



October 30, 2025

**E-MAIL RESPONSE**

Texas Commission on Environmental Quality  
ATTN: Mr. Ryan Glaze  
Air Permits Division, MC-163  
P.O. Box 13087  
Austin, TX 78711-3087

**Rohm and Haas Texas Incorporated, CN605605831**  
**B-3/HR Process Area, RN100223205**  
**Title V Operating Permit NOD Response for B-3/HR Process Area, O1583**  
**TCEQ Project Number: 37643**

Dear Mr. Glaze,

Rohm and Haas Texas Incorporated (Rohm & Haas) is providing a response to the Notice of Deficiency (NOD) provided on October 24, 2025.

Please do not hesitate to contact me at (979) 238-1742 or [cschmidt6@dow.com](mailto:cschmidt6@dow.com) if you require additional information regarding this submittal.

Sincerely,

*Crystal Schmidt*

Crystal Schmidt  
Air Permit Manager

enclosure

cc:

US EPA Region 6  
TCEQ Air Section Manager, Region 12  
Harris County Pollution Control Services Department Director

R6AirPermitsTX@epa.gov  
R12apdmail@tceq.texas.gov  
Air\_Permits@pcs.hctx.net  
Latrice.babin@pcs.hctx.net

### Additional Information Request

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Item 2</b>          | <p>Unit ID B-4-4</p> <ul style="list-style-type: none"><li>- Unit ID B-4-4 is authorized by PBRs 106.262 and 106.261 in the effective permit. This unit and its associated PBRs are not documented on Form OP-PBRSUP. All PBRs for a site must be documented on Form OP-PBRSUP. Please note based on our previous conversations that PBRs 106.262 and 106.261 can only be documented on Table A of Form OP-PBRSUP with an associated PBR Registration number. If the unit is authorized by a different pre-construction authorization, please provide that information on Form OP-SUMR.</li></ul> |
| <b>Item 2 Response</b> | <b>Please see the attached Form OP-SUMR for more information.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

**Texas Commission on Environmental Quality  
Federal Operating Permit Program  
Individual Unit Summary for Revisions  
Form OP-SUMR – Table 1**

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| October 30, 2025 | O1583      | RN100223205          |

| Unit/Process<br>AI | Unit/Process<br>Revision No. | Unit/Process ID No. | Unit/Process<br>Applicable<br>Form | Unit/Process Name/ Description | Unit/Process<br>CAM | Preconstruction<br>Authorizations<br>30 TAC Chapter<br>116/ 30 TAC<br>Chapter 106 | Preconstruction<br>Authorizations Title I |
|--------------------|------------------------------|---------------------|------------------------------------|--------------------------------|---------------------|-----------------------------------------------------------------------------------|-------------------------------------------|
|                    |                              | B-4-4               | OP-UA3                             | 21% AAPPD FEED TANK 33327      |                     | 1257A<br><del>106.261/11/01/2003</del><br><del>106.262/11/01/2003</del>           |                                           |

## Ryan Glaze

---

**From:** Schmidt, Crystal (C) <cschmidt6@dow.com>  
**Sent:** Thursday, November 6, 2025 7:47 AM  
**To:** Ryan Glaze  
**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

I uploaded it to STEERS yesterday. I will check with my DAR to make sure she signs and submits it today. Thanks!

*Crystal Schmidt*

Crystal Schmidt  
Air Permit Manager  
The Dow Chemical Company  
332 SH 332 E  
cell phone: 409.392.5054  
phone: 979.238.1742 | email: [cschmidt6@dow.com](mailto:cschmidt6@dow.com)



General Business

---

**From:** Ryan Glaze <James.Glaze@tceq.texas.gov>  
**Sent:** Thursday, November 6, 2025 7:41 AM  
**To:** Schmidt, Crystal (C) <cschmidt6@dow.com>  
**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

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

Good morning Crystal,

Please provide an update if Rohm and Haas will be able to submit the NOD response to Form OP-SUMR for Unit ID B-4-4 to STEERS today. I'm trying to schedule mailout for the site's Public Notice Authorization Package (PNAP) for Friday and cannot do so until I have received this STEERS submission.

Please let me know if this can happen today so I can schedule mailout accordingly.

Thanks,

**Ryan Glaze**  
Operating Permits Section

Air Permits Division  
Texas Commission on Environmental Quality  
P.O. Box 13087 MC 163  
Austin, TX, 78711  
(512) 239-6212



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**From:** Ryan Glaze  
**Sent:** Tuesday, November 4, 2025 11:59 AM  
**To:** 'Schmidt, Crystal (C)' <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>  
**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

Good morning Crystal,

After reviewing with TCEQ's Technical Specialist and looking over at the site's original PM option no. TCEQ will not require an updated Form OP-MON as PM Option PM-P-002 is correct in this situation. I apologize for the inconvenience as I was told incorrect information. Please note that TCEQ will update the Statement of Basis text for this PM Option No.

In the meantime, please submit Form OP-SUMR to change the pre-construction authorization for Unit ID B-4-4 to NSR Permit No. 1257A to STEERS.

Please have this done by **November 6, 2025** at the latest.

Please let me know if you have any questions or feel free to give me a call.

Thanks,

***Ryan Glaze***

Operating Permits Section  
Air Permits Division  
Texas Commission on Environmental Quality  
P.O. Box 13087 MC 163  
Austin, TX, 78711  
(512) 239-6212



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---

**From:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>  
**Sent:** Monday, November 3, 2025 2:16 PM  
**To:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>  
**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

Ryan,

The B-3/HR Process Area Plant historically disclosed opacity excursions in September 2022, November 2022, and December 2022 under Audit Privilege 1855562 during observations performed by a different company. However, upon further review, Rohm and Haas Texas Incorporated (Rohm & Haas) believed these excursions were erroneous. Other than this period, there have been no exceedances.

Please let me know if you have any questions. Thanks!

*Crystal Schmidt*

Crystal Schmidt  
Air Permit Manager  
The Dow Chemical Company  
332 SH 332 E  
cell phone: 409.392.5054  
phone: 979.238.1742 | email: [cschmidt6@dow.com](mailto:cschmidt6@dow.com)



General Business

---

**From:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>  
**Sent:** Friday, October 31, 2025 2:22 PM  
**To:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>  
**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

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

Good afternoon Crystal,

Before our technical specialist can approve your periodic monitoring case-by-case for Unit ID HR-8 further justification is needed.

Has the site had any Opacity exceeds in the past 5 years, and if so, are there any deviation reports of it.

If you could please provide a response by **November 5, 2025** at the latest.

Thanks,

***Ryan Glaze***

Operating Permits Section  
Air Permits Division  
Texas Commission on Environmental Quality  
P.O. Box 13087 MC 163  
Austin, TX, 78711

(512) 239-6212



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---

**From:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Sent:** Friday, October 31, 2025 11:14 AM

**To:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

Ryan,

Please see our updated response and let me know if you have any questions. Thanks and have a great weekend!

*Crystal Schmidt*

Crystal Schmidt  
Air Permit Manager  
The Dow Chemical Company  
332 SH 332 E  
cell phone: 409.392.5054  
phone: 979.238.1742 | email: [cschmidt6@dow.com](mailto:cschmidt6@dow.com)



Seek Together™

---

General Business

---

**From:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>

**Sent:** Thursday, October 30, 2025 2:22 PM

**To:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

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

Good afternoon Crystal,

Please provide justification to the changes listed in Form OP-MON. Additionally, what emissions is going into the vent.

Thanks,

***Ryan Glaze***

Operating Permits Section  
Air Permits Division

Texas Commission on Environmental Quality  
P.O. Box 13087 MC 163  
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(512) 239-6212



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---

**From:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>  
**Sent:** Thursday, October 30, 2025 10:36 AM  
**To:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>  
**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

Ryan,

Please see our attached response and let me know if you have any questions. Thanks!

*Crystal Schmidt*

Crystal Schmidt  
Air Permit Manager  
The Dow Chemical Company  
332 SH 332 E  
cell phone: 409.392.5054  
phone: 979.238.1742 | email: [cschmidt6@dow.com](mailto:cschmidt6@dow.com)



General Business

---

**From:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>  
**Sent:** Wednesday, October 29, 2025 2:34 PM  
**To:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>  
**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

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

Good afternoon Crystal,

Yes, waste gas does constitute as field gas. However, the site will have to define what the waste gas is. Based on the Periodic Monitoring Options Table – PM-P-029 and PM-P-030, the combustions units fueled by pipeline natural gas, liquid petroleum gas or field gas has to be less than 10gr total sulfur per 100 cubic feet.

I hope this answers your question. Please let me know if you have anymore questions.

Thanks,

***Ryan Glaze***

Operating Permits Section  
Air Permits Division  
Texas Commission on Environmental Quality  
P.O. Box 13087 MC 163  
Austin, TX, 78711  
(512) 239-6212



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**From:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Sent:** Wednesday, October 29, 2025 2:06 PM

**To:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

Ryan,

The heading for PM-P-029 and PM-P-030 states, “combustion units fueled by pipeline natural gas, liquid petroleum gas, or field gas...” What exactly does “field gas” mean? Our unit burns both natural gas and a waste gas. Does the waste gas constitute as a field gas? Thanks for your help!

***Crystal Schmidt***

Crystal Schmidt  
Air Permit Manager  
The Dow Chemical Company  
332 SH 332 E  
cell phone: 409.392.5054  
phone: 979.238.1742 | email: [cschmidt6@dow.com](mailto:cschmidt6@dow.com)



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General Business

---

**From:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>

**Sent:** Friday, October 24, 2025 1:23 PM

**To:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

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

Good afternoon Crystal,

After further review, the following changes are required before TCEQ can issue the Public Notice Authorization Package (PNAP).

Please provide Form OP-MON for Periodic Monitoring (PM) for Unit ID HR-8 for 30 TAC Chapter 111 § 111.111(a)(1)(C):

- The existing Periodic Monitoring for Unit ID HR-8 uses PM option No. PM-P-002. This is incorrect. Because PM-P-002 is to be used for monitoring opacity for demonstrating reasonable compliance with particulate matter standards as stated in the basis of monitoring. Please submit an updated OP-MON for periodic monitoring for Unit ID HR-8.
- Please provide Form OP-MON with periodic monitoring options PM-P-029, PM-P-030, or PM-P-033. Please note that PM-P-029 and PM-P-030 are for units fired by natural gas and may not be applicable. Please see the attached document containing the details of periodic monitoring option PM-P-033 which is for method 9 and method 22 with a weekly frequency. If these options are not suitable, please provide Case-By-Case Periodic Monitoring on Form OP-MON with justification. Justification could be manufacture's literature, engineering calculations, or visible emissions test results showing how the proposed case-by-case periodic monitoring will show reasonable compliance with the emission limit from the rule.

Unit ID B-4-4

- Unit ID B-4-4 is authorized by PBRs 106.262 and 106.261 in the effective permit. This unit and its associated PBRs are not documented on Form OP-PBRSUP. All PBRs for a site must be documented on Form OP-PBRSUP. Please note based on our previous conversations that PBRs 106.262 and 106.261 can only be documented on Table A of Form OP-PBRSUP with an associated PBR Registration number. If the unit is authorized by a different pre-construction authorization, please provide that information on Form OP-SUMR.

Please submit the requested information in STEERS by **October 31, 2025** at the latest.

Please let me know if you have any questions.

Thanks,

***Ryan Glaze***

Operating Permits Section

Air Permits Division

Texas Commission on Environmental Quality

P.O. Box 13087 MC 163

Austin, TX, 78711

(512) 239-6212



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---

**From:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Sent:** Wednesday, October 15, 2025 1:24 PM

**To:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

Ryan,

My apologies! Our DAR has been on vacation. She should sign and submit it this afternoon or tomorrow morning at the latest. Thanks!

*Crystal Schmidt*

Crystal Schmidt  
Air Permit Manager  
The Dow Chemical Company  
332 SH 332 E  
cell phone: 409.392.5054  
phone: 979.238.1742 | email: [cschmidt6@dow.com](mailto:cschmidt6@dow.com)



General Business

---

**From:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>

**Sent:** Wednesday, October 15, 2025 1:22 PM

**To:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

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

Good afternoon Crystal,

Can you provide an update on when the NOD received on October 9, 2025 will be submitted to STEERS to certify the forms that you sent to me?

I cannot mailout the Public Notice Authorization Package (PNAP) until these forms have been submitted to STEERS.

Thanks,

***Ryan Glaze***

Operating Permits Section  
Air Permits Division  
Texas Commission on Environmental Quality  
P.O. Box 13087 MC 163  
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(512) 239-6212



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---

**From:** Ryan Glaze

**Sent:** Thursday, October 9, 2025 2:39 PM

**To:** 'Schmidt, Crystal (C)' <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

Good afternoon Crystal,

I was able to review the response and everything seems correct. At this time, please go ahead and submit this NOD response in STEERS to certify the forms.

If you could please have this done by **Monday, October 13, 2025** at the latest.

Please let me know if you have any questions.

Thanks,

***Ryan Glaze***

Operating Permits Section

Air Permits Division

Texas Commission on Environmental Quality

P.O. Box 13087 MC 163

Austin, TX, 78711

(512) 239-6212



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---

**From:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Sent:** Thursday, October 9, 2025 1:07 PM

**To:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

Ryan,

Please see our attached response and let me know if you have any questions. Thanks!

***Crystal Schmidt***

Crystal Schmidt

Air Permit Manager

The Dow Chemical Company

332 SH 332 E

cell phone: 409.392.5054

phone: 979.238.1742 | email: [cschmidt6@dow.com](mailto:cschmidt6@dow.com)



General Business

---

**From:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>  
**Sent:** Friday, September 26, 2025 1:20 PM  
**To:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>  
**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

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Good afternoon Crystal,

Yes, if the unit is in the Title V permit Forms OP-2 and OP-SUMR must be submitted documenting the name change in the response. If the unit only exists on Form OP-PBRSUP because it does not have Title V requirements, then Forms OP-2 and OP-SUMR do not have to be submitted in the response. Just the updated Form OP-PBRSUP.

Please make sure once all changes have been made, please directly submit all forms in STEERS to certify the updates.

Thanks,

***Ryan Glaze***  
Operating Permits Section  
Air Permits Division  
Texas Commission on Environmental Quality  
P.O. Box 13087 MC 163  
Austin, TX, 78711  
(512) 239-6212



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---

**From:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>  
**Sent:** Friday, September 26, 2025 1:03 PM  
**To:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>  
**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

Ryan,

I will work on getting this to you early next week. Would it be possible to change a unit ID and its name in this response?

# Crystal Schmidt

Crystal Schmidt  
Air Permit Manager  
The Dow Chemical Company  
332 SH 332 E  
cell phone: 409.392.5054  
phone: 979.238.1742 | email: [cschmidt6@dow.com](mailto:cschmidt6@dow.com)



General Business

---

**From:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>  
**Sent:** Thursday, September 25, 2025 9:30 AM  
**To:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>  
**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

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Greetings,

After final review, TCEQ requires the following updated information and/or documentation.

**Form OP-REQ1 Page 86**

- Section XII (New Source Review (NSR) Authorization), Subsection B. (Air Quality Standard Permits), Question 1 was answered "YES". Both NSR permits documented in the permit and Form OP-REQ1, Permit Nos. 751 and 1257A, are Case-by-Case NSR Permits. Do any standard permits need to be documented in this permit for the site? If not, please update Form OP-REQ1 and change the response of Question 1 to no and remove the responses to Questions 2-16 as these questions are not required based on Question 1 instructions.

**Form OP-PBRSUP**

- PBRs 106.261 and 106.262 on Table B cannot be claimed. PBRs 106.261 and 106.262 must be registered. Please verify if those PBRs are already registered, if not they must be registered and put on Tables A and D of Form OP-PBRSUP.

Please verify what the site wants to do about the Units on Table B that are authorized by PBRs 106.261 and 106.262. Once all updates have been made, please submit all updated forms in STEERS.

Please have all updated changes back by **October 10, 2025** at the latest. Please let me know if you have any questions.

Thanks,

***Ryan Glaze***

Operating Permits Section  
Air Permits Division  
Texas Commission on Environmental Quality  
P.O. Box 13087 MC 163  
Austin, TX, 78711  
(512) 239-6212



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---

**From:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Sent:** Wednesday, August 13, 2025 2:27 PM

**To:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

Ryan,

Please see our attached response and let me know if you have any questions. Thanks!

***Crystal Schmidt***

Crystal Schmidt  
Air Permit Manager  
The Dow Chemical Company  
332 SH 332 E  
cell phone: 409.392.5054  
phone: 979.238.1742 | email: [cschmidt6@dow.com](mailto:cschmidt6@dow.com)



General Business

---

**From:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>

**Sent:** Thursday, July 31, 2025 2:16 PM

**To:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

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

Good afternoon Crystal,

After further review, I have found several deficiencies with the updated OP-PBRSUP received May 12, 2025 that will need to be resolved.

- Unit ID HR-601 is documented in our database and the TV Permit with non-applicability for MACT Q on Forms OP-UA13 and OP-REQ2 and has the preconstruction authorization PBR 106.371/09/04/2000 however, it is not listed on Form OP-PBRSUP. Please include this unit on Tables B and D.
- Unit ID CT B-3 is documented in our database and the TV Permit with non-applicability for MACT Q on Forms OP-UA13 and OP-REQ2 and has the preconstruction authorization PBR 106.371/09/04/2000. Is Unit ID CT-B-3 the same unit as Unit ID CT-3 provided on Form OP-PBRSUP. Please confirm if these units are the same, and if so, please provide the necessary updates on Form OP-PBRSUP or Form OP-SUMR to ensure they have the same Unit ID.
- Unit ID 38284 has PBR 106.472/09/04/2000 documented as the preconstruction authorization on the Form OP-SUMR that was initially received on February 3, 2025. However, on the updated Form OP-SUMR received on June 20, 2025 it is documented that this has the preconstruction authorizations NSR 751 and PSDTX987. Please confirm which preconstruction authorizations Unit ID 38284 should have documented on Form OP-SUMR . If the updated OP-SUMR received on June 20, 2025 is correct please remove Unit ID 38284 from the updated Form OP-PBRSUP.
- Unit IDs B-3-34287, B-3-18, B-3-19, B-3-20, B-3-36, B-3-39, B-3-60-1, B-3-60-2, B-3-61, and B-4-5 are all documented with PBRs 106.261/11/01/2003 and 106.262/11/01/2003 as preconstruction authorizations on Form OP-SUMR. These should be documented on Form OP-PBRSUP Tables B & D.

Please provide an updated Form OP-PBRSUP and any other necessary forms to correct the deficiencies listed above by **August 15, 2025**. Please let me know if you have any questions.

Thanks,

***Ryan Glaze***

Operating Permits Section

Air Permits Division

Texas Commission on Environmental Quality

P.O. Box 13087 MC 163

Austin, TX, 78711

(512) 239-6212



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---

**From:** Ryan Glaze

**Sent:** Thursday, July 3, 2025 11:42 AM

**To:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

Good afternoon Crystal,

No problem thank you for the clarification. I have made the final change to the permit that was requested. I will go ahead and close WDP review period.

If you could please hold off from submitting the final OP-CRO1 next week. I still need to complete final review of this permit. When I get ready to send this permit to my team leader for final review, I will request the final OP-CRO1 to be submitted with the start and end dates needed.

Thank you for always being responsive and prepared to move forward. Please let me know if you have any questions about the permit or the timeframe that I have set.

Thanks,

***Ryan Glaze***

Operating Permits Section  
Air Permits Division  
Texas Commission on Environmental Quality  
P.O. Box 13087 MC 163  
Austin, TX, 78711  
(512) 239-6212



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---

**From:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Sent:** Thursday, July 3, 2025 11:27 AM

**To:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

Ryan,

I apologize for that. I struck through the wrong version date. I just have one minor comment on the permit face. After that is corrected, I approve of the draft. I will work on getting you a signed Form OP-CRO1 next week. Thanks!

***Crystal Schmidt***

Crystal Schmidt  
Air Permit Manager  
The Dow Chemical Company  
332 SH 332 E  
cell phone: 409.392.5054  
phone: 979.238.1742 | email: [cschmidt6@dow.com](mailto:cschmidt6@dow.com)



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General Business

---

**From:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>

**Sent:** Wednesday, July 2, 2025 2:45 PM

**To:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

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

Good afternoon Crystal,

I have completed the updated changes to the Working Draft Permit (WDP). If there are no other changes or comments that need to be made, I will end Working Draft Permit review period.

