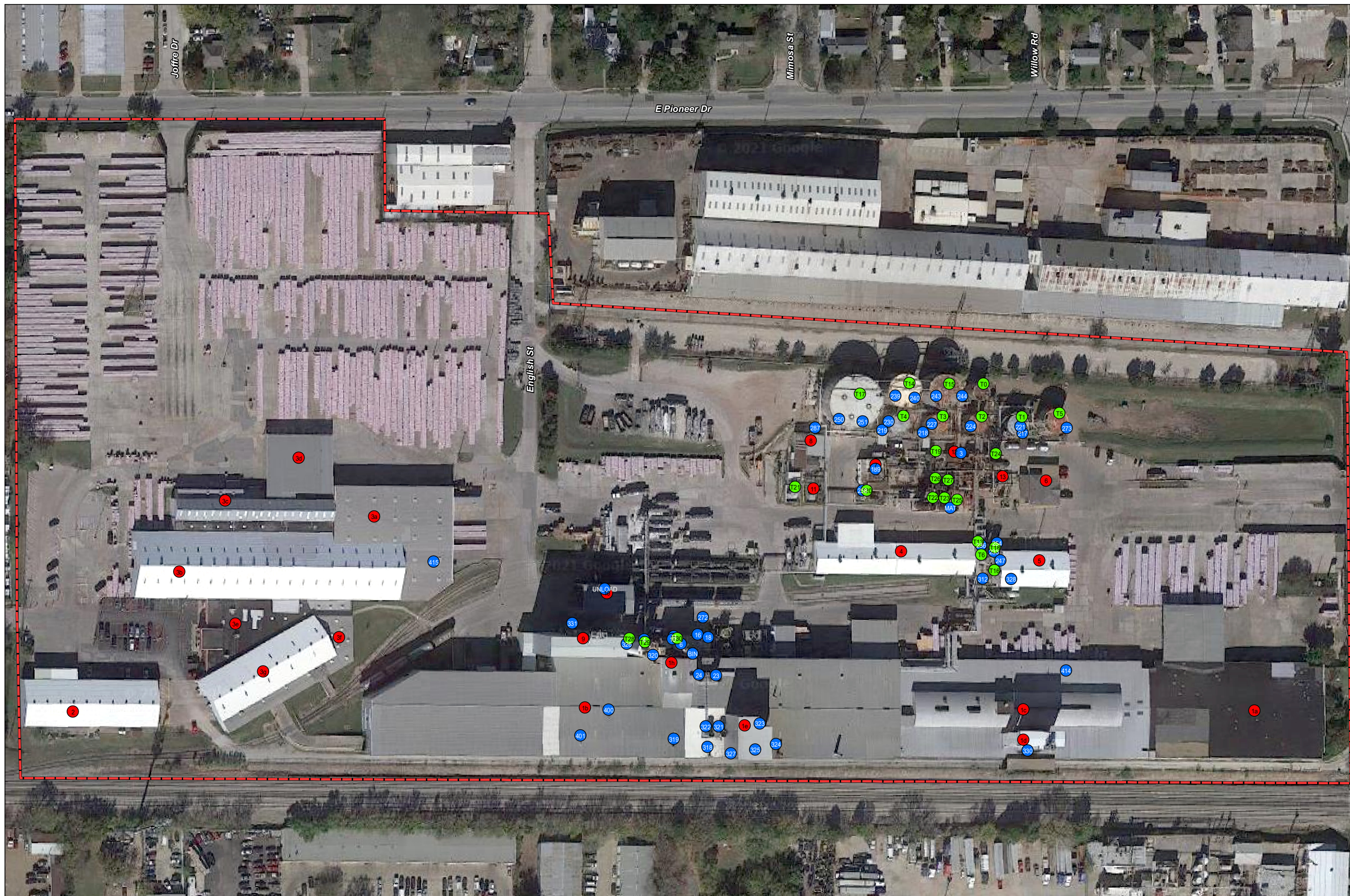
Lastly in this area, Owens Corning Irving operates two cold solvent cleaners (EPN 414 and 415).