**Note:** the changes on the OP-REQ1 to NSR Authorization No. 1257A needs to have its most recent revision date of 01/31/2025. On the updated OP-REQ1 provided the authorization date was 04/20/2021 which was approved at the last renewal.

During this renewal, TCEQ will need to use the most recent approved one which is 01/31/2025. Please submit an updated OP-REQ1 page 89 for NSR Authorization No. 1257A with the issuance date of 01/31/2025.

If you could please look over the changes and have the updated OP-REQ1 page 89 sent back to me by **Wednesday July 9, 2025** that would be great.

Please let me know if you have any questions about the changes made or the updated OP-REQ1 requested.

Thanks,

***Ryan Glaze***

Operating Permits Section

Air Permits Division

Texas Commission on Environmental Quality

P.O. Box 13087 MC 163

Austin, TX, 78711

(512) 239-6212



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---

**From:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Sent:** Wednesday, July 2, 2025 1:48 PM

**To:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

Ryan,

Please see our attached response and let me know if you have any questions. Thanks!

# Crystal Schmidt

Crystal Schmidt  
Air Permit Manager  
The Dow Chemical Company  
332 SH 332 E  
cell phone: 409.392.5054  
phone: 979.238.1742 | email: [cschmidt6@dow.com](mailto:cschmidt6@dow.com)



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General Business

**From:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>

**Sent:** Tuesday, June 24, 2025 3:25 PM

**To:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

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

Good afternoon Crystal,

I have made the changes to the comments on the Working Draft Permit (WDP) sent on June 20. Please note that some of the changes made were already completed in the updated WDP that was sent on June 16, 2025. However, for consistency I will have them mention below. The new changes to the WDP are as follows.

- ST&C for 40 CFR Part 82, Subpart F have been included (Should now be ST&C No. 24)
- Units 34701 & 34714 have been removed from the permit.
- B-3-1 & HR-8 were included in the updated WDP sent on June 16, 2025, the changes have been reviewed and carried over.
- B-3-40 were included in the updated WDP sent on June 16, 2025, the changes have been reviewed and carried over.
- Compliance Assurance Monitoring (CAM) was included for Unit HR-8 in the WDP sent June 16, 2025, the CAM requirements have been carried forward over.
- PSDTX987 & NSR 751 have been updated to the new issuance date of 06/06/2024
- Duplicated PBR 106.261 with version No./Date "11/01/2203" has been removed.
- PBR 106.454 has been updated with the new Version No./Date of "09/04/2000"
- Unit B-3-DEGR New Source Review Authorization has changed from 1257A to PBR 106.454.
- Unit CT B-3 has now included PBR 106.371 to its list of authorizations.
- Unit HTRES-FUG has now included the Registration No. 164537 for PBRs 106.261 & 106.262.
- Units: PRO\_B3/B4MMA & PRO\_B3MAA/GMAA now have PBR 106.263 included to its list of authorizations.

- Units 35244, 35284, 36244, 36284, 38244, and 38284 now have the additional permit shields requested.
- Group GRP-MAAFUG no longer has [G] 63.165 applicability under 40 CFR Part 63, Subpart H. All the citations for this component type are now included to 40 CFR Part 63, Subpart FFFF that was requested in the renewal application sent on February 5, 2025. This excludes [G]63.165 as mentioned in the NOD response sent on June 20, 2025.

There are two changes requested that will need updated forms too. I have already made the changes within the permit.

- A new OP-REQ1 page 88 for NSR 1257A with the new issuance date of "01/31/2025" since the renewal application sent on February 5, 2025 mentions the "11/23/2023" issuance.
- A new OP-SUMR for Units PRO-HR-1, PRO-HR-2, and PRO-HR-3 to include PBR 106.263 to the list of authorizations since the renewal application sent on February 5, 2025 doesn't list this PBR as an authorization for these units.

If you could please provide a response if any other changes are needed by **July 3, 2025** along with sending the updated forms requested that would be great.

Please let me know if you have any questions about the changes that are requested.

***Ryan Glaze***

Operating Permits Section

Air Permits Division

Texas Commission on Environmental Quality

P.O. Box 13087 MC 163

Austin, TX, 78711

(512) 239-6212



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---

**From:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Sent:** Friday, June 20, 2025 10:04 AM

**To:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

Ryan,

Please see our attached response and let me know if you have any questions. Thanks!

***Crystal Schmidt***

Crystal Schmidt

Air Permit Manager

The Dow Chemical Company

332 SH 332 E

cell phone: 409.392.5054

phone: 979.238.1742 | email: [cschmidt6@dow.com](mailto:cschmidt6@dow.com)



General Business

**From:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>  
**Sent:** Monday, June 16, 2025 9:33 AM  
**To:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>  
**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

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

Good morning Crystal,

I have attached the updated the updated Working Draft Permit (WDP) for this facility with the changes requested. Below is a list of changes that have been made from the previous WDP to this new one.

Inclusion of unit HR-8 along with CAM requirements for this unit.  
Inclusion of missing unit PRO\_B3MAA/GMAA to this permit.

If you could please provide a response by **June 27, 2025** if any other changes need to be made that would be great. Please let me know if you have any questions about the changes made or if more time is needed to review the WDP.

Thanks,

***Ryan Glaze***  
Operating Permits Section  
Air Permits Division  
Texas Commission on Environmental Quality  
P.O. Box 13087 MC 163  
Austin, TX, 78711  
(512) 239-6212



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General Business

**From:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>  
**Sent:** Friday, June 6, 2025 11:54 AM  
**To:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>  
**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

Ryan,

Please see our attached response to the NOD items and let me know if you have any questions. Thanks and have a great weekend!

*Crystal Schmidt*

Crystal Schmidt  
Air Permit Manager  
The Dow Chemical Company  
332 SH 332 E  
cell phone: 409.392.5054  
phone: 979.238.1742 | email: [cschmidt6@dow.com](mailto:cschmidt6@dow.com)



General Business

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**From:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>

**Sent:** Friday, May 30, 2025 11:25 AM

**To:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

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

Good morning Crystal,

I have attached the Working Draft Permit (WDP) for Permit No. O1583. Please determine if any changes or modifications need to be made to the contents of the permit. If no changes or modifications need to take place, please provide a response by the date below.

During the creation of the WDP a few deficiencies were found.

Unit HR-8 (OP-UA15)

Based on the OP UA15, Table 13e that was provided for Unit ID HR-8, additional information is required on Table 13g and 13f. Please follow the OP-UA15 form instructions and submit a completed OP-UA15.

Please provide the information requested above by **June 13, 2025**. Once I have received the updated OP-UA15, I will send you the updated WDP with this unit included.

Please let me know if any changes or modifications will need to be made to the WDP by **June 27, 2025**.

Please let me know if you have any questions about the updates requested or the Working Draft Permit.

Thanks,

***Ryan Glaze***

Operating Permits Section  
Air Permits Division  
Texas Commission on Environmental Quality  
P.O. Box 13087 MC 163  
Austin, TX, 78711  
(512) 239-6212



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General Business

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**From:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>  
**Sent:** Monday, May 12, 2025 1:36 PM  
**To:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>  
**Cc:** Rhyan Stone <[Rhyan.Stone@tceq.texas.gov](mailto:Rhyan.Stone@tceq.texas.gov)>; Ulises Luna <[Ulises.Luna@tceq.texas.gov](mailto:Ulises.Luna@tceq.texas.gov)>  
**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

Ryan,

Please see our attached response and let me know if you have any questions. Thanks!

***Crystal Schmidt***

Crystal Schmidt  
Air Permit Manager  
The Dow Chemical Company  
332 SH 332 E  
cell phone: 409.392.5054  
phone: 979.238.1742 | email: [cschmidt6@dow.com](mailto:cschmidt6@dow.com)



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General Business

---

**From:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>  
**Sent:** Friday, May 9, 2025 11:48 AM  
**To:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>  
**Cc:** Rhyan Stone <[Rhyan.Stone@tceq.texas.gov](mailto:Rhyan.Stone@tceq.texas.gov)>; Ulises Luna <[Ulises.Luna@tceq.texas.gov](mailto:Ulises.Luna@tceq.texas.gov)>  
**Subject:** FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

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

Greetings Crystal,

I have completed my initial review of the SOP-renewal application for FOP O1583 Rohm and Haas Texas Incorporated and have identified the following items that require additional information and/or documentation:

#### OP-UA15

On Table 13e 40 CFR Part 63, Subpart FFFF, the table is duplicated to be table 13d. Please look over Table 13e and fill it out for unit HR-8. Additionally, unit B-3-1 does not need to be showcased on table 13e. Since the emission standard for unit B-3-1 is BLWFLR it doesn't need to continue with additional information. Table 13e only needs to be filled out for units who has emissions standards of CD98 or CDPMV.

Please remove unit B-3-1 and update the information for HR-8 for the Table 13e on the OP-UA15.

#### OP-PBRSUP

According to TCEQ records the facility have PBR registrations that are active at the facility that are missing from the OP-PBRSUP. All active registrations at the facility need to be listed on the OP-PBRSUP Tables A & D.

Additionally, some of those active PBR registrations have PBRs that are not listed on the OP-REQ1 page 89 PBR section. If PBRs that were not initially put on the OP-REQ1 page 89 they will also need to be documented on that form (Note: if all the active PBRs at the facility are already listed, then this doesn't need to be updated).

Also on Table A, unit B-3-55-1 is listed twice for registration 145125 please remove the duplicate Unit ID number.

Once all changes to the OP-PBRSUP have been made please send an updated OP-PBRSUP.

If you could please have the updated OP-UA15 sent to me by **May 23, 2025** that would be great.

If you could please have the updated OP-PBRSUP sent to me by **May 30, 2025** that would be great.

Once I receive the updated OP-UA15 I will send the Working Draft Permit (WDP) for you to review. Please note that all the PBR registrations may not show up on the WDP. Once I receive the updated OP-PBRSUP I will add any additional PBR registrations to the WDP and send it back for further review.

Please let me know if you have any questions about the updates for the OP-UA15 or the OP-PBRSUP.

Thanks,

***Ryan Glaze***

Operating Permits Section

Air Permits Division

Texas Commission on Environmental Quality

P.O. Box 13087 MC 163  
Austin, TX, 78711  
(512) 239-6212



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## Texas Commission on Environmental Quality

Title V Existing

1583

### Site Information (Regulated Entity)

|                                                       |                                                |
|-------------------------------------------------------|------------------------------------------------|
| What is the name of the permit area to be authorized? | B-3/HR PROCESS AREA                            |
| Does the site have a physical address?                | Yes                                            |
| Physical Address                                      |                                                |
| Number and Street                                     | 1900 TIDAL RD                                  |
| City                                                  | DEER PARK                                      |
| State                                                 | TX                                             |
| ZIP                                                   | 77536                                          |
| County                                                | HARRIS                                         |
| Latitude (N) (##.#####)                               | 29.726388                                      |
| Longitude (W) (-###.#####)                            | 95.102777                                      |
| Primary SIC Code                                      | 2869                                           |
| Secondary SIC Code                                    |                                                |
| Primary NAICS Code                                    | 325199                                         |
| Secondary NAICS Code                                  |                                                |
| Regulated Entity Site Information                     |                                                |
| What is the Regulated Entity's Number (RN)?           | RN100223205                                    |
| What is the name of the Regulated Entity (RE)?        | ROHM AND HAAS TEXAS DEER PARK PLANT            |
| Does the RE site have a physical address?             | Yes                                            |
| Physical Address                                      |                                                |
| Number and Street                                     | 1900 TIDAL RD                                  |
| City                                                  | DEER PARK                                      |
| State                                                 | TX                                             |
| ZIP                                                   | 77536                                          |
| County                                                | HARRIS                                         |
| Latitude (N) (##.#####)                               | 29.688055                                      |
| Longitude (W) (-###.#####)                            | -95.103611                                     |
| Facility NAICS Code                                   |                                                |
| What is the primary business of this entity?          | Production of acrylic and methacrylic monomers |

### Customer (Applicant) Information

|                                                  |                                  |
|--------------------------------------------------|----------------------------------|
| How is this applicant associated with this site? | Owner Operator                   |
| What is the applicant's Customer Number (CN)?    | CN605605831                      |
| Type of Customer                                 | Corporation                      |
| Full legal name of the applicant:                |                                  |
| Legal Name                                       | Rohm and Haas Texas Incorporated |
| Texas SOS Filing Number                          | 803181772                        |
| Federal Tax ID                                   | 741703761                        |
| State Franchise Tax ID                           | 17417037615                      |

|                                   |          |
|-----------------------------------|----------|
| State Sales Tax ID                |          |
| Local Tax ID                      |          |
| DUNS Number                       | 65096273 |
| Number of Employees               | 501+     |
| Independently Owned and Operated? | Yes      |

## Responsible Official Contact

Person TCEQ should contact for questions about this application:

|                                                              |                          |
|--------------------------------------------------------------|--------------------------|
| Organization Name                                            | THE DOW CHEMICAL COMPANY |
| Prefix                                                       | MS                       |
| First                                                        | JOANNE                   |
| Middle                                                       |                          |
| Last                                                         | SEKELLA                  |
| Suffix                                                       |                          |
| Credentials                                                  |                          |
| Title                                                        | VICE PRESIDENT           |
| Enter new address or copy one from list:                     |                          |
| Mailing Address                                              |                          |
| Address Type                                                 | Domestic                 |
| Mailing Address (include Suite or Bldg. here, if applicable) | PO BOX 1000              |
| Routing (such as Mail Code, Dept., or Attn:)                 |                          |
| City                                                         | DEER PARK                |
| State                                                        | TX                       |
| ZIP                                                          | 77536                    |
| Phone (###-###-####)                                         | 6102447765               |
| Extension                                                    |                          |
| Alternate Phone (###-###-####)                               |                          |
| Fax (###-###-####)                                           |                          |
| E-mail                                                       | fhubehs@dow.com          |

## Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

|                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| Organization Name                       | FRAN FALCON(THE DOW CHEMICA... )          |
| Prefix                                  | THE DOW CHEMICAL COMPANY                  |
| First                                   | MS                                        |
| Middle                                  | FRAN                                      |
| Last                                    | FALCON                                    |
| Suffix                                  |                                           |
| Credentials                             |                                           |
| Title                                   | EH&S REGIONAL LEVERAGED DELIVERY DIRECTOR |
| Enter new address or copy one from list |                                           |
| Mailing Address                         |                                           |
| Address Type                            | Domestic                                  |

Mailing Address (include Suite or Bldg. here, if applicable)  
Routing (such as Mail Code, Dept., or Attn:)  
City  
State  
Zip  
Phone (###-###-####)  
Extension  
Alternate Phone (###-###-####)  
Fax (###-###-####)  
E-mail

332 HIGHWAY 332 E  
LJ APB 2A145B  
LAKE JACKSON  
TX  
77566  
9792389764  
  
9792358116  
FHUBEHS@DOW.COM

## Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

CRYSTAL SCHMIDT(THE DOW CHEMICA... )

Organization Name

THE DOW CHEMICAL COMPANY

Prefix

MRS

First

CRYSTAL

Middle

Last

SCHMIDT

Suffix

Credentials

Title

AIR PERMIT MANAGER

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

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

332 HIGHWAY 332 E

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

City

LAKE JACKSON

State

TX

ZIP

77566

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

9792381742

Extension

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

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

E-mail

cschmidt6@dow.com

## Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

29 Deg 43 Min 35 Sec

3) Permit Longitude Coordinate:

95 Deg 6 Min 10 Sec

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

Update

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

1583-37643

5) Who will electronically sign this Title V application?

Duly Authorized Representative

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

No

## Title V Attachments Existing

---

Attach OP-1 (Site Information Summary)

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

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name

<a href=/ePermitsExternal/faces/file?fileId=292516>2025-10-30\_NOD\_Response\_O1583\_STEERS\_Submittal.pdf</a>

Hash

4A4C05D01FDC800CCDFDCE1678EA14393B0AE737DD962F6CC0A586648209CFFE

MIME-Type

application/pdf

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

## Certification

---

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

1. I am Fran Q Falcon, the owner of the STEERS account ER028176.
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 1583.
- 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: Fran Q Falcon OWNER OPERATOR

|                                      |                                                                   |
|--------------------------------------|-------------------------------------------------------------------|
| Account Number:                      | ER028176                                                          |
| Signature IP Address:                | 170.85.99.9                                                       |
| Signature Date:                      | 2025-11-06                                                        |
| Signature Hash:                      | 47028DDAF3697FA5C70F77C16A06E50F53CC1EEEEAEF487D89AB53CE34D67B713 |
| Form Hash Code at time of Signature: | FCDAE674A2EE60A978B94B9244F7A30110F0397A31213180CB183B7D848539CF  |

Submission

|                      |                                                                |
|----------------------|----------------------------------------------------------------|
| Reference Number:    | The application reference number is 833878                     |
| Submitted by:        | The application was submitted by<br>ER028176/Fran Q Falcon     |
| Submitted Timestamp: | The application was submitted on 2025-11-06<br>at 08:36:33 CST |
| Submitted From:      | The application was submitted from IP address<br>170.85.99.9   |
| Confirmation Number: | The confirmation number is 690800                              |
| Steers Version:      | The STEERS version is 6.93                                     |
| Permit Number:       | The permit number is 1583                                      |

Additional Information

Application Creator: This account was created by Crystal Schmidt

## Texas Commission on Environmental Quality

Title V Existing

1583

### Site Information (Regulated Entity)

|                                                       |                                                |
|-------------------------------------------------------|------------------------------------------------|
| What is the name of the permit area to be authorized? | B-3/HR PROCESS AREA                            |
| Does the site have a physical address?                | Yes                                            |
| Physical Address                                      |                                                |
| Number and Street                                     | 1900 TIDAL RD                                  |
| City                                                  | DEER PARK                                      |
| State                                                 | TX                                             |
| ZIP                                                   | 77536                                          |
| County                                                | HARRIS                                         |
| Latitude (N) (##.#####)                               | 29.726388                                      |
| Longitude (W) (-###.#####)                            | 95.102777                                      |
| Primary SIC Code                                      | 2869                                           |
| Secondary SIC Code                                    |                                                |
| Primary NAICS Code                                    | 325199                                         |
| Secondary NAICS Code                                  |                                                |
| Regulated Entity Site Information                     |                                                |
| What is the Regulated Entity's Number (RN)?           | RN100223205                                    |
| What is the name of the Regulated Entity (RE)?        | ROHM AND HAAS TEXAS DEER PARK PLANT            |
| Does the RE site have a physical address?             | Yes                                            |
| Physical Address                                      |                                                |
| Number and Street                                     | 1900 TIDAL RD                                  |
| City                                                  | DEER PARK                                      |
| State                                                 | TX                                             |
| ZIP                                                   | 77536                                          |
| County                                                | HARRIS                                         |
| Latitude (N) (##.#####)                               | 29.688055                                      |
| Longitude (W) (-###.#####)                            | -95.103611                                     |
| Facility NAICS Code                                   |                                                |
| What is the primary business of this entity?          | Production of acrylic and methacrylic monomers |

### Customer (Applicant) Information

|                                                  |                                  |
|--------------------------------------------------|----------------------------------|
| How is this applicant associated with this site? | Owner Operator                   |
| What is the applicant's Customer Number (CN)?    | CN605605831                      |
| Type of Customer                                 | Corporation                      |
| Full legal name of the applicant:                |                                  |
| Legal Name                                       | Rohm and Haas Texas Incorporated |
| Texas SOS Filing Number                          | 803181772                        |
| Federal Tax ID                                   | 741703761                        |
| State Franchise Tax ID                           | 17417037615                      |

|                                   |          |
|-----------------------------------|----------|
| State Sales Tax ID                |          |
| Local Tax ID                      |          |
| DUNS Number                       | 65096273 |
| Number of Employees               | 501+     |
| Independently Owned and Operated? | Yes      |

## Responsible Official Contact

Person TCEQ should contact for questions about this application:

|                                                              |                          |
|--------------------------------------------------------------|--------------------------|
| Organization Name                                            | THE DOW CHEMICAL COMPANY |
| Prefix                                                       | MS                       |
| First                                                        | JOANNE                   |
| Middle                                                       |                          |
| Last                                                         | SEKELLA                  |
| Suffix                                                       |                          |
| Credentials                                                  |                          |
| Title                                                        | VICE PRESIDENT           |
| Enter new address or copy one from list:                     |                          |
| Mailing Address                                              |                          |
| Address Type                                                 | Domestic                 |
| Mailing Address (include Suite or Bldg. here, if applicable) | PO BOX 1000              |
| Routing (such as Mail Code, Dept., or Attn:)                 |                          |
| City                                                         | DEER PARK                |
| State                                                        | TX                       |
| ZIP                                                          | 77536                    |
| Phone (###-###-####)                                         | 6102447765               |
| Extension                                                    |                          |
| Alternate Phone (###-###-####)                               |                          |
| Fax (###-###-####)                                           |                          |
| E-mail                                                       | fhubehs@dow.com          |

## Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

|                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| Organization Name                       | FRAN FALCON(THE DOW CHEMICA... )          |
| Prefix                                  | THE DOW CHEMICAL COMPANY                  |
| First                                   | MS                                        |
| Middle                                  | FRAN                                      |
| Last                                    | FALCON                                    |
| Suffix                                  |                                           |
| Credentials                             |                                           |
| Title                                   | EH&S REGIONAL LEVERAGED DELIVERY DIRECTOR |
| Enter new address or copy one from list |                                           |
| Mailing Address                         |                                           |
| Address Type                            | Domestic                                  |

Mailing Address (include Suite or Bldg. here, if applicable)  
Routing (such as Mail Code, Dept., or Attn:)  
City  
State  
Zip  
Phone (###-###-####)  
Extension  
Alternate Phone (###-###-####)  
Fax (###-###-####)  
E-mail

332 HIGHWAY 332 E  
LJ APB 2A145B  
LAKE JACKSON  
TX  
77566  
9792389764  
  
9792358116  
FHUBEHS@DOW.COM

## Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

CRYSTAL SCHMIDT(THE DOW CHEMICA... )

Organization Name

THE DOW CHEMICAL COMPANY

Prefix

MRS

First

CRYSTAL

Middle

Last

SCHMIDT

Suffix

Credentials

Title

AIR PERMIT MANAGER

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

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

332 HIGHWAY 332 E

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

City

LAKE JACKSON

State

TX

ZIP

77566

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

9792381742

Extension

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

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

E-mail

cschmidt6@dow.com

## Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

29 Deg 43 Min 35 Sec

3) Permit Longitude Coordinate:

95 Deg 6 Min 10 Sec

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

Update

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

1583-37643

5) Who will electronically sign this Title V application?