#### **Emission Control Devices and General Building Ventilation**

EPN 320, 3-Tab Regenerative Thermal Oxidizer (RTO) controls emissions from the following sources: Sealant Bulk Tank (Tank 201), Sealant Bulk Tank (Tank 101), Adhesive Bulk Tank (Tank 301), 3-Tab Coater and Coater Surge Tank. Emissions from each of these sources are first routed through Fiber Bed Filters prior to reaching the RTO.

EPN 325, Laminate Regenerative Thermal Oxidizer (RTO) controls emissions from the following sources: MSA Melt Tank, Adhesive Applicator, Sealant Applicator, Filler Mixer, Laminate Coater and Coater Surge Tank, and Adhesive Run Tank. Emissions from each of these sources, except for the Adhesive Run Tank and Filler Mixer, are first routed through Fiber Bed Filters prior to reaching the RTO.

EPN 321 and 322, General Building Ventilation includes emissions from the following sources: 3-Tab Mat Unwind Dry Looper, 3-Tab Coater, 3-Tab Material Surfacing Area, 3-Tab Sealant Run Tank, 3-Tab Sealant Applicator, 3-Tab Ink Jet Printer, Lam Coater, Lam Material Surfacing Area, Lam Sealant Run Tank, Lam Cooling Section, Lam Sealant Applicator, Lam Adhesive Applicator, and Lam Ink Jet Printer.



EPN	Description	Authorization
3	Fume Incinerator/Preheater/Waste Heat Boiler Stack	NSR 81010
189	Process Steam Generator Boiler	NSR 81011
217	Asphalt Loading Rack Fugitives and BD Oil Loading System Fugitives	NSR 81011
218	Asphalt Loading Rack Fugitives and BD Oil Loading System Fugitives	NSR 81011
219	Asphalt Loading Rack Fugitives and BD Oil Loading System Fugitives	NSR 81011
273	Truck Loading Fiberbed Filter	NSR 81011
221	Tank 1 Heater	NSR 81011
224	Tank 2 Heater	NSR 81011
227	Tank 3 Heater	NSR 81011
230	Tank 4 Heater	NSR 81011
233	Tank 6 Heater	NSR 81011
236	Tank 13 Heater	NSR 81011
239	Tank 14 Heater 1	NSR 81011
240	Tank 14 Heater 2	NSR 81011
243	Tank 15 Heater 1	NSR 81011
244	Tank 15 Heater 2	NSR 81011
247	Tank 16 Heater	NSR 81011
250	Tank 17 Heater 1	NSR 81011
251	Tank 17 Heater 2	NSR 81011
254	Tank 18 Heater	NSR 81011
258	Tank 20 (Diesel Storage)	NSR 81011
287	Asphalt Solvent Cold Cleaner	NSR 81011
313	Asphalt Solvent Cold Cleaner	NSR 81011
414	Roofing Solvent Cold Cleaner	NSR 81011
415	Roofing Solvent Cold Cleaner	NSR 81011
4	3-Tab Line Filler Storage Silo Dust Collector Stack	NSR 81011
6	3-Tab Line Filler Heater and Lower Surge Hopper Dust Collector Stack	NSR 81011
10	Lam Line Sand Storage Silo Dust Collector Stack1	NSR 81011
11	3-Tab Line Process Dust Collector Stack2	NSR 81011
16	3-Tab Line Filler Oil Heater	NSR 81011
18	3-Tab Line Process Oil Heater	NSR 81011
23	3-Tab Line Cooling Stacks East	NSR 81011
24	3-Tab Line Cooling Stacks West	NSR 81011
312	3-Tab Line Asphalt Preheater	NSR 81011
318	Lam Line Filler Hot Oil Heater	NSR 81011
319	Lam Line Process Oil Heater	NSR 81011
320	3-Tab Line Regenerative Thermal Oxidizer Stack3	NSR 81011
321	Lam Line Ventilation 1	NSR 81011
322	Lam Line Ventilation 2	NSR 81011
323	Lam Line Filler Upper Surge Hopper Dust Collector Stack	NSR 81011
324	Lam Line Process Dust Collector Stack	NSR 81011
325	Lam Line Regenerative Thermal Oxidizer Stack	NSR 81011
326	Lam Line Filler Storage Silo Dust Collector Stack	NSR 81011
328	Lam Line Asphalt Preheater	NSR 81011
330	Headlap Line Surfacing Materials Silos and Unloading	NSR 81011
331	Prime Line Surfacing Materials Silos and Unloading	NSR 81011
MAT	Lam Line Mat Unwind Dry Looper Dust Collector Stack	NSR 81011
UNLOAD	Prime Railcar/Truck Unloading	NSR 81011
400	Sealant Filler Hopper Dust Collector	NSR 81011
401	Adhesive Filler Hopper Dust Collector	NSR 81011
327	Lam Line Filler Heater and Lower Surge Hopper Dust Collector Stack	NSR 81011
BIN	3-Tab Line Mix Skid Dust Collector	NSR 81011