Duly Authorized Representative

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

No

## Title V Attachments Existing

---

Attach OP-1 (Site Information Summary)

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

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name

<a href=/ePermitsExternal/faces/file?fileId=287683>2025-10-09\_NOD\_Response\_O1583.pdf</a>

Hash

3B2BD1A6A2AEB0D8E4A50AD06E2A78DC5B640B12D346C085DC40F4CA51BFABFA

MIME-Type

application/pdf

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

## Certification

---

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

1. I am Fran Q Falcon, the owner of the STEERS account ER028176.
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 1583.
- 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: Fran Q Falcon OWNER OPERATOR

|                                      |                                                                   |
|--------------------------------------|-------------------------------------------------------------------|
| Account Number:                      | ER028176                                                          |
| Signature IP Address:                | 136.226.100.202                                                   |
| Signature Date:                      | 2025-10-16                                                        |
| Signature Hash:                      | 47028DDAF3697FA5C70F77C16A06E50F53CC1EEEEAEF487D89AB53CE34D67B713 |
| Form Hash Code at time of Signature: | 16F5B6A080A0EA659F9F5D0A6E88243ADBBF2096DE0C87DBFD1AEDA0FEE24EE2  |

Submission

|                      |                                                                  |
|----------------------|------------------------------------------------------------------|
| Reference Number:    | The application reference number is 825190                       |
| Submitted by:        | The application was submitted by<br>ER028176/Fran Q Falcon       |
| Submitted Timestamp: | The application was submitted on 2025-10-16<br>at 09:55:01 CDT   |
| Submitted From:      | The application was submitted from IP address<br>136.226.100.202 |
| Confirmation Number: | The confirmation number is 685786                                |
| Steers Version:      | The STEERS version is 6.93                                       |
| Permit Number:       | The permit number is 1583                                        |

Additional Information

Application Creator: This account was created by Crystal Schmidt



October 9, 2025

**E-MAIL RESPONSE**

Texas Commission on Environmental Quality  
ATTN: Mr. Ryan Glaze  
Air Permits Division, MC-163  
P.O. Box 13087  
Austin, TX 78711-3087

**Rohm and Haas Texas Incorporated, CN605605831**  
**B-3/HR Process Area, RN100223205**  
**Title V Operating Permit NOD Response for B-3/HR Process Area, O1583**  
**TCEQ Project Number: 37643**

Dear Mr. Glaze,

Rohm and Haas Texas Incorporated (Rohm & Haas) is providing a response to the Notice of Deficiency (NOD) provided on September 25, 2025. Rohm & Haas is also requesting several revisions in this submittal. Please see the attached Form OP-2 for more information.

Please do not hesitate to contact me at (979) 238-1742 or [cschmidt6@dow.com](mailto:cschmidt6@dow.com) if you require additional information regarding this submittal.

Sincerely,

*Crystal Schmidt*

Crystal Schmidt  
Air Permit Manager

enclosure

cc:

US EPA Region 6  
TCEQ Air Section Manager, Region 12  
Harris County Pollution Control Services Department Director

R6AirPermitsTX@epa.gov  
R12apdmail@tceq.texas.gov  
Air\_Permits@pcs.hctx.net  
Latrice.babin@pcs.hctx.net

### Additional Information Request

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Item 1</b>          | Form OP-REQ1 (Page 86) <ul style="list-style-type: none"><li>- Section XII (New Source Review (NSR) Authorization), Subsection B. (Air Quality Standard Permits), Question 1 was answered “YES”. Both NSR permits documented in the permit and Form OP-REQ1, Permit Nos. 751 and 1257A, are Case-by-Case NSR Permits. Do any standard permits need to be documented in this permit for the site? If not, please update Form OP-REQ1 and change the response of Question 1 to no and remove the responses to Questions 2-16 as these questions are not required based on Question 1 instructions.</li></ul> |
| <b>Item 1 Response</b> | <b>Please see the attached Form OP-REQ1 (Pages 86 and 87 only) for more information.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Item 2</b>          | Form OP-PBRSUP <ul style="list-style-type: none"><li>- PBRs 106.261 and 106.262 on Table B cannot be claimed. PBRs 106.261 and 106.262 must be registered. Please verify if those PBRs are already registered, if not they must be registered and put on Tables A and D of Form OP-PBRSUP.</li></ul>                                                                                                                                                                                                                                                                                                       |
| <b>Item 2 Response</b> | <b>Please see the attached Form OP-SUMR and OP-PBRSUP for more information.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

**Federal Operating Permit Program**  
**Form OP-2 – Application for Permit Revision/Renewal**  
**Table 2**

|                                                       |
|-------------------------------------------------------|
| Date: <b>October 9, 2025</b>                          |
| Permit No.: <b>O1583</b>                              |
| Regulated Entity No.: <b>RN100223205</b>              |
| Company Name: <b>Rohm and Haas Texas Incorporated</b> |

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

| Revision No. | Revision Code | New Unit | Unit/Group                          | Process         | NSR<br>Authorization | Description of Change and Provisional Terms and Conditions                                                                                                             |
|--------------|---------------|----------|-------------------------------------|-----------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |               |          | ID No.                              | Applicable Form |                      |                                                                                                                                                                        |
| 1            | MS-C          | NO       | <i>34160-80</i><br><del>34160</del> | OP-SUMR         | N/A                  | Please update the Unit/Process ID No. from “34160” to “34160-80”.<br><br>Please update the Unit/Process Name/Description from “SEAL POT 34160” to “SEAL POT 34160-80”. |

**Texas Commission on Environmental Quality  
Federal Operating Permit Program  
Individual Unit Summary for Revisions  
Form OP-SUMR – Table 1**

| Date            | Permit No. | Regulated Entity No. |
|-----------------|------------|----------------------|
| October 9, 2025 | O1583      | RN100223205          |

| Unit/Process<br>AI | Unit/Process<br>Revision No. | Unit/Process ID No.          | Unit/Process<br>Applicable<br>Form | Unit/Process Name/ Description                 | Unit/Process<br>CAM | Preconstruction<br>Authorizations<br>30 TAC Chapter<br>116/ 30 TAC<br>Chapter 106 | Preconstruction<br>Authorizations Title I |
|--------------------|------------------------------|------------------------------|------------------------------------|------------------------------------------------|---------------------|-----------------------------------------------------------------------------------|-------------------------------------------|
|                    | 1                            | <del>34160-80</del><br>34160 | OP-REQ2                            | <del>SEAL POT 34160-80</del><br>SEAL POT 34160 |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-18                       | OP-UA3                             | LIGHT ENDS STORAGE TANK<br>34402               |                     | 1257A<br><del>106.261/11/01/2003</del><br><del>106.262/11/01/2003</del>           |                                           |
|                    |                              | B-3-19                       | OP-UA3                             | LIGHT ENDS STORAGE TANK<br>34426               |                     | 1257A<br><del>106.261/11/01/2003</del><br><del>106.262/11/01/2003</del>           |                                           |
|                    |                              | B-3-20                       | OP-UA3                             | RR VENT CONDENSATE TANK<br>34430               |                     | 1257A<br><del>106.261/11/01/2003</del><br><del>106.262/11/01/2003</del>           |                                           |
|                    |                              | B-3-34287                    | OP-REQ2                            | B3 MID SETTLER                                 |                     | 1257A<br><del>106.261/11/01/2003</del><br><del>106.262/11/01/2003</del>           |                                           |
|                    |                              | B-3-36                       | OP-REQ2                            | SHORTSTOP TANK 22080                           |                     | 1257A<br><del>106.261/11/01/2003</del><br><del>106.262/11/01/2003</del>           |                                           |
|                    |                              | B-3-39                       | OP-UA3                             | ACETONE WATER SEAL TANK<br>22100               |                     | 1257A<br><del>106.261/11/01/2003</del><br><del>106.262/11/01/2003</del>           |                                           |

**Texas Commission on Environmental Quality  
Federal Operating Permit Program  
Individual Unit Summary for Revisions  
Form OP-SUMR – Table 1**

| Date            | Permit No. | Regulated Entity No. |
|-----------------|------------|----------------------|
| October 9, 2025 | O1583      | RN100223205          |

| Unit/Process<br>AI | Unit/Process<br>Revision No. | Unit/Process ID No. | Unit/Process<br>Applicable<br>Form | Unit/Process Name/ Description | Unit/Process<br>CAM | Preconstruction<br>Authorizations<br>30 TAC Chapter<br>116/ 30 TAC<br>Chapter 106 | Preconstruction<br>Authorizations Title I |
|--------------------|------------------------------|---------------------|------------------------------------|--------------------------------|---------------------|-----------------------------------------------------------------------------------|-------------------------------------------|
|                    |                              | B-3-60-1            | OP-UA3                             | GMAA PRODUCT TANK 22070        |                     | 1257A<br><del>106.261/11/01/2003</del><br><del>106.262/11/01/2003</del>           |                                           |
|                    |                              | B-3-60-2            | OP-UA3                             | GMAA PRODUCT TANK 22075        |                     | 1257A<br><del>106.261/11/01/2003</del><br><del>106.262/11/01/2003</del>           |                                           |
|                    |                              | B-3-61              | OP-UA15                            | PTZ SLURRY POT 34334           |                     | 1257A<br><del>106.261/11/01/2003</del><br><del>106.262/11/01/2003</del>           |                                           |
|                    |                              | B-4-5               | OP-UA3                             | PTZ FEED TANK 33336            |                     | <b>1257A</b><br><del>106.261/11/01/2003</del><br><del>106.262/11/01/2003</del>    |                                           |

**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. |
|-----------------|------------|----------------------|
| October 9, 2025 | O1583      | RN100223205          |

For SOP applications, answer ALL questions unless otherwise directed.

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

**XII.New Source Review (NSR) Authorizations (continued)**

**B.Air Quality Standard Permits**

|      |                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                  |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ◆ 1. | The application area includes at least one Air Quality Standard Permit NSR authorization.<br><i>If the response to XII.B.1 is "No," go to Section XII.C. If the response to XII.B.1 is "Yes," be sure to include the standard permit's registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><input checked="" type="checkbox"/> <del>Yes</del> <input type="checkbox"/> <del>No</del> |
| ◆ 2. | The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617.                                                                                                                                                                         | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><input checked="" type="checkbox"/> <del>Yes</del> <input type="checkbox"/> <del>No</del> |
| ◆ 3. | The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.                                                                                                                                                                                          | <input type="checkbox"/> <del>Yes</del> <input checked="" type="checkbox"/> <del>No</del>                                                                        |
| ◆ 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"/> <del>Yes</del> <input checked="" type="checkbox"/> <del>No</del>                                                                        |
| ◆ 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"/> <del>Yes</del> <input checked="" type="checkbox"/> <del>No</del>                                                                        |
| ◆ 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"/> <del>Yes</del> <input checked="" type="checkbox"/> <del>No</del>                                                                        |
| ◆ 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"/> <del>Yes</del> <input checked="" type="checkbox"/> <del>No</del>                                                                        |
| 8.   | The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.                                                                                                                                                                                                           | <input type="checkbox"/> <del>Yes</del> <input checked="" type="checkbox"/> <del>No</del>                                                                        |
| 9.   | The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.                                                                                                                                                                                    | <input type="checkbox"/> <del>Yes</del> <input checked="" type="checkbox"/> <del>No</del>                                                                        |
| 10.  | The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.                                                                                                                                                                                                          | <input type="checkbox"/> <del>Yes</del> <input checked="" type="checkbox"/> <del>No</del>                                                                        |

**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. |
|-----------------|------------|----------------------|
| October 9, 2025 | O1583      | RN100223205          |

For SOP applications, answer ALL questions unless otherwise directed.

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

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

**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 |
|-----------------|---------------|-------------------------|
| October 9, 2025 | O1583         | RN100223205             |

| Unit ID No.                |                              | Registration No. | PBR No.            | Registration Date |
|----------------------------|------------------------------|------------------|--------------------|-------------------|
| B3CHILL                    |                              | 126178           | 106.373            | 02/27/2015        |
| B-3-55-1<br>B-3-55-2       |                              | 145125           | 106.261<br>106.262 | 03/15/2017        |
| B-3-47<br>B-3-48           |                              | 161251           | 106.261<br>106.262 | 05/13/2020        |
| B-3-1                      |                              | 162074           | 106.261<br>106.262 | 08/17/2020        |
| B-3-47<br>B-3-48<br>B-3-49 | B-3-50<br>B-4-9<br>HTRES-FUG | 164537           | 106.261<br>106.262 | 05/04/2021        |
| B-3-47<br>B-3-48<br>B-3-49 | B-3-50<br>B-4-9              | 168470           | 106.261<br>106.262 | 05/04/2022        |
| B-3-47<br>B-3-48           | B-3-49<br>B-4-50             | 171729           | 106.261<br>106.262 | 03/01/2023        |
| B-3-47<br>B-3-48           | B-3-49                       | 172167           | 106.261<br>106.262 | 04/13/2023        |
| B-3-47<br>B-3-48           | B-3-49                       | 175711           | 106.261<br>106.262 | 08/26/2024        |
| B-3-4                      |                              | 178426           | 106.261            | 12/06/2024        |
| HR-8<br>HR-FUG             |                              | 177771           | 106.261<br>106.262 | 10/31/2024        |

**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 |
|-----------------|---------------|-------------------------|
| October 9, 2025 | O1583         | RN100223205             |

| Unit ID No.                                                                                              | PBR No.                                                                              | Version No./Date                         |
|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------|
| CT B-3<br>HR-601                                                                                         | 106.371                                                                              | 09/04/2000                               |
| B-3-DEGR                                                                                                 | 106.454                                                                              | 09/04/2000                               |
| B-3-47<br>HR-8<br>HR-1                                                                                   | 106.264                                                                              | 09/04/2000                               |
| B3-SUB21<br>B3-SUB5                                                                                      | 106.511                                                                              | 09/04/2000                               |
| 38244                                                                                                    | 106.472                                                                              | 09/04/2000                               |
| PRO-HR-1<br>PRO-HR-2<br>PRO-HR-3<br>PRO_B3/B4MMA<br>PRO_B3MAA/GMAA                                       | 106.263                                                                              | 11/01/2001                               |
| <del>B-3-34287</del><br><del>B-3-18</del><br><del>B-3-19</del><br><del>B-3-20</del><br><del>B-3-36</del> | <del>B-3-39</del><br><del>B-3-60-1</del><br><del>B-3-60-2</del><br><del>B-3-61</del> | <del>106.261</del><br><del>106.262</del> |
| B-4-5                                                                                                    | <del>106.261</del><br><del>106.262</del>                                             | <del>11/01/2003</del>                    |

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

| Date            | Permit Number | Regulated Entity Number |
|-----------------|---------------|-------------------------|
| October 9, 2025 | O1583         | RN100223205             |

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

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

| Date            | Permit Number | Regulated Entity Number |
|-----------------|---------------|-------------------------|
| October 9, 2025 | O1583         | RN100223205             |

| Unit ID No.                |                              | PBR No.            | Version No./Date Or Registration No. | Monitoring Requirement                                                                                                                                                                            |
|----------------------------|------------------------------|--------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B3CHILL                    |                              | 106.373            | 126178                               | Maintain records of refrigerant type and usage.                                                                                                                                                   |
| B-3-55-1<br>B-3-55-2       |                              | 106.261<br>106.262 | 145125                               | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023). |
| B-3-47<br>B-3-48           |                              | 106.261<br>106.262 | 161251                               | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023). |
| B-3-1                      |                              | 106.261<br>106.262 | 162074                               | Flare will continue to meet the monitoring and recordkeeping requirements of NSR 1257A SC #7 for minimum net heating value and exit velocity.                                                     |
| B-3-47<br>B-3-48<br>B-3-49 | B-3-50<br>B-4-9<br>HTRES-FUG | 106.261<br>106.262 | 164537                               | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023). |
| B-3-47<br>B-3-48<br>B-3-49 | B-3-50<br>B-4-9              | 106.261<br>106.262 | 168470                               | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023). |
| B-3-47<br>B-3-48           | B-3-49<br>B-3-50             | 106.261<br>106.262 | 171729                               | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023). |
| B-3-47<br>B-3-48<br>B-3-49 |                              | 106.261<br>106.262 | 172167                               | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023). |
| B-3-47<br>B-3-48<br>B-3-49 |                              | 106.261<br>106.262 | 175711                               | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023). |

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

| Date            | Permit Number | Regulated Entity Number |
|-----------------|---------------|-------------------------|
| October 9, 2025 | O1583         | RN100223205             |

| Unit ID No.                                                                                              |                                                                                      | PBR No.                                  | Version No./Date Or Registration No. | Monitoring Requirement                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B-3-4                                                                                                    |                                                                                      | 106.261<br>106.262                       | 178426                               | Maintain records of emissions to demonstrate compliance with 106.261(a)(2)-(3) and 106.262(a)(2)-(3) as required by NSR 1257A SC #15.E. (Issuance Date 11/14/2023).                                                                                  |
| HR-8<br>HR-FUG                                                                                           |                                                                                      | 106.261<br>106.262                       | 177771                               | Maintain records of emissions to demonstrate compliance with 106.261(a)(2)-(3) and 106.262(a)(2)-(3) as required by NSR 751 SC #16 (Issuance Date 06/04/2024).                                                                                       |
| CT B-3<br>HR-601                                                                                         |                                                                                      | 106.371                                  | 09/04/2000                           | Maintain records to ensure cooling tower is not being used in direct contact with gaseous or liquid process streams containing carbon compounds, sulfur compounds, halogens or halogen compounds, cyanide compounds, inorganic acids, or acid gases. |
| B-3-DEGR                                                                                                 |                                                                                      | 106.454                                  | 09/04/2000                           | Maintain records of solvent makeup.                                                                                                                                                                                                                  |
| B-3-47<br>HR-8<br>HR-1                                                                                   |                                                                                      | 106.264                                  | 09/04/2000                           | Maintain records of throughput.                                                                                                                                                                                                                      |
| B3-SUB21<br>B3-SUB5                                                                                      |                                                                                      | 106.511                                  | 09/04/2000                           | Maintain records of operation.                                                                                                                                                                                                                       |
| 38244                                                                                                    |                                                                                      | 106.472                                  | 09/04/2000                           | Maintain records of tank service and annual throughput.                                                                                                                                                                                              |
| PRO-HR-1<br>PRO-HR-2<br>PRO-HR-3<br>PRO_B3/B4MMA<br>PRO_B3MAA/GMAA                                       |                                                                                      | 106.263                                  | 11/01/2001                           | Track emissions on a rolling 12-month basis.                                                                                                                                                                                                         |
| <del>B-3-34287</del><br><del>B-3-18</del><br><del>B-3-19</del><br><del>B-3-20</del><br><del>B-3-36</del> | <del>B-3-39</del><br><del>B-3-60-1</del><br><del>B-3-60-2</del><br><del>B-3-61</del> | <del>106.261</del><br><del>106.262</del> | <del>11/01/2003</del>                | <del>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023).</del>                                         |