- Tank
- EPN
- Buildings
- Property Boundary

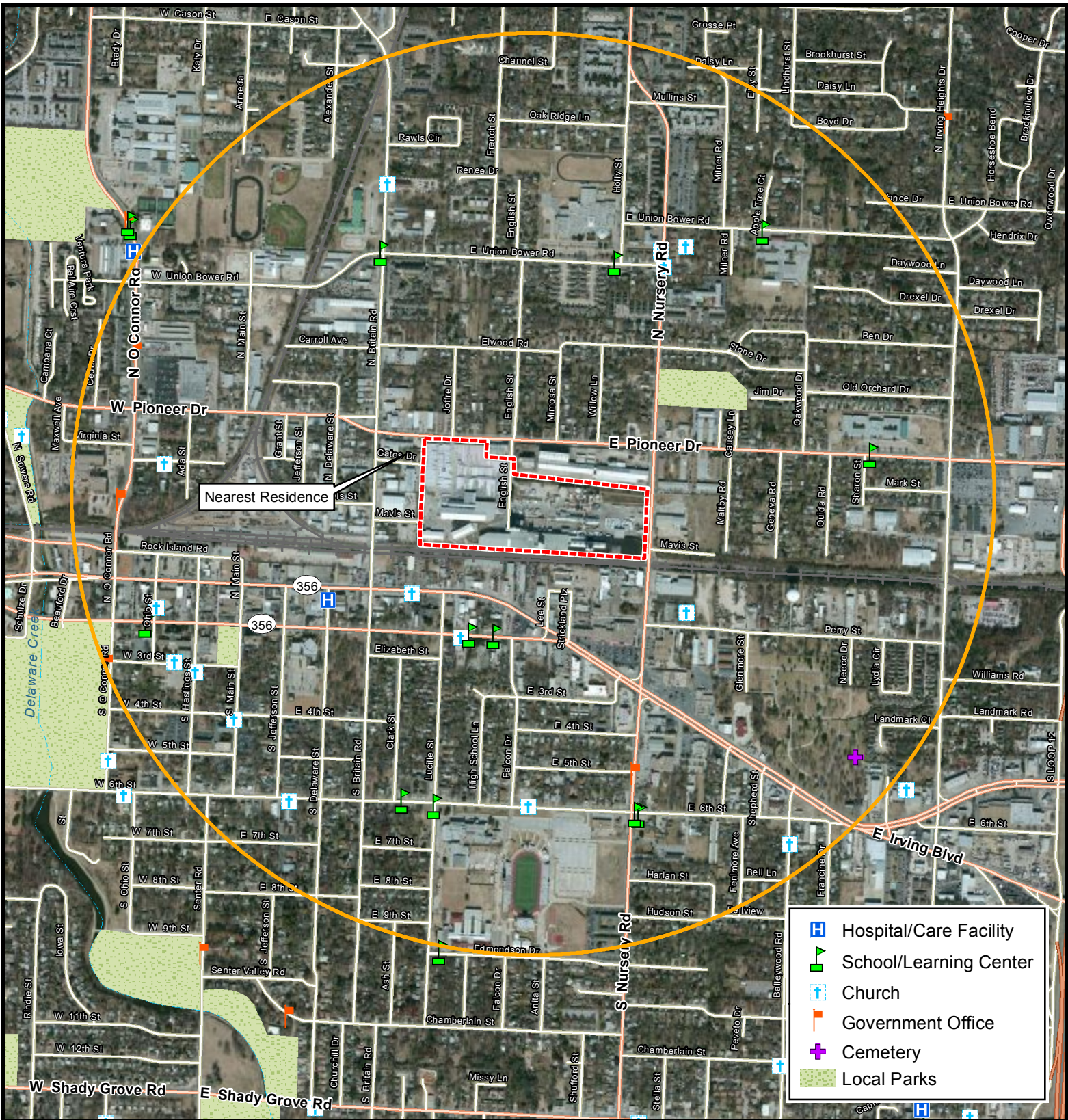
NO	DATE	REVISION	BY	CK.	APPR.