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

| Date            | Permit Number | Regulated Entity Number |
|-----------------|---------------|-------------------------|
| October 9, 2025 | O1583         | RN100223205             |

| Unit ID No.      | PBR No.                                  | Version No./Date Or Registration No. | Monitoring Requirement                                                                                                                    |
|------------------|------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <del>B-4-5</del> | <del>106.261</del><br><del>106.262</del> | <del>11/01/2003</del>                | <del>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program.</del> |

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

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

|                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------|
| <b>I. Identifying Information</b>                                                                                               |
| RN: <b>RN100223205</b>                                                                                                          |
| CN: <b>CN605605831</b>                                                                                                          |
| Account No.: <b>HG-0632-T</b>                                                                                                   |
| Permit No.: <b>O1583</b>                                                                                                        |
| Project No.: <b>37643</b>                                                                                                       |
| Area Name: <b>B-3/HR Process Area</b>                                                                                           |
| Company Name: <b>Rohm and Haas Texas Incorporated</b>                                                                           |
| <b>II. Certification Type</b> <i>(Please mark appropriate box)</i>                                                              |
| <input type="checkbox"/> Responsible Official Representative <input checked="" type="checkbox"/> Duly Authorized Representative |
| <b>III. Submittal Type</b> <i>(Please mark appropriate box) (Only one response can be accepted per form)</i>                    |
| <input type="checkbox"/> SOP/TOP Initial Permit Application <input type="checkbox"/> Permit Revision, Renewal, or Reopening     |
| <input type="checkbox"/> GOP Initial Permit Application <input type="checkbox"/> Update to Permit Application                   |
| <input checked="" type="checkbox"/> Other: <b><u>Working Draft Permit Certification</u></b>                                     |

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

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

|                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>IV. Certification of Truth</b>                                                                                                                                                                                                                                                                                                                                                               |
| <b>This certification does not extend to information which is designated by TCEQ as information for reference only.</b>                                                                                                                                                                                                                                                                         |
| I, <u><b>Fran Falcon</b></u> certify that I am the <u><b>DAR</b></u><br><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>                                                                                                                                                 |
| and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:<br><i>Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i> |
| Time Period: From <u><b>May 9, 2025</b></u> to <u><b>August 14, 2025</b></u><br><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: _____<br><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>                                                                                                                                                                     |
| _____<br><div style="display: flex; justify-content: space-around; margin-top: 5px;"><span><i>(Date 5)</i></span><span><i>(Date 6)</i></span></div>                                                                                                                                                                                                                                             |
| Signature: _____ Signature Date: <u><b>August 14, 2025</b></u>                                                                                                                                                                                                                                                                                                                                  |
| Title: <u><b>Texas Regional Environmental Leader</b></u>                                                                                                                                                                                                                                                                                                                                        |

## Ryan Glaze

---

**From:** Ryan Glaze  
**Sent:** Thursday, August 14, 2025 9:35 AM  
**To:** Schmidt, Crystal (C)  
**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

Good morning Crystal,

Thank you for providing the updated Form OP-PBRSUP. I have received all application updates needed to continue my review of this permit. Please submit a final Form OP-CRO1 to certify the review period. Please document the time period for this certification from May 9, 2025 to August 13, 2025.

Please have this completed by **August 22, 2025** at the latest. Please let me know if you have any questions.

Thanks,

**Ryan Glaze**

Operating Permits Section  
Air Permits Division  
Texas Commission on Environmental Quality  
P.O. Box 13087 MC 163  
Austin, TX, 78711  
(512) 239-6212



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**From:** Schmidt, Crystal (C) <cschmidt6@dow.com>  
**Sent:** Wednesday, August 13, 2025 2:27 PM  
**To:** Ryan Glaze <James.Glaze@tceq.texas.gov>  
**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

Ryan,

Please see our attached response and let me know if you have any questions. Thanks!

*Crystal Schmidt*

Crystal Schmidt  
Air Permit Manager  
The Dow Chemical Company



General Business

**From:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>

**Sent:** Thursday, July 31, 2025 2:16 PM

**To:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

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Good afternoon Crystal,

After further review, I have found several deficiencies with the updated OP-PBR SUP received May 12, 2025 that will need to be resolved.

- Unit ID HR-601 is documented in our database and the TV Permit with non-applicability for MACT Q on Forms OP-UA13 and OP-REQ2 and has the preconstruction authorization PBR 106.371/09/04/2000 however, it is not listed on Form OP-PBR SUP. Please include this unit on Tables B and D.
- Unit ID CT B-3 is documented in our database and the TV Permit with non-applicability for MACT Q on Forms OP-UA13 and OP-REQ2 and has the preconstruction authorization PBR 106.371/09/04/2000. Is Unit ID CT-B-3 the same unit as Unit ID CT-3 provided on Form OP-PBR SUP. Please confirm if these units are the same, and if so, please provide the necessary updates on Form OP-PBR SUP or Form OP-SUMR to ensure they have the same Unit ID.
- Unit ID 38284 has PBR 106.472/09/04/2000 documented as the preconstruction authorization on the Form OP-SUMR that was initially received on February 3, 2025. However, on the updated Form OP-SUMR received on June 20, 2025 it is documented that this has the preconstruction authorizations NSR 751 and PSDTX987. Please confirm which preconstruction authorizations Unit ID 38284 should have documented on Form OP-SUMR . If the updated OP-SUMR received on June 20, 2025 is correct please remove Unit ID 38284 from the updated Form OP-PBR SUP.
- Unit IDs B-3-34287, B-3-18, B-3-19, B-3-20, B-3-36, B-3-39, B-3-60-1, B-3-60-2, B-3-61, and B-4-5 are all documented with PBRs 106.261/11/01/2003 and 106.262/11/01/2003 as preconstruction authorizations on Form OP-SUMR. These should be documented on Form OP-PBR SUP Tables B & D.

Please provide an updated Form OP-PBR SUP and any other necessary forms to correct the deficiencies listed above by **August 15, 2025**. Please let me know if you have any questions.

Thanks,

***Ryan Glaze***

Operating Permits Section  
Air Permits Division  
Texas Commission on Environmental Quality  
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(512) 239-6212



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---

**From:** Ryan Glaze

**Sent:** Thursday, July 3, 2025 11:42 AM

**To:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

Good afternoon Crystal,

No problem thank you for the clarification. I have made the final change to the permit that was requested. I will go ahead and close WDP review period.

If you could please hold off from submitting the final OP-CRO1 next week. I still need to complete final review of this permit. When I get ready to send this permit to my team leader for final review, I will request the final OP-CRO1 to be submitted with the start and end dates needed.

Thank you for always being responsive and prepared to move forward. Please let me know if you have any questions about the permit or the timeframe that I have set.

Thanks,

***Ryan Glaze***

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Air Permits Division  
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---

**From:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Sent:** Thursday, July 3, 2025 11:27 AM

**To:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

Ryan,

I apologize for that. I struck through the wrong version date. I just have one minor comment on the permit face. After that is corrected, I approve of the draft. I will work on getting you a signed Form OP-CRO1 next week. Thanks!

*Crystal Schmidt*

Crystal Schmidt  
Air Permit Manager  
The Dow Chemical Company  
332 SH 332 E  
cell phone: 409.392.5054  
phone: 979.238.1742 | email: [cschmidt6@dow.com](mailto:cschmidt6@dow.com)



General Business

---

**From:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>  
**Sent:** Wednesday, July 2, 2025 2:45 PM  
**To:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>  
**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

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Good afternoon Crystal,

I have completed the updated changes to the Working Draft Permit (WDP). If there are no other changes or comments that need to be made, I will end Working Draft Permit review period.

**Note:** the changes on the OP-REQ1 to NSR Authorization No. 1257A needs to have its most recent revision date of 01/31/2025. On the updated OP-REQ1 provided the authorization date was 04/20/2021 which was approved at the last renewal.

During this renewal, TCEQ will need to use the most recent approved one which is 01/31/2025. Please submit an updated OP-REQ1 page 89 for NSR Authorization No. 1257A with the issuance date of 01/31/2025.

If you could please look over the changes and have the updated OP-REQ1 page 89 sent back to me by **Wednesday July 9, 2025** that would be great.

Please let me know if you have any questions about the changes made or the updated OP-REQ1 requested.

Thanks,

***Ryan Glaze***

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Air Permits Division  
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**From:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Sent:** Wednesday, July 2, 2025 1:48 PM

**To:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

Ryan,

Please see our attached response and let me know if you have any questions. Thanks!

***Crystal Schmidt***

Crystal Schmidt  
Air Permit Manager  
The Dow Chemical Company  
332 SH 332 E  
cell phone: 409.392.5054  
phone: 979.238.1742 | email: [cschmidt6@dow.com](mailto:cschmidt6@dow.com)



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General Business

---

**From:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>

**Sent:** Tuesday, June 24, 2025 3:25 PM

**To:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

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Good afternoon Crystal,

I have made the changes to the comments on the Working Draft Permit (WDP) sent on June 20. Please note that some of the changes made were already completed in the updated WDP that was sent on June 16, 2025. However, for consistency I will have them mention below. The new changes to the WDP are as follows.

- ST&C for 40 CFR Part 82, Subpart F have been included (Should now be ST&C No. 24)
- Units 34701 & 34714 have been removed from the permit.
- B-3-1 & HR-8 were included in the updated WDP sent on June 16, 2025, the changes have been reviewed and carried over.
- B-3-40 were included in the updated WDP sent on June 16, 2025, the changes have been reviewed and carried over.
- Compliance Assurance Monitoring (CAM) was included for Unit HR-8 in the WDP sent June 16, 2025, the CAM requirements have been carried forward over.
- PSDTX987 & NSR 751 have been updated to the new issuance date of 06/06/2024
- Duplicated PBR 106.261 with version No./Date "11/01/2203" has been removed.
- PBR 106.454 has been updated with the new Version No./Date of "09/04/2000"
- Unit B-3-DEGR New Source Review Authorization has changed from 1257A to PBR 106.454.
- Unit CT B-3 has now included PBR 106.371 to its list of authorizations.
- Unit HTRES-FUG has now included the Registration No. 164537 for PBRs 106.261 & 106.262.
- Units: PRO\_B3/B4MMA & PRO\_B3MAA/GMAA now have PBR 106.263 included to its list of authorizations.
- Units 35244, 35284, 36244, 36284, 38244, and 38284 now have the additional permit shields requested.
- Group GRP-MAAFUG no longer has [G] 63.165 applicability under 40 CFR Part 63, Subpart H. All the citations for this component type are now included to 40 CFR Part 63, Subpart FFFF that was requested in the renewal application sent on February 5, 2025. This excludes [G]63.165 as mentioned in the NOD response sent on June 20, 2025.

There are two changes requested that will need updated forms too. I have already made the changes within the permit.

- A new OP-REQ1 page 88 for NSR 1257A with the new issuance date of "01/31/2025" since the renewal application sent on February 5, 2025 mentions the "11/23/2023" issuance.
- A new OP-SUMR for Units PRO-HR-1, PRO-HR-2, and PRO-HR-3 to include PBR 106.263 to the list of authorizations since the renewal application sent on February 5, 2025 doesn't list this PBR as an authorization for these units.

If you could please provide a response if any other changes are needed by **July 3, 2025** along with sending the updated forms requested that would be great.

Please let me know if you have any questions about the changes that are requested.

***Ryan Glaze***

Operating Permits Section

Air Permits Division

Texas Commission on Environmental Quality

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---

**From:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Sent:** Friday, June 20, 2025 10:04 AM

**To:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

Ryan,

Please see our attached response and let me know if you have any questions. Thanks!

*Crystal Schmidt*

Crystal Schmidt  
Air Permit Manager  
The Dow Chemical Company  
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cell phone: 409.392.5054  
phone: 979.238.1742 | email: [cschmidt6@dow.com](mailto:cschmidt6@dow.com)



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General Business

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**From:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>

**Sent:** Monday, June 16, 2025 9:33 AM

**To:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

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Good morning Crystal,

I have attached the updated the updated Working Draft Permit (WDP) for this facility with the changes requested. Below is a list of changes that have been made from the previous WDP to this new one.

Inclusion of unit HR-8 along with CAM requirements for this unit.

Inclusion of missing unit PRO\_B3MAA/GMAA to this permit.

If you could please provide a response by **June 27, 2025** if any other changes need to be made that would be great. Please let me know if you have any questions about the changes made or if more time is needed to review the WDP.

Thanks,

***Ryan Glaze***

Operating Permits Section  
Air Permits Division  
Texas Commission on Environmental Quality  
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General Business

---

**From:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Sent:** Friday, June 6, 2025 11:54 AM

**To:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

Ryan,

Please see our attached response to the NOD items and let me know if you have any questions. Thanks and have a great weekend!

***Crystal Schmidt***

Crystal Schmidt  
Air Permit Manager  
The Dow Chemical Company  
332 SH 332 E  
cell phone: 409.392.5054  
phone: 979.238.1742 | email: [cschmidt6@dow.com](mailto:cschmidt6@dow.com)



**Seek Together™**

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General Business

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**From:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>

**Sent:** Friday, May 30, 2025 11:25 AM

**To:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

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

Good morning Crystal,

I have attached the Working Draft Permit (WDP) for Permit No. O1583. Please determine if any changes or modifications need to be made to the contents of the permit. If no changes or modifications need to take place, please provide a response by the date below.

During the creation of the WDP a few deficiencies were found.

Unit HR-8 (OP-UA15)

Based on the OP UA15, Table 13e that was provided for Unit ID HR-8, additional information is required on Table 13g and 13f. Please follow the OP-UA15 form instructions and submit a completed OP-UA15.

Please provide the information requested above by **June 13, 2025**. Once I have received the updated OP-UA15, I will send you the updated WDP with this unit included.

Please let me know if any changes or modifications will need to be made to the WDP by **June 27, 2025**.

Please let me know if you have any questions about the updates requested or the Working Draft Permit.

Thanks,

***Ryan Glaze***

Operating Permits Section

Air Permits Division

Texas Commission on Environmental Quality

P.O. Box 13087 MC 163

Austin, TX, 78711

(512) 239-6212



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General Business

---

**From:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>

**Sent:** Monday, May 12, 2025 1:36 PM

**To:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>

**Cc:** Rhyan Stone <[Rhyan.Stone@tceq.texas.gov](mailto:Rhyan.Stone@tceq.texas.gov)>; Ulises Luna <[Ulises.Luna@tceq.texas.gov](mailto:Ulises.Luna@tceq.texas.gov)>

**Subject:** RE: FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

Ryan,

Please see our attached response and let me know if you have any questions. Thanks!

# Crystal Schmidt

Crystal Schmidt  
Air Permit Manager  
The Dow Chemical Company  
332 SH 332 E  
cell phone: 409.392.5054  
phone: 979.238.1742 | email: [cschmidt6@dow.com](mailto:cschmidt6@dow.com)



## General Business

**From:** Ryan Glaze <[James.Glaze@tceq.texas.gov](mailto:James.Glaze@tceq.texas.gov)>  
**Sent:** Friday, May 9, 2025 11:48 AM  
**To:** Schmidt, Crystal (C) <[cschmidt6@dow.com](mailto:cschmidt6@dow.com)>  
**Cc:** Rhyan Stone <[Rhyan.Stone@tceq.texas.gov](mailto:Rhyan.Stone@tceq.texas.gov)>; Ulises Luna <[Ulises.Luna@tceq.texas.gov](mailto:Ulises.Luna@tceq.texas.gov)>  
**Subject:** FOP O1583/Project 37643, Rohm and Haas Texas Incorporated/Rohm and Haas Texas Deer Park Plant

You don't often get email from [james.glaze@tceq.texas.gov](mailto:james.glaze@tceq.texas.gov). [Learn why this is important](#)

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

Greetings Crystal,

I have completed my initial review of the SOP-renewal application for FOP O1583 Rohm and Haas Texas Incorporated and have identified the following items that require additional information and/or documentation:

### OP-UA15

On Table 13e 40 CFR Part 63, Subpart FFFF, the table is duplicated to be table 13d. Please look over Table 13e and fill it out for unit HR-8. Additionally, unit B-3-1 does not need to be showcased on table 13e. Since the emission standard for unit B-3-1 is BLWFLR it doesn't need to continue with additional information. Table 13e only needs to be filled out for units who has emissions standards of CD98 or CDPMV.

Please remove unit B-3-1 and update the information for HR-8 for the Table 13e on the OP-UA15.

### OP-PBRSUP

According to TCEQ records the facility have PBR registrations that are active at the facility that are missing from the OP-PBRSUP. All active registrations at the facility need to be listed on the OP-PBRSUP Tables A & D.

Additionally, some of those active PBR registrations have PBRs that are not listed on the OP-REQ1 page 89 PBR section. If PBRs that were not initially put on the OP-REQ1 page 89 they will also need to be documented on that form (Note: if all the active PBRs at the facility are already listed, then this doesn't need to be updated).

Also on Table A, unit B-3-55-1 is listed twice for registration 145125 please remove the duplicate Unit ID number.

Once all changes to the OP-PBRSUP have been made please send an updated OP-PBRSUP.

If you could please have the updated OP-UA15 sent to me by **May 23, 2025** that would be great.

If you could please have the updated OP-PBRSUP sent to me by **May 30, 2025** that would be great.

Once I receive the updated OP-UA15 I will send the Working Draft Permit (WDP) for you to review. Please note that all the PBR registrations may not show up on the WDP. Once I receive the updated OP-PBRSUP I will add any additional PBR registrations to the WDP and send it back for further review.

Please let me know if you have any questions about the updates for the OP-UA15 or the OP-PBRSUP.

Thanks,

***Ryan Glaze***

Operating Permits Section

Air Permits Division

Texas Commission on Environmental Quality

P.O. Box 13087 MC 163

Austin, TX, 78711

(512) 239-6212



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## Texas Commission on Environmental Quality

Title V Existing

1583

### Site Information (Regulated Entity)

|                                                       |                                                |
|-------------------------------------------------------|------------------------------------------------|
| What is the name of the permit area to be authorized? | B-3/HR PROCESS AREA                            |
| Does the site have a physical address?                | Yes                                            |
| Physical Address                                      |                                                |
| Number and Street                                     | 1900 TIDAL RD                                  |
| City                                                  | DEER PARK                                      |
| State                                                 | TX                                             |
| ZIP                                                   | 77536                                          |
| County                                                | HARRIS                                         |
| Latitude (N) (##.#####)                               | 29.726388                                      |
| Longitude (W) (-###.#####)                            | 95.102777                                      |
| Primary SIC Code                                      | 2869                                           |
| Secondary SIC Code                                    |                                                |
| Primary NAICS Code                                    | 325199                                         |
| Secondary NAICS Code                                  |                                                |
| Regulated Entity Site Information                     |                                                |
| What is the Regulated Entity's Number (RN)?           | RN100223205                                    |
| What is the name of the Regulated Entity (RE)?        | ROHM AND HAAS TEXAS DEER PARK PLANT            |
| Does the RE site have a physical address?             | Yes                                            |
| Physical Address                                      |                                                |
| Number and Street                                     | 1900 TIDAL RD                                  |
| City                                                  | DEER PARK                                      |
| State                                                 | TX                                             |
| ZIP                                                   | 77536                                          |
| County                                                | HARRIS                                         |
| Latitude (N) (##.#####)                               | 29.688055                                      |
| Longitude (W) (-###.#####)                            | -95.103611                                     |
| Facility NAICS Code                                   |                                                |
| What is the primary business of this entity?          | Production of acrylic and methacrylic monomers |

### Customer (Applicant) Information

|                                                  |                                  |
|--------------------------------------------------|----------------------------------|
| How is this applicant associated with this site? | Owner Operator                   |
| What is the applicant's Customer Number (CN)?    | CN605605831                      |
| Type of Customer                                 | Corporation                      |
| Full legal name of the applicant:                |                                  |
| Legal Name                                       | Rohm and Haas Texas Incorporated |
| Texas SOS Filing Number                          | 803181772                        |
| Federal Tax ID                                   | 741703761                        |
| State Franchise Tax ID                           | 17417037615                      |

|                                   |          |
|-----------------------------------|----------|
| State Sales Tax ID                |          |
| Local Tax ID                      |          |
| DUNS Number                       | 65096273 |
| Number of Employees               | 501+     |
| Independently Owned and Operated? | Yes      |

## Responsible Official Contact

Person TCEQ should contact for questions about this application:

|                                                              |                          |
|--------------------------------------------------------------|--------------------------|
| Organization Name                                            | THE DOW CHEMICAL COMPANY |
| Prefix                                                       | MS                       |
| First                                                        | JOANNE                   |
| Middle                                                       |                          |
| Last                                                         | SEKELLA                  |
| Suffix                                                       |                          |
| Credentials                                                  |                          |
| Title                                                        | VICE PRESIDENT           |
| Enter new address or copy one from list:                     |                          |
| Mailing Address                                              |                          |
| Address Type                                                 | Domestic                 |
| Mailing Address (include Suite or Bldg. here, if applicable) | PO BOX 1000              |
| Routing (such as Mail Code, Dept., or Attn:)                 |                          |
| City                                                         | DEER PARK                |
| State                                                        | TX                       |
| ZIP                                                          | 77536                    |
| Phone (###-###-####)                                         | 6102447765               |
| Extension                                                    |                          |
| Alternate Phone (###-###-####)                               |                          |
| Fax (###-###-####)                                           |                          |
| E-mail                                                       | fhubehs@dow.com          |

## Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

|                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| Organization Name                       | FRAN FALCON(THE DOW CHEMICA... )          |
| Prefix                                  | THE DOW CHEMICAL COMPANY                  |
| First                                   | MS                                        |
| Middle                                  | FRAN                                      |
| Last                                    | FALCON                                    |
| Suffix                                  |                                           |
| Credentials                             |                                           |
| Title                                   | EH&S REGIONAL LEVERAGED DELIVERY DIRECTOR |
| Enter new address or copy one from list |                                           |
| Mailing Address                         |                                           |
| Address Type                            | Domestic                                  |

Mailing Address (include Suite or Bldg. here, if applicable)  
Routing (such as Mail Code, Dept., or Attn:)  
City  
State  
Zip  
Phone (###-###-####)  
Extension  
Alternate Phone (###-###-####)  
Fax (###-###-####)  
E-mail

332 HIGHWAY 332 E  
LJ APB 2A145B  
LAKE JACKSON  
TX  
77566  
9792389764  
  
9792358116  
FHUBEHS@DOW.COM

## Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

CRYSTAL SCHMIDT(THE DOW CHEMICA... )

Organization Name

THE DOW CHEMICAL COMPANY

Prefix

MRS

First

CRYSTAL

Middle

Last

SCHMIDT

Suffix

Credentials

Title

AIR PERMIT MANAGER

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

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

332 HIGHWAY 332 E

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

City

LAKE JACKSON

State

TX

ZIP

77566

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

9792381742

Extension

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

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

E-mail

cschmidt6@dow.com

## Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

29 Deg 43 Min 35 Sec

3) Permit Longitude Coordinate:

95 Deg 6 Min 10 Sec

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

Update

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

1583-37643

5) Who will electronically sign this Title V application?

Duly Authorized Representative

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

No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name

<a href=/ePermitsExternal/faces/file?fileId=275784>2025-08-14\_OP-CRO1\_O1583.pdf</a>

Hash

50CC7C3ABFCD488028EC5C19288DA058A309A939A839CA50951C287A3748ACDA

MIME-Type

application/pdf

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

Certification

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

- 1. I am Fran Q Falcon, the owner of the STEERS account ER028176.
- 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 1583.
- 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: Fran Q Falcon OWNER OPERATOR

|                                      |                                                                   |
|--------------------------------------|-------------------------------------------------------------------|
| Account Number:                      | ER028176                                                          |
| Signature IP Address:                | 165.225.32.246                                                    |
| Signature Date:                      | 2025-08-14                                                        |
| Signature Hash:                      | 47028DDAF3697FA5C70F77C16A06E50F53CC1EEEEAEF487D89AB53CE34D67B713 |
| Form Hash Code at time of Signature: | E0862007963DC5105851559308C75CA29AA444F5DDCC16E58D86DA85356E2724  |

Submission

|                      |                                                              |
|----------------------|--------------------------------------------------------------|
| Reference Number:    | The application reference number is 809188                   |
| Submitted by:        | The application was submitted by ER028176/Fran Q Falcon      |
| Submitted Timestamp: | The application was submitted on 2025-08-14 at 13:50:58 CDT  |
| Submitted From:      | The application was submitted from IP address 165.225.32.246 |
| Confirmation Number: | The confirmation number is 671385                            |
| Steers Version:      | The STEERS version is 6.92                                   |
| Permit Number:       | The permit number is 1583                                    |

Additional Information

Application Creator: This account was created by Crystal Schmidt



August 13, 2025

**E-MAIL RESPONSE**

Texas Commission on Environmental Quality  
ATTN: Mr. Ryan Glaze  
Air Permits Division, MC-163  
P.O. Box 13087  
Austin, TX 78711-3087

**Rohm and Haas Texas Incorporated, CN605605831**  
**B-3/HR Process Area, RN100223205**  
**Title V Operating Permit NOD Response for B-3/HR Process Area, O1583**  
**TCEQ Project Number: 37643**

Dear Mr. Glaze,

Rohm and Haas Texas Incorporated (Rohm & Haas) is providing a response to the Notice of Deficiency (NOD) provided on July 31, 2025.

Please do not hesitate to contact me at (979) 238-1742 or [cschmidt6@dow.com](mailto:cschmidt6@dow.com) if you require additional information regarding this submittal.

Sincerely,

*Crystal Schmidt*

Crystal Schmidt  
Air Permit Manager

enclosure

cc:

US EPA Region 6  
TCEQ Air Section Manager, Region 12  
Harris County Pollution Control Services Department Director

R6AirPermitsTX@epa.gov  
R12apdmail@tceq.texas.gov  
Air\_Permits@pcs.hctx.net  
Latrice.babin@pcs.hctx.net

### Additional Information Request

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Item 1</b>          | Unit ID HR-601 is documented in our database and the TV Permit with non-applicability for MACT Q on Forms OP-UA13 and OP-REQ2 and has the preconstruction authorization PBR 106.371/09/04/2000 however, it is not listed on Form OP-PBRSUP. Please include this unit on Tables B and D.                                                                                                                                                                                                                                                                    |
| <b>Item 1 Response</b> | <b>Please see the attached Form OP-PBRSUP for more information.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Item 2</b>          | Unit ID CT B-3 is documented in our database and the TV Permit with non-applicability for MACT Q on Forms OP-UA13 and OP-REQ2 and has the preconstruction authorization PBR 106.371/09/04/2000. Is Unit ID CT-B-3 the same unit as Unit ID CT-3 provided on Form OP-PBRSUP. Please confirm if these units are the same, and if so, please provide the necessary updates on Form OP-PBRSUP or Form OP-SUMR to ensure they have the same Unit ID.                                                                                                            |
| <b>Item 2 Response</b> | <b>These are the same units. Please see the attached Form OP-PBRSUP for more information.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Item 3</b>          | Unit ID 38284 has PBR 106.472/09/04/2000 documented as the preconstruction authorization on the Form OP-SUMR that was initially received on February 3, 2025. However, on the updated Form OP-SUMR received on June 20, 2025, it is documented that this has the preconstruction authorizations NSR 751 and PSDTX987. Please confirm which preconstruction authorizations Unit ID 38284 should have documented on Form OP-SUMR . If the updated OP-SUMR received on June 20, 2025, is correct please remove Unit ID 38284 from the updated Form OP-PBRSUP. |
| <b>Item 3 Response</b> | <b>Please see the attached Form OP-SUMR for more information.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Item 4</b>          | Unit IDs B-3-34287, B-3-18, B-3-19, B-3-20, B-3-36, B-3-39, B-3-60-1, B-3-60-2, B-3-61, and B-4-5 are all documented with PBRs 106.261/11/01/2003 and 106.262/11/01/2003 as preconstruction authorizations on Form OP-SUMR. These should be documented on Form OP-PBRSUP Tables B & D.                                                                                                                                                                                                                                                                     |
| <b>Item 4 Response</b> | <b>Please see the attached Form OP-PBRSUP for more information.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

**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. |
|-----------------|------------|----------------------|
| August 13, 2025 | O1583      | RN100223205          |

| Unit/Process<br>AI | Unit/Process<br>Revision No. | Unit/Process ID No. | Unit/Process<br>Applicable<br>Form | Unit/Process Name/ Description   | Unit/Process<br>CAM | Preconstruction<br>Authorizations<br>30 TAC Chapter<br>116/ 30 TAC<br>Chapter 106 | Preconstruction<br>Authorizations Title I |
|--------------------|------------------------------|---------------------|------------------------------------|----------------------------------|---------------------|-----------------------------------------------------------------------------------|-------------------------------------------|
|                    |                              | 38284               | OP-REQ2                            | HR3-99% SULFURIC ACID PUMP<br>TK |                     | 106.472/09/04/2000<br>751                                                         | PSDTX987                                  |

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

| Date            | Permit Number | Regulated Entity Number |
|-----------------|---------------|-------------------------|
| August 13, 2025 | O1583         | RN100223205             |

| Unit ID No.                |                              | Registration No. | PBR No.            | Registration Date |
|----------------------------|------------------------------|------------------|--------------------|-------------------|
| B3CHILL                    |                              | 126178           | 106.373            | 02/27/2015        |
| B-3-55-1<br>B-3-55-2       |                              | 145125           | 106.261<br>106.262 | 03/15/2017        |
| B-3-47<br>B-3-48           |                              | 161251           | 106.261<br>106.262 | 05/13/2020        |
| B-3-1                      |                              | 162074           | 106.261<br>106.262 | 08/17/2020        |
| B-3-47<br>B-3-48<br>B-3-49 | B-3-50<br>B-4-9<br>HTRES-FUG | 164537           | 106.261<br>106.262 | 05/04/2021        |
| B-3-47<br>B-3-48<br>B-3-49 | B-3-50<br>B-4-9              | 168470           | 106.261<br>106.262 | 05/04/2022        |
| B-3-47<br>B-3-48           | B-3-49<br>B-4-50             | 171729           | 106.261<br>106.262 | 03/01/2023        |
| B-3-47<br>B-3-48           | B-3-49                       | 172167           | 106.261<br>106.262 | 04/13/2023        |
| B-3-47<br>B-3-48           | B-3-49                       | 175711           | 106.261<br>106.262 | 08/26/2024        |
| B-3-4                      |                              | 178426           | 106.261            | 12/06/2024        |
| HR-8<br>HR-FUG             |                              | 177771           | 106.261<br>106.262 | 10/31/2024        |

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

| Date            | Permit Number | Regulated Entity Number |
|-----------------|---------------|-------------------------|
| August 13, 2025 | O1583         | RN100223205             |

| Unit ID No.                                                                          | PBR No.                                                                                                      | Version No./Date  |
|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------|
| <del>CT-3</del><br><b>CT B-3</b><br><b>HR-601</b>                                    | 106.371                                                                                                      | 09/04/2000        |
| B-3-DEGR                                                                             | 106.454                                                                                                      | 09/04/2000        |
| B-3-47<br>HR-8<br>HR-1                                                               | 106.264                                                                                                      | 09/04/2000        |
| B3-SUB21<br>B3-SUB5                                                                  | 106.511                                                                                                      | 09/04/2000        |
| 38244                                                                                | 106.472                                                                                                      | 09/04/2000        |
| PRO-HR-1<br>PRO-HR-2<br>PRO-HR-3<br>PRO_B3/B4MMA<br>PRO_B3MAA/GMAA                   | 106.263                                                                                                      | 11/01/2001        |
| <b>B-3-34287</b><br><b>B-3-18</b><br><b>B-3-19</b><br><b>B-3-20</b><br><b>B-3-36</b> | <b>B-3-39</b><br><b>B-3-60-1</b><br><b>B-3-60-2</b><br><b>B-3-61</b><br><br><b>106.261</b><br><b>106.262</b> | <b>11/01/2003</b> |
| <b>B-4-5</b>                                                                         | <b>106.261</b><br><b>106.262</b>                                                                             | <b>11/01/2003</b> |

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

| Date            | Permit Number | Regulated Entity Number |
|-----------------|---------------|-------------------------|
| August 13, 2025 | O1583         | RN100223205             |

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

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

| Date            | Permit Number | Regulated Entity Number |
|-----------------|---------------|-------------------------|
| August 13, 2025 | O1583         | RN100223205             |

| Unit ID No.                |                              | PBR No.            | Version No./Date Or Registration No. | Monitoring Requirement                                                                                                                                                                            |
|----------------------------|------------------------------|--------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B3CHILL                    |                              | 106.373            | 126178                               | Maintain records of refrigerant type and usage.                                                                                                                                                   |
| B-3-55-1<br>B-3-55-2       |                              | 106.261<br>106.262 | 145125                               | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023). |
| B-3-47<br>B-3-48           |                              | 106.261<br>106.262 | 161251                               | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023). |
| B-3-1                      |                              | 106.261<br>106.262 | 162074                               | Flare will continue to meet the monitoring and recordkeeping requirements of NSR 1257A SC #7 for minimum net heating value and exit velocity.                                                     |
| B-3-47<br>B-3-48<br>B-3-49 | B-3-50<br>B-4-9<br>HTRES-FUG | 106.261<br>106.262 | 164537                               | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023). |
| B-3-47<br>B-3-48<br>B-3-49 | B-3-50<br>B-4-9              | 106.261<br>106.262 | 168470                               | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023). |
| B-3-47<br>B-3-48           | B-3-49<br>B-3-50             | 106.261<br>106.262 | 171729                               | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023). |
| B-3-47<br>B-3-48<br>B-3-49 |                              | 106.261<br>106.262 | 172167                               | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023). |
| B-3-47<br>B-3-48<br>B-3-49 |                              | 106.261<br>106.262 | 175711                               | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023). |

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

| Date            | Permit Number | Regulated Entity Number |
|-----------------|---------------|-------------------------|
| August 13, 2025 | O1583         | RN100223205             |

| Unit ID No.                                                                          | PBR No.                                                                                                      | Version No./Date Or Registration No. | Monitoring Requirement                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B-3-4                                                                                | 106.261<br>106.262                                                                                           | 178426                               | Maintain records of emissions to demonstrate compliance with 106.261(a)(2)-(3) and 106.262(a)(2)-(3) as required by NSR 1257A SC #15.E. (Issuance Date 11/14/2023).                                                                                  |
| HR-8<br>HR-FUG                                                                       | 106.261<br>106.262                                                                                           | 177771                               | Maintain records of emissions to demonstrate compliance with 106.261(a)(2)-(3) and 106.262(a)(2)-(3) as required by NSR 751 SC #16 (Issuance Date 06/04/2024).                                                                                       |
| <del>CT-3</del><br><b>CT B-3</b><br><b>HR-601</b>                                    | 106.371                                                                                                      | 09/04/2000                           | Maintain records to ensure cooling tower is not being used in direct contact with gaseous or liquid process streams containing carbon compounds, sulfur compounds, halogens or halogen compounds, cyanide compounds, inorganic acids, or acid gases. |
| B-3-DEGR                                                                             | 106.454                                                                                                      | 09/04/2000                           | Maintain records of solvent makeup.                                                                                                                                                                                                                  |
| B-3-47<br>HR-8<br>HR-1                                                               | 106.264                                                                                                      | 09/04/2000                           | Maintain records of throughput.                                                                                                                                                                                                                      |
| B3-SUB21<br>B3-SUB5                                                                  | 106.511                                                                                                      | 09/04/2000                           | Maintain records of operation.                                                                                                                                                                                                                       |
| 38244                                                                                | 106.472                                                                                                      | 09/04/2000                           | Maintain records of tank service and annual throughput.                                                                                                                                                                                              |
| PRO-HR-1<br>PRO-HR-2<br>PRO-HR-3<br>PRO_B3/B4MMA<br>PRO_B3MAA/GMAA                   | 106.263                                                                                                      | 11/01/2001                           | Track emissions on a rolling 12-month basis.                                                                                                                                                                                                         |
| <b>B-3-34287</b><br><b>B-3-18</b><br><b>B-3-19</b><br><b>B-3-20</b><br><b>B-3-36</b> | <b>B-3-39</b><br><b>B-3-60-1</b><br><b>B-3-60-2</b><br><b>B-3-61</b><br><br><b>106.261</b><br><b>106.262</b> | <b>11/01/2003</b>                    | <b>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023).</b>                                             |

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

| Date            | Permit Number | Regulated Entity Number |
|-----------------|---------------|-------------------------|
| August 13, 2025 | O1583         | RN100223205             |

| Unit ID No.  | PBR No.                    | Version No./Date Or<br>Registration No. | Monitoring Requirement                                                                                                                |
|--------------|----------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <i>B-4-5</i> | <i>106.261<br/>106.262</i> | <i>11/01/2003</i>                       | <i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program.</i> |



July 3, 2025

**E-MAIL RESPONSE**

Texas Commission on Environmental Quality  
ATTN: Mr. Ryan Glaze  
Air Permits Division, MC-163  
P.O. Box 13087  
Austin, TX 78711-3087

**Rohm and Haas Texas Incorporated, CN605605831**  
**B-3/HR Process Area, RN100223205**  
**Title V Operating Permit NOD Response for B-3/HR Process Area, O1583**  
**TCEQ Project Number: 37643**

Dear Mr. Glaze,

Rohm and Haas Texas Incorporated (Rohm & Haas) is providing a response to the Notice of Deficiency (NOD) and comments on the Working Draft Permit (WDP) provided on June 24, 2025. Rohm and Haas is also requesting two revisions with this submittal. Please see the Form OP-2 for more information.

Please do not hesitate to contact me at (979) 238-1742 or [cschmidt6@dow.com](mailto:cschmidt6@dow.com) if you require additional information regarding this submittal.