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









SHEET TITLE	PLOT PLAN
JOB NAME	OWENS CORNING IRVING PLANT IRVING, TEXAS



PROJECT NO.	2801-23-030	REV. NO.	
DATE	10/19/2023	DWG. NO.	
SCALE	SHOWN		S1




Nearest Residence

-  Hospital/Care Facility
-  School/Learning Center
-  Church
-  Government Office
-  Cemetery
-  Local Parks



 Property Boundary  
 3,000 ft Radii

1,000  
  
 Feet

## Texas Commission on Environmental Quality

Title V Existing

1545

### Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	OWENS CORNING ROOFING AND ASPHALT LLC - IRVING
Does the site have a physical address?	Yes
Physical Address	
Number and Street	201 N NURSERY RD
City	IRVING
State	TX
ZIP	75061
County	DALLAS
Latitude (N) (##.#####)	32.815833
Longitude (W) (-###.#####)	96.934444
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)?	RN100225291
What is the name of the Regulated Entity (RE)?	OWENS CORNING ROOFING AND ASPHALT IRVING FACILITY
Does the RE site have a physical address?	No
Because there is no physical address, describe how to locate this site:	201 N NURSERY RD IRVING TX
City	IRVING
State	TX
ZIP	75061
County	DALLAS
Latitude (N) (##.#####)	32.81667
Longitude (W) (-###.#####)	-96.93917
Facility NAICS Code	
What is the primary business of this entity?	ROOFING/ASPHALT SHINGLES

### 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	Joseph
Middle	
Last	Netter
Suffix	
Credentials	
Title	Site Leader
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	201 N NURSERY RD
Routing (such as Mail Code, Dept., or Attn:)	
City	IRVING
State	TX
ZIP	75061
Phone (###-###-####)	4693595935
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	Joseph.Netter@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	MR
First	Andrew
Middle	
Last	Muhl
Suffix	
Credentials	
Title	Senior EHS Leader
Enter new address or copy one from list:	
Mailing Address	Responsible Official Contact
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	201 N NURSERY RD

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

City

IRVING

State

TX

ZIP

75061

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

6107392043

Extension

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

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

E-mail

Andrew.Muhl@owenscorning.com

## Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	32 Deg 48 Min 57 Sec
3) Permit Longitude Coordinate:	96 Deg 56 Min 4 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

<a href=/ePermitsExternal/faces/file?fileId=326730>OP\_1\_3 OP-1.pdf</a>

Hash

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MIME-Type

application/pdf

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

[File Properties]