Sincerely,

*Crystal Schmidt*

Crystal Schmidt  
Air Permit Manager

enclosure

cc:

US EPA Region 6  
TCEQ Air Section Manager, Region 12  
Harris County Pollution Control Services Department Director

R6AirPermitsTX@epa.gov  
R12apdmail@tceq.texas.gov  
Air\_Permits@pcs.hctx.net  
Latrice.babin@pcs.hctx.net

### **Additional Information Request**

|                        |                                                                                                                                                                                                                                  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Item 1</b>          | A new OP-REQ1 page 88 for NSR 1257A with the new issuance date of “01/31/2025” since the renewal application sent on February 5, 2025, mentions the “11/23/2023” issuance.                                                       |
| <b>Item 1 Response</b> | <b>Please see the attached Form OP-REQ1 (Pages 88 and 89 only) for more information.</b>                                                                                                                                         |
| <b>Item 2</b>          | A new OP-SUMR for Units PRO-HR-1, PRO-HR-2, and PRO-HR-3 to include PBR 106.263 to the list of authorizations since the renewal application sent on February 5, 2025, doesn’t list this PBR as an authorization for these units. |
| <b>Item 2 Response</b> | <b>Please see the attached Form OP-SUMR for more information.</b>                                                                                                                                                                |

## **Working Draft Permit (WDP) Comments**

### **Permit Face**

1. Please update the Area Name from “B-3/hr Process Area” to “B-3/HR Process Area”.

**Federal Operating Permit Program**  
**Form OP-2 – Application for Permit Revision/Renewal**  
**Table 2**

|                                                       |
|-------------------------------------------------------|
| Date: <b>July 3, 2025</b>                             |
| Permit No.: <b>O1583</b>                              |
| Regulated Entity No.: <b>RN100223205</b>              |
| Company Name: <b>Rohm and Haas Texas Incorporated</b> |

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

| Revision No. | Revision Code | New Unit | Unit/Group | Process         | NSR<br>Authorization | Description of Change and Provisional Terms and Conditions                                                                                                          |
|--------------|---------------|----------|------------|-----------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |               |          | ID No.     | Applicable Form |                      |                                                                                                                                                                     |
| 1            | MS-C          | NO       | B-3-52     | OP-SUMR         | N/A                  | Please remove this unit form the entire Title V Permit; this unit has been demolished.                                                                              |
| 2            | MS-C          | NO       | CT B-3     | OP-SUMR         | N/A                  | Please remove 1257A from the list of authorizations for this unit; it is only authorized via PBR 106.371/09/04/2000.                                                |
| 3            | MC-C          | NO       | HR-601     | OP-SUMR         | N/A                  | Please remove 751 and PSDTX987 from the list of authorizations for this unit.<br><br>Please add PBR 106.371/09/04/2000 to the list of authorizations for this unit. |

**Federal Operating Permit Program**  
**Form OP-SUMR – Individual Unit Summary for Revisions**  
**Table 1**

| Date         | Permit No. | Regulated Entity No. |
|--------------|------------|----------------------|
| July 3, 2025 | O1583      | RN100223205          |

| Unit/<br>Process<br>AI | Unit/<br>Process<br>Revision<br>No. | Unit/Process ID No. | Unit/Process<br>Applicable<br>Form | Unit/Process Name/ Description         | Unit/<br>Process<br>CAM | Preconstruction Authorizations<br>30 TAC Chapter 116/ 30 TAC<br>Chapter 106 | Preconstruction<br>Authorizations Title I |
|------------------------|-------------------------------------|---------------------|------------------------------------|----------------------------------------|-------------------------|-----------------------------------------------------------------------------|-------------------------------------------|
| D                      | 1                                   | <del>B-3-52</del>   | <del>OP-REQ2</del>                 | <del>WASH WATER SURGE TANK 34276</del> |                         | 1257A                                                                       |                                           |
|                        | 2                                   | CT B-3              | OP-REQ2                            | B3 COOLING TOWER                       |                         | <del>1257A</del><br>106.371/09/04/2000                                      |                                           |
|                        | 3                                   | HR-601              | OP-REQ2                            | COOLING TOWER                          |                         | <del>751</del><br><del>PSDTX987</del><br>106.371/09/04/2000                 |                                           |
|                        |                                     | PRO-HR-1            | OP-UA43                            | HR-1 PROCESS                           |                         | 751<br>106.263/11/01/2001                                                   | PSDTX987                                  |
|                        |                                     | PRO-HR-2            | OP-UA43                            | HR-2 PROCESS                           |                         | 751<br>106.263/11/01/2001                                                   | PSDTX987                                  |
|                        |                                     | PRO-HR-3            | OP-UA43                            | HR-3 PROCESS                           |                         | 751<br>106.263/11/01/2001                                                   | PSDTX987                                  |
|                        |                                     | PRO_B3/B4MMA        | OP-UA60                            | B3/B4 MMA HON PROCESS                  |                         | 1257A<br>106.263/11/01/2001                                                 |                                           |
|                        |                                     | PRO_B3MAA/GMAA      | OP-UA60                            | B3 MAA/GMAA MON PROCESS                |                         | 1257A<br>106.263/11/01/2001                                                 |                                           |

**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. |
|--------------|------------|----------------------|
| July 3, 2025 | O1583      | RN100223205          |

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): |
|------------|-------------------------------------|--------------------------------------------------|------------|---------------|---------------|
| PSDTX987   | 06/06/2024<br><del>10/07/2020</del> | SO <sub>2</sub> , H <sub>2</sub> SO <sub>4</sub> |            |               |               |
|            |                                     |                                                  |            |               |               |
|            |                                     |                                                  |            |               |               |
|            |                                     |                                                  |            |               |               |

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

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

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

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

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

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

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

| Date         | Permit No. | Regulated Entity No. |
|--------------|------------|----------------------|
| July 3, 2025 | O1583      | RN100223205          |

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 |
|-------------------|--------------------------|-------------------|---------------|-------------------|---------------|
| 751               | 06/06/2024<br>10/07/2020 |                   |               |                   |               |
| 1257A             | 01/31/2025<br>04/20/2021 |                   |               |                   |               |
|                   |                          |                   |               |                   |               |
|                   |                          |                   |               |                   |               |

◆ **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       | 106.472 | 09/04/2000       |         |                  |
| 106.262 | 11/01/2003       | 106.511 | 09/04/2000       |         |                  |
| 106.263 | 11/01/2001       |         |                  |         |                  |
| 106.264 | 09/04/2000       |         |                  |         |                  |
| 106.371 | 09/04/2000       |         |                  |         |                  |
| 106.373 | 09/04/2000       |         |                  |         |                  |
| 106.454 | 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 |
|------------|---------------|------------|---------------|------------|---------------|
|            |               |            |               |            |               |
|            |               |            |               |            |               |
|            |               |            |               |            |               |



July 2, 2025

**E-MAIL RESPONSE**

Texas Commission on Environmental Quality  
ATTN: Mr. Ryan Glaze  
Air Permits Division, MC-163  
P.O. Box 13087  
Austin, TX 78711-3087

**Rohm and Haas Texas Incorporated, CN605605831**  
**B-3/HR Process Area, RN100223205**  
**Title V Operating Permit NOD Response for B-3/HR Process Area, O1583**  
**TCEQ Project Number: 37643**

Dear Mr. Glaze,

Rohm and Haas Texas Incorporated (Rohm & Haas) is providing a response to the Notice of Deficiency (NOD) and comments on the Working Draft Permit (WDP) provided on June 24, 2025. Rohm and Haas is also requesting two revisions with this submittal. Please see the Form OP-2 for more information.

Please do not hesitate to contact me at (979) 238-1742 or [cschmidt6@dow.com](mailto:cschmidt6@dow.com) if you require additional information regarding this submittal.

Sincerely,

*Crystal Schmidt*

Crystal Schmidt  
Air Permit Manager

enclosure

cc:  
US EPA Region 6  
TCEQ Air Section Manager, Region 12  
Harris County Pollution Control Services Department Director

R6AirPermitsTX@epa.gov  
R12apdmail@tceq.texas.gov  
Air\_Permits@pcs.hctx.net  
Latrice.babin@pcs.hctx.net

### **Additional Information Request**

|                        |                                                                                                                                                                                                                                  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Item 1</b>          | A new OP-REQ1 page 88 for NSR 1257A with the new issuance date of “01/31/2025” since the renewal application sent on February 5, 2025, mentions the “11/23/2023” issuance.                                                       |
| <b>Item 1 Response</b> | <b>Please see the attached Form OP-REQ1 (Pages 88 and 89 only) for more information.</b>                                                                                                                                         |
| <b>Item 2</b>          | A new OP-SUMR for Units PRO-HR-1, PRO-HR-2, and PRO-HR-3 to include PBR 106.263 to the list of authorizations since the renewal application sent on February 5, 2025, doesn’t list this PBR as an authorization for these units. |
| <b>Item 2 Response</b> | <b>Please see the attached Form OP-SUMR for more information.</b>                                                                                                                                                                |

### **Working Draft Permit (WDP) Comments**

Rohm and Haas has no further comments on the O1583 Working Draft Permit.

**Federal Operating Permit Program**  
**Form OP-2 – Application for Permit Revision/Renewal**  
**Table 2**

|                                                       |
|-------------------------------------------------------|
| Date: <b>July 2, 2025</b>                             |
| Permit No.: <b>O1583</b>                              |
| Regulated Entity No.: <b>RN100223205</b>              |
| Company Name: <b>Rohm and Haas Texas Incorporated</b> |

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

| Revision No. | Revision Code | New Unit | Unit/Group | Process         | NSR<br>Authorization | Description of Change and Provisional Terms and Conditions                                                                                                          |
|--------------|---------------|----------|------------|-----------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |               |          | ID No.     | Applicable Form |                      |                                                                                                                                                                     |
| 1            | MS-C          | NO       | B-3-52     | OP-SUMR         | N/A                  | Please remove this unit form the entire Title V Permit; this unit has been demolished.                                                                              |
| 2            | MS-C          | NO       | CT B-3     | OP-SUMR         | N/A                  | Please remove 1257A from the list of authorizations for this unit; it is only authorized via PBR 106.371/09/04/2000.                                                |
| 3            | MC-C          | NO       | HR-601     | OP-SUMR         | N/A                  | Please remove 751 and PSDTX987 from the list of authorizations for this unit.<br><br>Please add PBR 106.371/09/04/2000 to the list of authorizations for this unit. |

**Federal Operating Permit Program**  
**Form OP-SUMR – Individual Unit Summary for Revisions**  
**Table 1**

| Date         | Permit No. | Regulated Entity No. |
|--------------|------------|----------------------|
| July 2, 2025 | O1583      | RN100223205          |

| Unit/<br>Process<br>AI | Unit/<br>Process<br>Revision<br>No. | Unit/Process ID No. | Unit/Process<br>Applicable<br>Form | Unit/Process Name/ Description         | Unit/<br>Process<br>CAM | Preconstruction Authorizations<br>30 TAC Chapter 116/ 30 TAC<br>Chapter 106 | Preconstruction<br>Authorizations Title I |
|------------------------|-------------------------------------|---------------------|------------------------------------|----------------------------------------|-------------------------|-----------------------------------------------------------------------------|-------------------------------------------|
| D                      | 1                                   | <del>B-3-52</del>   | <del>OP-REQ2</del>                 | <del>WASH WATER SURGE TANK 34276</del> |                         | 1257A                                                                       |                                           |
|                        | 2                                   | CT B-3              | OP-REQ2                            | B3 COOLING TOWER                       |                         | <del>1257A</del><br>106.371/09/04/2000                                      |                                           |
|                        | 3                                   | HR-601              | OP-REQ2                            | COOLING TOWER                          |                         | <del>751</del><br><del>PSDTX987</del><br>106.371/09/04/2000                 |                                           |
|                        |                                     | PRO-HR-1            | OP-UA43                            | HR-1 PROCESS                           |                         | 751<br>106.263/11/01/2001                                                   | PSDTX987                                  |
|                        |                                     | PRO-HR-2            | OP-UA43                            | HR-2 PROCESS                           |                         | 751<br>106.263/11/01/2001                                                   | PSDTX987                                  |
|                        |                                     | PRO-HR-3            | OP-UA43                            | HR-3 PROCESS                           |                         | 751<br>106.263/11/01/2001                                                   | PSDTX987                                  |
|                        |                                     | PRO_B3/B4MMA        | OP-UA60                            | B3/B4 MMA HON PROCESS                  |                         | 1257A<br>106.263/11/01/2001                                                 |                                           |
|                        |                                     | PRO_B3MAA/GMAA      | OP-UA60                            | B3 MAA/GMAA MON PROCESS                |                         | 1257A<br>106.263/11/01/2001                                                 |                                           |

**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. |
|--------------|------------|----------------------|
| July 2, 2025 | O1583      | RN100223205          |

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): |
|------------|-------------------------------------|--------------------------------------------------|------------|---------------|---------------|
| PSDTX987   | 06/06/2024<br><del>10/07/2020</del> | SO <sub>2</sub> , H <sub>2</sub> SO <sub>4</sub> |            |               |               |
|            |                                     |                                                  |            |               |               |
|            |                                     |                                                  |            |               |               |
|            |                                     |                                                  |            |               |               |

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

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

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

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

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

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

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

| Date         | Permit No. | Regulated Entity No. |
|--------------|------------|----------------------|
| July 2, 2025 | O1583      | RN100223205          |

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 |
|-------------------|--------------------------|-------------------|---------------|-------------------|---------------|
| 751               | 06/06/2024<br>10/07/2020 |                   |               |                   |               |
| 1257A             | 01/31/2025<br>04/20/2021 |                   |               |                   |               |
|                   |                          |                   |               |                   |               |
|                   |                          |                   |               |                   |               |

◆ **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       | 106.472 | 09/04/2000       |         |                  |
| 106.262 | 11/01/2003       | 106.511 | 09/04/2000       |         |                  |
| 106.263 | 11/01/2001       |         |                  |         |                  |
| 106.264 | 09/04/2000       |         |                  |         |                  |
| 106.371 | 09/04/2000       |         |                  |         |                  |
| 106.373 | 09/04/2000       |         |                  |         |                  |
| 106.454 | 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 |
|------------|---------------|------------|---------------|------------|---------------|
|            |               |            |               |            |               |
|            |               |            |               |            |               |
|            |               |            |               |            |               |



June 20, 2025

**E-MAIL RESPONSE**

Texas Commission on Environmental Quality  
ATTN: Mr. Ryan Glaze  
Air Permits Division, MC-163  
P.O. Box 13087  
Austin, TX 78711-3087

**Rohm and Haas Texas Incorporated, CN605605831**  
**B-3/HR Process Area, RN100223205**  
**Title V Operating Permit WDP Response for B-3/HR Process Area, O1583**  
**TCEQ Project Number: 37643**

Dear Mr. Glaze,

Rohm and Haas Texas Incorporated (Rohm & Haas) is providing comments on the Working Draft Permit provided on May 30, 2025. Dow is also requesting several revisions with this submittal. Please see Form OP-2 for more information.

Please do not hesitate to contact me at (979) 238-1742 or [cschmidt6@dow.com](mailto:cschmidt6@dow.com) if you require additional information regarding this submittal.

Sincerely,

*Crystal Schmidt*

Crystal Schmidt  
Air Permit Manager

enclosure

cc:

US EPA Region 6  
TCEQ Air Section Manager, Region 12  
Harris County Pollution Control Services Department Director

R6AirPermitsTX@epa.gov  
R12apdmail@tceq.texas.gov  
Air\_Permits@pcs.hctx.net  
Latrice.babin@pcs.hctx.net

## **Working Draft Permit (WDP) Comments**

### **Special Terms & Conditions (ST&C)**

1. Please add a ST&C for 40 CFR Part 82, Subpart F. Question X.F.1 on Form OP-REQ1 was changed from “NO” to “YES” in the renewal application received by TCEQ on February 3, 2025.

### **Unit Summary**

1. 34701; 34714: Please remove these units as requested in Revision #15 in the renewal application received by TCEQ on February 3, 2025.
2. B-3-1; HR-8: Please add 30 TAC Chapter 115, Vent Gas Control; 40 CFR Part 63, Subpart G; and 40 CFR Part 63, Subpart FFFF applicability to these units as requested in Revision #14 in the renewal application received by TCEQ on February 3, 2025.
3. B-3-40: Please add 30 TAC Chapter 115, Vent Gas Control and 40 CFR Part 63, Subpart FFFF applicability to this unit as requested in Revision #12 in the renewal application received by TCEQ on February 3, 2025.

### **Applicable Requirements Summary (ARS)**

1. 34701; 34714: Please remove these units as requested in Revision #15 in the renewal application received by TCEQ on February 3, 2025.
2. B-3-1; HR-8: Please add 30 TAC Chapter 115, Vent Gas Control; 40 CFR Part 63, Subpart G; and 40 CFR Part 63, Subpart FFFF applicability to these units as requested in Revision #14 in the renewal application received by TCEQ on February 3, 2025.
3. B-3-40: Please add 30 TAC Chapter 115, Vent Gas Control and 40 CFR Part 63, Subpart FFFF applicability to this unit as requested in Revision #12 in the renewal application received by TCEQ on February 3, 2025.

### **Additional Monitoring Requirements**

1. HR-8: Please add Compliance Assurance Monitoring (CAM) as requested in Revision #14 in the renewal application received by TCEQ on February 3, 2025.

### **New Source Review Authorization References**

1. PSDTX987; NSR 751: Please update the Issuance Date to “06/06/2024”.
2. NSR 1257A: Please update the Issuance Date to “01/31/2025”.
3. PBR 106.261: Please remove the second row for this PBR that lists the Version No./Date as “11/01/2203”.
4. PBR 106.454: Please update the Version No./Date to “09/04/2000”.

### **New Source Review Authorization References by Emission Unit**

1. 34701; 34714: Please remove these units as requested in Revision #15 in the renewal application received by TCEQ on February 3, 2025.
2. B-3-DEGR: Please update the New Source Review Authorization for this degreaser from “1257A” to “106.454/09/04/2000”.
3. CT B-3: Please add PBR 106.371/09/04/2000 to the list of authorizations for this unit.
4. HTRES-FUG: Please add the Registration No. “164537” to PBRs 106.261 and 106.262.
5. PRO-HR-1; PRO-HR-2; PRO-HR-3; PRO\_B3/B4MMA; PRO\_B3MAA/GMAA: Please add PBR 106.263/11/01/2001 to the list of authorizations for these units.

**Federal Operating Permit Program**  
**Form OP-2 – Application for Permit Revision/Renewal**  
**Table 2**

|                                                       |
|-------------------------------------------------------|
| Date: <b>June 20, 2025</b>                            |
| Permit No.: <b>O1583</b>                              |
| Regulated Entity No.: <b>RN100223205</b>              |
| Company Name: <b>Rohm and Haas Texas Incorporated</b> |

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

| Revision No. | Revision Code | New Unit | Unit/Group              | Process         | NSR<br>Authorization | Description of Change and Provisional Terms and Conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------|---------------|----------|-------------------------|-----------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |               |          | ID No.                  | Applicable Form |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 1            | MS-C          | NO       | GRP-MAAFUG              | OP-REQ3         | N/A                  | <p>Please remove [G]63.165 in the 40 CFR Part 63, Subpart H citations for pressure relief devices in gas/vapor service. This citation was no longer applicable after August 12, 2023 [per 63.2480(e)], and the fugitive ID will be complying with 40 CFR Part 63, Subpart FFFF.</p> <p>This request has been completed in the minor revision for Title V Permit O2221 (Project #34826) and the renewal for Title V Permit O2235 (Project #35387) by removing the entire row for pressure relief devices in gas/vapor service. All of the citations for this component type are then added to the 40 CFR Part 63, Subpart FFFF citations, except [G]63.165. Please see Form OP-REQ3 for more details.</p> |
| 2            | SIG-E         | NO       | 35244<br>36244<br>38244 | OP-REQ2         | N/A                  | Please add 40 CFR Part 60, Subpart Kb negative applicability to these units.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 3            | SIG-E         | NO       | 35284<br>36284<br>38284 | OP-REQ2         | N/A                  | Please add 30 TAC Chapter 115, Storage of VOCs negative applicability to these units.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

**Federal Operating Permit Program**  
**Form OP-SUMR – Individual Unit Summary for Revisions**  
**Table 1**

| Date          | Permit No. | Regulated Entity No. |
|---------------|------------|----------------------|
| June 20, 2025 | O1583      | RN100223205          |

| Unit/<br>Process<br>AI | Unit/<br>Process<br>Revision No. | Unit/Process ID<br>No. | Unit/Process<br>Applicable<br>Form | Unit/Process Name/ Description | Unit/<br>Process<br>CAM | Preconstruction Authorizations<br>30 TAC Chapter 116/ 30 TAC<br>Chapter 106                                                                                     | Preconstruction<br>Authorizations Title I |
|------------------------|----------------------------------|------------------------|------------------------------------|--------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
|                        | 2                                | 35244                  | OP-REQ2                            | HR1-93% SULFURIC ACID PUMP TK  |                         | 751                                                                                                                                                             | PSDTX987                                  |
|                        | 3                                | 35284                  | OP-REQ2                            | HR1-99% SULFURIC ACID PUMP TK  |                         | 751                                                                                                                                                             | PSDTX987                                  |
|                        | 2                                | 36244                  | OP-REQ2                            | HR2-93% SULFURIC ACID PUMP TK  |                         | 751                                                                                                                                                             | PSDTX987                                  |
|                        | 3                                | 36284                  | OP-REQ2                            | HR2-99% SULFURIC ACID PUMP TK  |                         | 751                                                                                                                                                             | PSDTX987                                  |
|                        | 2                                | 38244                  | OP-REQ2                            | HR3-93% SULFURIC ACID PUMP TK  |                         | 751                                                                                                                                                             | PSDTX987                                  |
|                        | 3                                | 38284                  | OP-REQ2                            | HR3-99% SULFURIC ACID PUMP TK  |                         | 751                                                                                                                                                             | PSDTX987                                  |
|                        | 1                                | B-3-47                 | OP-UA1<br>OP-UA12                  | B-3 RACK FUGITIVES             |                         | 1257A<br>106.261/11/01/2003 [161251,<br>164537, 168470, 171729, 172167,<br>175711]<br>106.262/11/01/2003 [161251,<br>164537, 168470, 171729, 172167,<br>175711] |                                           |
|                        | 1                                | B-3-48                 | OP-UA1<br>OP-UA12                  | B3 RACK FUGITIVES              |                         | 1257A<br>106.261/11/01/2003 [161251,<br>164537, 168470, 171729, 172167,<br>175711]<br>106.262/11/01/2003 [161251,<br>164537, 168470, 171729, 172167,<br>175711] |                                           |

**Federal Operating Permit Program**  
**Form OP-SUMR – Individual Unit Summary for Revisions**  
**Table 1**

| Date          | Permit No. | Regulated Entity No. |
|---------------|------------|----------------------|
| June 20, 2025 | O1583      | RN100223205          |

| Unit/<br>Process<br>AI | Unit/<br>Process<br>Revision No. | Unit/Process ID<br>No. | Unit/Process<br>Applicable<br>Form | Unit/Process Name/ Description | Unit/<br>Process<br>CAM | Preconstruction Authorizations<br>30 TAC Chapter 116/ 30 TAC<br>Chapter 106                                                                     | Preconstruction<br>Authorizations Title I |
|------------------------|----------------------------------|------------------------|------------------------------------|--------------------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
|                        | 1                                | B-3-49                 | OP-UA1<br>OP-UA12                  | GMAA RACK FUGITIVES            |                         | 1257A<br>106.261/11/01/2003 [164537,<br>168470, 171729, 172167,<br>175711]<br>106.262/11/01/2003 [164537,<br>168470, 171729, 172167,<br>175711] |                                           |

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

| Date          | Permit No. | Regulated Entity No. |
|---------------|------------|----------------------|
| June 20, 2025 | O1583      | RN100223205          |

| Unit AI | Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | Potentially Applicable Regulatory Name | Negative Applicability/Superseded Requirement Citation | Negative Applicability/Superseded Requirement Reason      |
|---------|--------------|---------------------------|------------------------------------|----------------------------------------|--------------------------------------------------------|-----------------------------------------------------------|
| A       | 2            | 35244                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).    |
| A       | 3            | 35284                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds. |
| A       | 2            | 36244                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).    |
| A       | 3            | 36284                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds. |
| A       | 2            | 38244                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).    |
| A       | 3            | 38284                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds. |

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

|                                                       |                                          |                          |
|-------------------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> June 20, 2025                            | <b>Regulated Entity No.:</b> RN100223205 | <b>Permit No.:</b> O1583 |
| <b>Company Name:</b> Rohm and Haas Texas Incorporated | <b>Area Name:</b> B-3/HR Process Area    |                          |

| 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            | GRP-MAAFUG                | OP-UA12                            | 63H-ALL          | HAPS      | 40 CFR Part 63, Subpart H (Connectors in Heavy Liquid Service)              | [G]63.169, 63.162(a), (c), [G](f)-(g), (h), [G]63.171 |
| 1            | GRP-MAAFUG                | OP-UA12                            | 63H-ALL          | HAPS      | 40 CFR Part 63, Subpart H (Valves in Heavy Liquid Service)                  | [G]63.169, 63.162(a), (c), [G](f)-(g), (h), [G]63.171 |
| 1            | GRP-MAAFUG                | OP-UA12                            | 63H-ALL          | HAPS      | 40 CFR Part 63, Subpart H (Agitators in Heavy Liquid Service)               | [G]63.169, 63.162(a), (c), [G](f)-(g), (h), [G]63.171 |
| 1            | GRP-MAAFUG                | OP-UA12                            | 63H-ALL          | HAPS      | 40 CFR Part 63, Subpart H (Instrumentation Systems)                         | [G]63.169, 63.162(a), (c), [G](f)-(g), (h), [G]63.171 |
| 1            | GRP-MAAFUG                | OP-UA12                            | 63H-ALL          | HAPS      | 40 CFR Part 63, Subpart H (Pressure Relief Device in Liquid Service)        | [G]63.169, 63.162(a), (c), [G](f)-(g), (h), [G]63.171 |
| 1            | GRP-MAAFUG                | OP-UA12                            | 63H-ALL          | HAPS      | 40 CFR Part 63, Subpart H (Surge Control Vessels and Bottoms Receivers)     | 63.170, 63.162(a), (c), [G](g), (h), [G]63.171        |
| 1            | GRP-MAAFUG                | OP-UA12                            | 63H-ALL          | HAPS      | 40 CFR Part 63, Subpart H (Agitators in Gas/Vapor and Light Liquid Service) | [G]63.173, 63.162(a), (c), [G](f)-(g), (h), [G]63.171 |
| 1            | GRP-MAAFUG                | OP-UA12                            | 63H-ALL          | HAPS      | 40 CFR Part 63, Subpart H (Connectors in Gas/Vapor Service)                 | [G]63.174, 63.162(a), (c), [G](f)-(g), (h), [G]63.171 |
| 1            | GRP-MAAFUG                | OP-UA12                            | 63H-ALL          | HAPS      | 40 CFR Part 63, Subpart H (Pumps in Heavy Liquid Service)                   | [G]63.169, 63.162(a), (c), [G](f)-(g), (h), [G]63.171 |

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

|                                                       |                                          |                          |
|-------------------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> June 20, 2025                            | <b>Regulated Entity No.:</b> RN100223205 | <b>Permit No.:</b> O1583 |
| <b>Company Name:</b> Rohm and Haas Texas Incorporated | <b>Area Name:</b> B-3/HR Process Area    |                          |

| 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            | GRP-MAAFUG                | OP-UA12                            | 63H-ALL          | HAPS      | 40 CFR Part 63, Subpart H (HAP service less than 300 hours per year)                | 63.162(e), 63.162(a), (c), [G](g), (h)                           |
| 1            | GRP-MAAFUG                | OP-UA12                            | 63H-ALL          | HAPS      | 40 CFR Part 63, Subpart H (Compressors)                                             | [G]63.164, 63.162(a), (c), [G](f)-(g), (h), [G]63.171            |
| 1            | GRP-MAAFUG                | OP-UA12                            | 63H-ALL          | HAPS      | <del>40 CFR Part 63, Subpart H (Pressure Relief Devices in Gas/Vapor Service)</del> | <del>[G]63.165, 63.162(a), (c), [G](g), (h), [G]63.171</del>     |
| 1            | GRP-MAAFUG                | OP-UA12                            | 63H-ALL          | HAPS      | 40 CFR Part 63, Subpart H (Sampling Connection Systems)                             | [G]63.166, 63.162(a), (c), [G](g), (h), [G]63.171                |
| 1            | GRP-MAAFUG                | OP-UA12                            | 63H-ALL          | HAPS      | 40 CFR Part 63, Subpart H (Valves in Gas/Vapor and Light Liquid Service)            | [G]63.168, 63.162(a), (c), [G](f)-(g), (h), [G]63.171, [G]63.175 |
| 1            | GRP-MAAFUG                | OP-UA12                            | 63H-ALL          | HAPS      | 40 CFR Part 63, Subpart H (Open-ended Valves or Lines)                              | [G]63.167, 63.162(a), (c), [G](g), (h), [G]63.171, [G]63.175     |
| 1            | GRP-MAAFUG                | OP-UA12                            | 63H-ALL          | HAPS      | 40 CFR Part 63, Subpart H (Pumps in Light Liquid Service)                           | [G]63.163, 63.162(a), (c), [G](f)-(g), (h), [G]63.171, [G]63.176 |

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

|                                                       |                                          |                          |
|-------------------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> June 20, 2025                            | <b>Regulated Entity No.:</b> RN100223205 | <b>Permit No.:</b> O1583 |
| <b>Company Name:</b> Rohm and Haas Texas Incorporated | <b>Area Name:</b> B-3/HR Process Area    |                          |

| Revision No. | Unit/Group/Process ID No.                                    | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements | Recordkeeping Requirements             | Reporting Requirements                                 |
|--------------|--------------------------------------------------------------|-------------------|-----------|-------------------------------------|----------------------------------------|--------------------------------------------------------|
| 1            | GRP-MAAFUG (Connectors in Heavy Liquid Service)              | 63H-ALL           | HAPS      | [G]63.169, [G]63.180(b), [G](d)     | 63.181(a), [G](b), (c), [G](d), [G](i) | [G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d) |
| 1            | GRP-MAAFUG (Valves in Heavy Liquid Service)                  | 63H-ALL           | HAPS      | [G]63.169, [G]63.180(b), [G](d)     | 63.181(a), [G](b), (c), [G](d), [G](i) | [G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d) |
| 1            | GRP-MAAFUG (Agitators in Heavy Liquid Service)               | 63H-ALL           | HAPS      | [G]63.169, [G]63.180(b), [G](d)     | 63.181(a), [G](b), (c), [G](d), [G](i) | [G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d) |
| 1            | GRP-MAAFUG (Instrumentation Systems)                         | 63H-ALL           | HAPS      | [G]63.169, [G]63.180(b), [G](d)     | 63.181(a), [G](b), (c), [G](d)         | [G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d) |
| 1            | GRP-MAAFUG (Pressure Relief Device in Liquid Service)        | 63H-ALL           | HAPS      | [G]63.169, [G]63.180(b), [G](d)     | 63.181(a), [G](b), (c), [G](d)         | [G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d) |
| 1            | GRP-MAAFUG (Surge Control Vessels and Bottoms Receivers)     | 63H-ALL           | HAPS      | [G]63.180(b), [G](d)                | 63.181(a), [G](b), (c)                 | [G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d) |
| 1            | GRP-MAAFUG (Agitators in Gas/Vapor and Light Liquid Service) | 63H-ALL           | HAPS      | [G]63.173, [G]63.180(b), [G](d)     | 63.181(a), [G](b), (c), [G](d)         | [G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d) |

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

|                                                       |                                          |                          |
|-------------------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> June 20, 2025                            | <b>Regulated Entity No.:</b> RN100223205 | <b>Permit No.:</b> O1583 |
| <b>Company Name:</b> Rohm and Haas Texas Incorporated | <b>Area Name:</b> B-3/HR Process Area    |                          |

| Revision No. | Unit/Group/Process ID No.                                            | SOP/GOP Index No.  | Pollutant       | Monitoring and Testing Requirements        | Recordkeeping Requirements                                                                 | Reporting Requirements                                            |
|--------------|----------------------------------------------------------------------|--------------------|-----------------|--------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| 1            | GRP-MAAFUG (Connectors in Gas/Vapor Service)                         | 63H-ALL            | HAPS            | [G]63.174, [G]63.180(b), [G](d)            | 63.181(a), [G](b), (c), [G](d)                                                             | [G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)            |
| 1            | GRP-MAAFUG (Pumps in Heavy Liquid Service)                           | 63H-ALL            | HAPS            | [G]63.169, [G]63.180(b), [G](d)            | 63.181(a), [G](b), (c), [G](d), [G](i)                                                     | [G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)            |
| 1            | GRP-MAAFUG (HAP service less than 300 hours per year)                | 63H-ALL            | HAPS            | [G]63.180(d)                               | 63.181(a), [G](b), (c), [G](i), (j)                                                        | [G]63.182(a)-(b)                                                  |
| 1            | GRP-MAAFUG (Compressors)                                             | 63H-ALL            | HAPS            | [G]63.164, [G]63.180(b)-(d)                | 63.181(a), [G](b), (c), [G](d), [G](f)                                                     | [G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)            |
| 1            | <del>GRP-MAAFUG (Pressure Relief Devices in Gas/Vapor Service)</del> | <del>63H-ALL</del> | <del>HAPS</del> | <del>[G]63.165, [G]63.180(b)-(d)</del>     | <del>63.181(a), [G](b), (c), [G](f)</del>                                                  | <del>[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)</del> |
| 1            | GRP-MAAFUG (Sampling Connection Systems)                             | 63H-ALL            | HAPS            | [G]63.180(b), [G](d)                       | 63.181(a), [G](b), (c), [G](i)                                                             | [G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)            |
| 1            | GRP-MAAFUG (Valves in Gas/Vapor and Light Liquid Service)            | 63H-ALL            | HAPS            | [G]63.168, [G]63.175, [G]63.180(b), [G](d) | 63.181, [G](b), (c), [G](d), (h), [G]63.181(h)(1)-(2), (h)(4), [G](h)(5), 63.181(h)(6)-(7) | [G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)            |

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

|                                                       |                                          |                          |
|-------------------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> June 20, 2025                            | <b>Regulated Entity No.:</b> RN100223205 | <b>Permit No.:</b> O1583 |
| <b>Company Name:</b> Rohm and Haas Texas Incorporated | <b>Area Name:</b> B-3/HR Process Area    |                          |

| Revision No. | Unit/Group/Process ID No.                     | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements        | Recordkeeping Requirements                                                                 | Reporting Requirements                                 |
|--------------|-----------------------------------------------|-------------------|-----------|--------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------|
| 1            | GRP-MAAFUG<br>(Open-ended Valves or Lines)    | 63H-ALL           | HAPS      | [G]63.175, [G]63.180(b), [G](d)            | 63.181, [G](b), (c), (h), [G](h)(1)-(2), 63.181(h)(4), [G](h)(5), (h)(6)-(7), [G]63.181(i) | [G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d) |
| 1            | GRP-MAAFUG<br>(Pumps in Light Liquid Service) | 63H-ALL           | HAPS      | [G]63.163, [G]63.176, [G]63.180(b), [G](d) | 63.181, [G](b), (c), [G](d), (h), [G]63.181(h)(3), (h)(4), [G](h)(5), 63.181(h)(6)-(8)     | [G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d) |



June 6, 2025

**E-MAIL RESPONSE**

Texas Commission on Environmental Quality  
ATTN: Mr. Ryan Glaze  
Air Permits Division, MC-163  
P.O. Box 13087  
Austin, TX 78711-3087

**Rohm and Haas Texas Incorporated, CN605605831**  
**B-3/HR Process Area, RN100223205**  
**Title V Operating Permit NOD Response for B-3/HR Process Area, O1583**  
**TCEQ Project Number: 37643**

Dear Mr. Glaze,

Rohm and Haas Texas Incorporated (Rohm & Haas) is providing a response to the Notice of Deficiency (NOD) provided on May 30, 2025.

Please do not hesitate to contact me at (979) 238-1742 or [cschmidt6@dow.com](mailto:cschmidt6@dow.com) if you require additional information regarding this submittal.

Sincerely,

*Crystal Schmidt*

Crystal Schmidt  
Air Permit Manager

enclosure

cc:

US EPA Region 6  
TCEQ Air Section Manager, Region 12  
Harris County Pollution Control Services Department Director

R6AirPermitsTX@epa.gov  
R12apdmail@tceq.texas.gov  
Air\_Permits@pcs.hctx.net  
Latrice.babin@pcs.hctx.net

### Additional Information Request

|                        |                                                                                                                                                                                                                                  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Item 1</b>          | Unit HR-8 (OP-UA15):<br>Based on the OP UA15, Table 13e that was provided for Unit ID HR-8, additional information is required on Table 13g and 13f. Please follow the OP-UA15 form instructions and submit a completed OP-UA15. |
| <b>Item 1 Response</b> | <b>Please see the attached Form OP-UA15/Table 13 for more information.</b>                                                                                                                                                       |

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 32)**  
**Federal Operating Permit Program**

**Table 13a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents**  
**Texas Commission on Environmental Quality**

| Date         | Permit No. | Regulated Entity No. |
|--------------|------------|----------------------|
| June 6, 2025 | O1583      | RN100223205          |

| Emission Point ID No. | SOP Index No. | Emission Standard | Comb Device | 95% Scrubber | PERF Test | Negative Pressure | Bypass Line |
|-----------------------|---------------|-------------------|-------------|--------------|-----------|-------------------|-------------|
| HR-8                  | 63FFFF-01     | CD98              |             |              |           |                   |             |

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 36)**  
**Federal Operating Permit Program**

**Table 13e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents**  
**Texas Commission on Environmental Quality**

| Date         | Permit No. | Regulated Entity No. |
|--------------|------------|----------------------|
| June 6, 2025 | O1583      | RN100223205          |

| Emission Point ID No. | SOP Index No. | Designated GRP1 | Small Device | 1257A1 | 1257A1 Device Type | 1257A1 Device ID | Alt 63SS Mon Parameters | Alt 63SS Mon ID | CEMS | SS Device Type | SS Device ID |
|-----------------------|---------------|-----------------|--------------|--------|--------------------|------------------|-------------------------|-----------------|------|----------------|--------------|
| HR-8                  | 63FFFF-01     | YES             | NO           |        |                    |                  | NO                      |                 | NO   | INCIN          | HR-8         |

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 37)**  
**Federal Operating Permit Program**

**Table 13f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents**  
**Texas Commission on Environmental Quality**

| Date         | Permit No. | Regulated Entity No. |
|--------------|------------|----------------------|
| June 6, 2025 | O1583      | RN100223205          |

| Emission Point ID No. | SOP Index No.    | Meets 63.988(b)(2) | Water | Designated HAL | Determined HAL |
|-----------------------|------------------|--------------------|-------|----------------|----------------|
| <i>HR-8</i>           | <i>63FFFF-01</i> | <i>NO</i>          |       | <i>NO</i>      | <i>NO</i>      |

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 38)**  
**Federal Operating Permit Program**

**Table 13g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents**  
**Texas Commission on Environmental Quality**

| Date         | Permit No. | Regulated Entity No. |
|--------------|------------|----------------------|
| June 6, 2025 | O1583      | RN100223205          |

| Emission Point ID No. | SOP Index No.    | HAL Device Type | HAL Device ID | Prior Eval | Assessment Waiver | Assessment Waiver ID | Formaldehyde | Negative Pressure | Bypass Line |
|-----------------------|------------------|-----------------|---------------|------------|-------------------|----------------------|--------------|-------------------|-------------|
| <i>HR-8</i>           | <i>63FFFF-01</i> | <i>SCRBAFT</i>  |               | <i>YES</i> |                   |                      |              | <i>NO</i>         | <i>NONE</i> |



May 12, 2025

**E-MAIL RESPONSE**

Texas Commission on Environmental Quality  
ATTN: Mr. Ryan Glaze  
Air Permits Division, MC-163  
P.O. Box 13087  
Austin, TX 78711-3087

**Rohm and Haas Texas Incorporated, CN605605831**  
**B-3/HR Process Area, RN100223205**  
**Title V Operating Permit NOD Response for B-3/HR Process Area, O1583**  
**TCEQ Project Number: 37643**

Dear Mr. Glaze,

Rohm and Haas Texas Incorporated (Rohm & Haas) is providing a response to the Notice of Deficiency (NOD) provided on May 9, 2025.

Please do not hesitate to contact me at (979) 238-1742 or [cschmidt6@dow.com](mailto:cschmidt6@dow.com) if you require additional information regarding this submittal.