File Name

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application/pdf

Attach OP-ACPS (Application Compliance Plan and Schedule)

[File Properties]

File Name

<a href=/ePermitsExternal/faces/file?fileId=326732>OP\_ACPS\_6 OP-ACPS.pdf</a>

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

[File Properties]

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MIME-Type application/pdf

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

[File Properties]

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Attach OP-REQ3 (Applicable Requirements Summary)

[File Properties]

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Attach OP-PBRSUP (Permits by Rule Supplemental Table)

[File Properties]

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Attach OP-SUMR (Individual Unit Summary for Revisions)

[File Properties]

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Attach OP-MON (Monitoring Requirements)

[File Properties]

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Attach OP-UA (Unit Attribute) Forms

[File Properties]

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MIME-Type application/pdf

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

Attach OP-CRO2 (Change of Responsible Official Information)

[File Properties]  
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MIME-Type application/pdf

Attach OP-DEL (Delegation of Responsible Official)

[File Properties]  
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MIME-Type application/pdf

Attach any other necessary information needed to complete the permit.

[File Properties]  
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An additional space to attach any other necessary information needed to complete the permit.

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 MIME-Type application/pdf

## Expedite Title V

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

## Certification

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

1. I am Joseph Netter, the owner of the STEERS account ER114440.
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 1545.
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: Joseph Netter OWNER OPERATOR

Account Number:	ER114440
Signature IP Address:	205.204.5.17
Signature Date:	2026-04-23
Signature Hash:	DAC4C4295578055B7390C6646C8ABE4218024D33A90326B44E3E863A36A8202C
Form Hash Code at time of Signature:	8022CC46867C5426AF0EC1CFAA6D3CED9C3C1A1B093D308AF7202720241DC7F4

## Submission

Reference Number:	The application reference number is 912506
Submitted by:	The application was submitted by ER114440/Joseph Netter
Submitted Timestamp:	The application was submitted on 2026-04-23 at 14:54:19 CDT
Submitted From:	The application was submitted from IP address 205.204.5.17
Confirmation Number:	The confirmation number is 764558
Steers Version:	The STEERS version is 6.94
Permit Number:	The permit number is 1545

## Additional Information

Application Creator: This account was created by Jacob Post

# APPLICATION SUMMARY

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Owens Corning Roofing and Asphalt, LLC – Irving Roofing and Asphalt Plant (Owens Corning Irving) owns and operates an asphalt processing plant at 209 North Nursery Road and an asphalt roofing plant at 201 North Nursery Road in Irving, Texas (Dallas County). Both the Roofing and Asphalt plant are regulated under:

Regulated Entity Number: RN100225291

Customer Reference Number: CN601173016

Account Number: DB-0632-E

All emission points at the facility are regulated by Federal Operating Permit No. O1545 issued on October 27, 2021. The facility is also regulated by NSR Permit No. 81011, which was last modified and issued on September 27, 2024.

This application is submitted to renew the Title V operating permit for Owens Corning Irving. The application is prepared to be comprehensive of all additions and deletions since the last Title V modification.

Changes with this Title V renewal include the following:

- Removal of FIN 1014, 1015, and 1016. Permitted and operational authorization for that equipment was rescinded with a letter to TCEQ on August 23, 2023.
- Addition of Converter 5 based on the NSR authorization issued on August 24, 2021.
- Addition of NSPS Subpart UU and NESHAP Subpart AAAAAAA applicability for Converter 5.
- Revision of NSPS Subpart UU applicability for Tank 1, 2, and 15 based on the updated construction dates.
- Addition of NSPS Subpart Kc applicability for Tank 15 based on the updated construction date.
- Addition of 30 TAC Chapter 117 Subchapter B applicability for the Process Steam Generator Boiler (EPN 189) and 3-Tab Line Filler Hot Oil Heater (EPN 16) based on the §117.410(a) compliance schedule specified in §117.9030.