Sincerely,

*Crystal Schmidt*

Crystal Schmidt  
Air Permit Manager

enclosure

cc:

US EPA Region 6  
TCEQ Air Section Manager, Region 12  
Harris County Pollution Control Services Department Director

R6AirPermitsTX@epa.gov  
R12apdmail@tceq.texas.gov  
Air\_Permits@pcs.hctx.net  
Latrice.babin@pcs.hctx.net

### Additional Information Request

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Item 1</b>          | <p>OP-UA15:</p> <p>On Table 13e 40 CFR Part 63, Subpart FFFF, the table is duplicated to be table 13d. Please look over Table 13e and fill it out for unit HR-8. Additionally, unit B-3-1 does not need to be shown on table 13e. Since the emission standard for unit B-3-1 is BLWFLR it doesn't need to continue with additional information. Table 13e only needs to be filled out for units who has emissions standards of CD98 or CDPMV.</p> <p>Please remove unit B-3-1 and update the information for HR-8 for Table 13e on the OP-UA15.</p>                                                                                                                                                                                                                                                                             |
| <b>Item 1 Response</b> | <p><b>Please see the attached Form OP-UA15/Table 13 for more information.</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Item 2</b>          | <p>OP-PBRSUP:</p> <p>According to TCEQ records the facility have PBR registrations that are active at the facility that are missing from the OP-PBRSUP. All active registrations at the facility need to be listed on the OP-PBRSUP Tables A &amp; D.</p> <p>Additionally, some of those active PBR registrations have PBRs that are not listed on the OP-REQ1 page 89 PBR section. If PBRs that were not initially put on OP-REQ1 page 89, they will also need to be documented on that form (Note: if all the active PBRs at the facility are already listed, then this doesn't need to be updated).</p> <p>Also on Table A, unit B-3-55-1 is listed twice for registration 145125. Please remove the duplicate Unit ID number.</p> <p>Once all changes to the OP-PBRSUP have been made please send an updated OP-PBRSUP.</p> |
| <b>Item 2 Response</b> | <p><b>Dow has six Title V Permits with the same RN/CN. The Form OP-PBRSUP that was submitted in the renewal application that was received by TCEQ on February 3, 2025, contained all active PBRs for Title V Permit O1583.</b></p> <p><b>Units B-3-55-1 and B-3-55-2 should have been listed for PBR Registration 145125. Please see the attached Form OP-SUMR and Form OP-PBRSUP for more information.</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                 |

**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. |
|--------------|------------|----------------------|
| May 12, 2025 | O1583      | RN100223205          |

| Unit/Process<br>AI | Unit/Process<br>Revision No. | Unit/Process ID No. | Unit/Process<br>Applicable<br>Form | Unit/Process Name/ Description | Unit/Process<br>CAM | Preconstruction<br>Authorizations 30 TAC<br>Chapter 116/ 30 TAC<br>Chapter 106 | Preconstruction<br>Authorizations Title I |
|--------------------|------------------------------|---------------------|------------------------------------|--------------------------------|---------------------|--------------------------------------------------------------------------------|-------------------------------------------|
|                    |                              | B-3-55-1            | OP-UA3                             | EAST AR TANK 34560             |                     | 1257A<br>106.261/11/01/2001 [145125]<br>106.262/11/01/2001 [145125]            |                                           |
|                    |                              | B-3-55-2            | OP-UA3                             | WEST AR TANK 34730             |                     | 1257A<br>106.261/11/01/2001 [145125]<br>106.262/11/01/2001 [145125]            |                                           |

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 32)**  
**Federal Operating Permit Program**

**Table 13a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents**  
**Texas Commission on Environmental Quality**

| Date         | Permit No. | Regulated Entity No. |
|--------------|------------|----------------------|
| May 12, 2025 | O1583      | RN100223205          |

| Emission Point ID No. | SOP Index No. | Emission Standard | Comb Device | 95% Scrubber | PERF Test | Negative Pressure | Bypass Line |
|-----------------------|---------------|-------------------|-------------|--------------|-----------|-------------------|-------------|
| 22013                 | 63FFFF-01     | GRP2              |             |              |           |                   |             |
| 22034                 | 63FFFF-01     | GRP2              |             |              |           |                   |             |
| B-3-1                 | 63FFFF-01     | BLWFLR            |             |              |           |                   |             |
| B-3-40                | 63FFFF-01     | GRP2              |             |              |           |                   |             |
| B-3-51                | 63FFFF-01     | GRP2              |             |              |           |                   |             |
| HR-8                  | 63FFFF-01     | CD98              |             |              |           |                   |             |

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 33)**  
**Federal Operating Permit Program**

**Table 13b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents**  
**Texas Commission on Environmental Quality**

| Date         | Permit No. | Regulated Entity No. |
|--------------|------------|----------------------|
| May 12, 2025 | O1583      | RN100223205          |

| Emission Point ID No. | SOP Index No. | Recovery Device | Existing Source | TRE Index Threshold | Alt 63SS Mon Parameters | Alt 63SS Mon ID | SS Device Type | SS Device ID | Water |
|-----------------------|---------------|-----------------|-----------------|---------------------|-------------------------|-----------------|----------------|--------------|-------|
| 22013                 | 63FFFF-01     | NO              |                 |                     |                         |                 |                |              |       |
| 22034                 | 63FFFF-01     | NO              |                 |                     |                         |                 |                |              |       |
| B-3-40                | 63FFFF-01     | NO              |                 |                     |                         |                 |                |              |       |
| B-3-51                | 63FFFF-01     | NO              |                 |                     |                         |                 |                |              |       |

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 35)**  
**Federal Operating Permit Program**

**Table 13d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents**  
**Texas Commission on Environmental Quality**

| Date         | Permit No. | Regulated Entity No. |
|--------------|------------|----------------------|
| May 12, 2025 | O1583      | RN100223205          |

| Emission Point ID No. | SOP Index No.        | Designated GRP1 | Designated HAL | Determined HAL | Prior Eval     | Assessment Waiver | Assessment Waiver ID | Negative Pressure | Bypass Line     |
|-----------------------|----------------------|-----------------|----------------|----------------|----------------|-------------------|----------------------|-------------------|-----------------|
| B-3-1                 | 63FFFF-01            | YES             | NO             | NO             | YES            |                   |                      | NO                | NONE            |
| <del>HR-8</del>       | <del>63FFFF-01</del> | <del>YES</del>  | <del>NO</del>  | <del>NO</del>  | <del>YES</del> |                   |                      | <del>NO</del>     | <del>NONE</del> |

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 36)**  
**Federal Operating Permit Program**

**Table 13e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents**  
**Texas Commission on Environmental Quality**

| Date         | Permit No. | Regulated Entity No. |
|--------------|------------|----------------------|
| May 12, 2025 | O1583      | RN100223205          |

| Emission Point ID No. | SOP Index No.    | Designated GRP1 | Small Device | 1257A1 | 1257A1 Device Type | 1257A1 Device ID | Alt 63SS Mon Parameters | Alt 63SS Mon ID | CEMS      | SS Device Type | SS Device ID |
|-----------------------|------------------|-----------------|--------------|--------|--------------------|------------------|-------------------------|-----------------|-----------|----------------|--------------|
| <i>HR-8</i>           | <i>63FFFF-01</i> | <i>YES</i>      | <i>NO</i>    |        |                    |                  | <i>NO</i>               |                 | <i>NO</i> | <i>INCIN</i>   | <i>HR-8</i>  |

**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 |
|--------------|---------------|-------------------------|
| May 12, 2025 | O1583         | RN100223205             |

| Unit ID No.                |                              | Registration No. | PBR No.            | Registration Date |
|----------------------------|------------------------------|------------------|--------------------|-------------------|
| B3CHILL                    |                              | 126178           | 106.373            | 02/27/2015        |
| B-3-55-1<br>B-3-55-2       |                              | 145125           | 106.261<br>106.262 | 03/15/2017        |
| B-3-47<br>B-3-48           |                              | 161251           | 106.261<br>106.262 | 05/13/2020        |
| B-3-1                      |                              | 162074           | 106.261<br>106.262 | 08/17/2020        |
| B-3-47<br>B-3-48<br>B-3-49 | B-3-50<br>B-4-9<br>HTRES-FUG | 164537           | 106.261<br>106.262 | 05/04/2021        |
| B-3-47<br>B-3-48<br>B-3-49 | B-3-50<br>B-4-9              | 168470           | 106.261<br>106.262 | 05/04/2022        |
| B-3-47<br>B-3-48           | B-3-49<br>B-3-50             | 171729           | 106.261<br>106.262 | 03/01/2023        |
| B-3-47<br>B-3-48           | B-3-49                       | 172167           | 106.261<br>106.262 | 04/13/2023        |
| B-3-47<br>B-3-48           | B-3-49                       | 175711           | 106.261<br>106.262 | 08/26/2024        |
| B-3-4                      |                              | 178426           | 106.261            | 12/06/2024        |
| HR-8                       |                              | 177771           | 106.261            | 10/31/2024        |

**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 |
|--------------|---------------|-------------------------|
| May 12, 2025 | O1583         | RN100223205             |

| Unit ID No.                                                        | PBR No. | Version No./Date |
|--------------------------------------------------------------------|---------|------------------|
| CT-3                                                               | 106.371 | 09/04/2000       |
| B-3-DEGR                                                           | 106.454 | 09/04/2000       |
| B-3-47<br>HR-8<br>HR-1                                             | 106.264 | 09/04/2000       |
| B3-SUB21<br>B3-SUB5                                                | 106.511 | 09/04/2000       |
| 38244                                                              | 106.472 | 09/04/2000       |
| PRO-HR-1<br>PRO-HR-2<br>PRO-HR-3<br>PRO_B3/B4MMA<br>PRO_B3MAA/GMAA | 106.263 | 11/01/2001       |

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

| Date         | Permit Number | Regulated Entity Number |
|--------------|---------------|-------------------------|
| May 12, 2025 | O1583         | RN100223205             |

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

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

| Date         | Permit Number | Regulated Entity Number |
|--------------|---------------|-------------------------|
| May 12, 2025 | O1583         | RN100223205             |

| Unit ID No.                | PBR No.                      | Version No./Date Or Registration No. | Monitoring Requirement                                                                                                                                                                            |
|----------------------------|------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B3CHILL                    | 106.373                      | 126178                               | Maintain records of refrigerant type and usage.                                                                                                                                                   |
| B-3-55-1<br>B-3-55-2       | 106.261<br>106.262           | 145125                               | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023). |
| B-3-47<br>B-3-48           | 106.261<br>106.262           | 161251                               | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023). |
| B-3-1                      | 106.261<br>106.262           | 162074                               | Flare will continue to meet the monitoring and recordkeeping requirements of NSR 1257A SC #7 for minimum net heating value and exit velocity.                                                     |
| B-3-47<br>B-3-48<br>B-3-49 | B-3-50<br>B-4-9<br>HTRES-FUG | 106.261<br>106.262                   | 164537                                                                                                                                                                                            |
| B-3-47<br>B-3-48<br>B-3-49 | B-3-50<br>B-4-9              | 106.261<br>106.262                   | 168470                                                                                                                                                                                            |
| B-3-47<br>B-3-48           | B-3-49<br>B-3-50             | 106.261<br>106.262                   | 171729                                                                                                                                                                                            |
| B-3-47<br>B-3-48<br>B-3-49 | 106.261<br>106.262           | 172167                               | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023). |
| B-3-47<br>B-3-48<br>B-3-49 | 106.261<br>106.262           | 175711                               | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023). |

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

| Date         | Permit Number | Regulated Entity Number |
|--------------|---------------|-------------------------|
| May 12, 2025 | O1583         | RN100223205             |

| Unit ID No.                                                        | PBR No.            | Version No./Date Or Registration No. | Monitoring Requirement                                                                                                                                                                                                                               |
|--------------------------------------------------------------------|--------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B-3-4                                                              | 106.261<br>106.262 | 178426                               | Maintain records of emissions to demonstrate compliance with 106.261(a)(2)-(3) and 106.262(a)(2)-(3) as required by NSR 1257A SC #15.E. (Issuance Date 11/14/2023).                                                                                  |
| HR-8<br>HR-FUG                                                     | 106.261<br>106.262 | 177771                               | Maintain records of emissions to demonstrate compliance with 106.261(a)(2)-(3) and 106.262(a)(2)-(3) as required by NSR 751 SC #16 (Issuance Date 06/04/2024).                                                                                       |
| CT B-3                                                             | 106.371            | 09/04/2000                           | Maintain records to ensure cooling tower is not being used in direct contact with gaseous or liquid process streams containing carbon compounds, sulfur compounds, halogens or halogen compounds, cyanide compounds, inorganic acids, or acid gases. |
| B-3-DEGR                                                           | 106.454            | 09/04/2000                           | Maintain records of solvent makeup.                                                                                                                                                                                                                  |
| B-3-47<br>HR-8<br>HR-1                                             | 106.264            | 09/04/2000                           | Maintain records of throughput.                                                                                                                                                                                                                      |
| B3-SUB21<br>B3-SUB5                                                | 106.511            | 09/04/2000                           | Maintain records of operation.                                                                                                                                                                                                                       |
| 38244                                                              | 106.472            | 09/04/2000                           | Maintain records of tank service and annual throughput.                                                                                                                                                                                              |
| PRO-HR-1<br>PRO-HR-2<br>PRO-HR-3<br>PRO_B3/B4MMA<br>PRO_B3MAA/GMAA | 106.263            | 11/01/2001                           | Track emissions on a rolling 12-month basis.                                                                                                                                                                                                         |

## Carolyn Thomas

---

**From:** eNotice TCEQ  
**Sent:** Friday, March 7, 2025 7:48 AM  
**To:** carol.alvarado@senate.texas.gov; Jaime.Villarreal@senate.texas.gov;  
megan.maldonado@senate.texas.gov; Maryann.perez@house.texas.gov  
**Subject:** TCEQ Notice - Permit Number O1583  
**Attachments:** TCEQ Notice - O1583\_37643.pdf

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

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

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

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

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



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

March 7, 2025

THE HONORABLE CAROL ALVARADO  
TEXAS SENATE  
PO BOX 12068  
AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Renewal Application  
Project Number: 37643  
Permit Number: O1583  
Rohm and Haas Texas Incorporated  
B-3/hr Process Area  
Deer Park, Harris County  
Regulated Entity Number: RN100223205  
Customer Reference Number: CN605605831

Dear Senator Alvarado:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.104166,29.728888&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 Carol Alvarado  
Page 2  
March 7, 2025

Re: Accepted Federal Operating Permit Renewal Application

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

Sincerely,

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

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

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



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

March 7, 2025

THE HONORABLE MARY ANN PEREZ  
TEXAS HOUSE OF REPRESENTATIVES  
PO BOX 2910  
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Renewal Application  
Project Number: 37643  
Permit Number: O1583  
Rohm and Haas Texas Incorporated  
B-3/hr Process Area  
Deer Park, Harris County  
Regulated Entity Number: RN100223205  
Customer Reference Number: CN605605831

Dear Representative Perez:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.104166,29.728888&level=13>.

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

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

Sincerely,

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

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

## Carolyn Thomas

---

**From:** TVAPPS  
**Sent:** Tuesday, February 4, 2025 8:01 AM  
**To:** Carolyn Thomas  
**Cc:** APIRT  
**Subject:** FW: STEERS/TV 37643 / 1583 - RENEWAL - ROHM and HAAS TEXAS

-----Original Message-----

From: steers@tceq.texas.gov <steers@tceq.texas.gov>  
Sent: Monday, February 3, 2025 9:31 PM  
To: RFCAIR12 <RFCAIR12@tceq.texas.gov>; air\_permits@pcs.hctx.net; TVAPPS <tvapps@tceq.texas.gov>  
Subject: STEERS Title V Application Submittal (New Application)

The TV-E application has been successfully submitted by JOANNE SEKELLA. The submittal was received at 02/03/2025 09:30 PM.

The Reference number for this submittal is 753039

The confirmation number for this submittal is 625694.

The Area ID for this submittal is 1583.

The Project ID for this submittal is 37643.

The hash code for this submittal is F18937139B16543B6281BFB501AB421CD72429CA5B8D127E587EBE8B175774BD.

You may access the original application submittal and the notice of final action documents from the COR Viewer which is available at <https://ida.tceq.texas.gov/steersstaff/index.cfm?fuseaction=openadmin.submitlog&newsearch=yes>.

If you have any questions, please contact the STEERS Help Line at 512-239-6925 or by e-mail at [steers@tceq.texas.gov](mailto:steers@tceq.texas.gov).



February 3, 2025

***Electronic Submittal via ePermits***

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

**Rohm and Haas Texas Incorporated, CN605605831  
Rohm and Haas Texas Deer Park Plant, B-3/HR Process Area, RN100223205  
Title V Permit O1583 Renewal Application**

Dear APIRT Team Leader,

Rohm and Haas Texas Incorporated is submitting the Title V Operating Permit O1583 renewal application for the Rohm and Haas Texas Deer Park Plant, B-3/HR Process Area, located in Harris County, Texas. The following forms are included in this submittal as part of the permit application.

- Form OP-1
- Form OP-2
- Form OP-SUMR part 82
- Form OP-UAs
- Form OP-REQ1
- Form OP-REQ2
- Form OP-REQ3
- Form OP-PBRSUP
- Form OP-MONs
- Form OP-ACPS

Please do not hesitate to contact me at (979) 238-1742 or [cschmidt6@dow.com](mailto:cschmidt6@dow.com) if you require additional information regarding this submittal.

Sincerely,

***Crystal Schmidt***

Crystal Schmidt  
Air Permit Manager

Enclosure

cc:

US EPA Region 6  
TCEQ Air Section Manager, Region 12  
Dr. Latrice Babin Executive Director

R6AirPermitsTX@epa.gov  
R12apdmail@tceq.texas.gov  
Harris County Pollution Control Services, 101 S. Richey St,  
Ste. H Pasadena, Texas 77506-1023

**Rohm and Haas Texas Incorporated**

**CN605605831; RN100223205**

**Rohm and Haas Texas Deer Park Plant**

**Site Operating Permit O1583 Renewal Application**

**February 3, 2025**

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# **Section A - Permit Area Process Description**

## Permit Area Process Description

### HR Process Description

There are three sulfuric acid production units in the Houston Recovery Area (HR Area) each of which consists of a natural gas fired preheater that heats the process air before it enters the combustion furnace. In the combustion furnace, acid/organic residues are decomposed/burned to form SO<sub>2</sub> and other combustion products. Additionally, elemental sulfur is burned to make up for plant acid losses or increase SO<sub>2</sub> concentration and supply additional heat. The movement of process gases through the system generate heat which is used to produce steam in the HR Unit. Gas coolers are used to remove heat from the process gas and condense the water vapor from the gas.

As the process gas cools down, H<sub>2</sub>O and H<sub>2</sub>SO<sub>4</sub> mist particles are formed. By passing the gas through an electrostatic precipitator, small particles are removed, and the process gas is then brought in contact with circulating 93-95% H<sub>2</sub>SO<sub>4</sub> to remove the remaining water. Recovered SO<sub>2</sub> is returned to the inlet of the 93% tower. HR exports 93% acid within and outside the plant. The clean/dried gas is sent to the converter where SO<sub>2</sub> reacts with O<sub>2</sub> to produce SO<sub>3</sub> in a catalyst reactor.

SO<sub>3</sub> is absorbed into water to make 99% plus acid. The hot H<sub>2</sub>SO<sub>4</sub> produced is diluted, cooled and recirculated to the tower. To reduce SO<sub>2</sub> emissions and to recover yield losses, SO<sub>2</sub> is scrubbed from the tail gas with caustics. The scrubber bottoms stream is re-acidified in the Acidification Stripper to regenerate the SO<sub>2</sub> for re-processing and the liquid stream is disposed of in the Plants waste treatment plant. The tail gases from the three units are released to the atmosphere through a common 150 ft. stack.

### B-3 /B-4 Process Description

The B-3 and B-4 Units produce methyl methacrylate (MMA). This is accomplished by reacting Acetone Cyanohydrin (ACH) and Sulfuric Acid to form Methacrylamide. Then, through various chemical processing steps - hydrolysis, cracking, reaction mechanism, separation, stripping, and distillation, MMA, Methacrylic Acid (MAA), and other byproducts are produced and either stored on site for use in the Sulfuric Acid production facility or transferred offsite.

MMA is produced from three main feed stocks, ACH, sulfuric acid, and methanol. De-ionized water and other various inhibitors are also added. The result of this hydrolysis reaction is the formation of methacrylamide (MAM) and other intermediates. The hydrolysis mix is pumped through a series of cracking heaters, esterification reactors, and separators prior to being neutralized, washed, purified, and stored.

Some feed stocks, including ACH (produced in the N-Area, NSR 723) and sulfuric acid (produced in the HR Unit, NSR 751) are stored in dock tanks for supply to the unit; additional material may be supplemented by outside suppliers as needed. Methanol and various inhibitors come strictly from outside sources. The stripped crude MMA produced at the B-3 / B-4 unit is routed the P-North unit located at the site (NSR 29010) for purification and shipment or transferred through piping to the Truck and Rail Car Loading Stations for shipping to another Dow facility for further processing.

### Methacrylic Acid Process Description

The MAA unit produces MAA as feed to the Glacial Methacrylic Acid (GMAA) Unit where the MAA is dehydrated and further purified. The MAA/Utilities Unit also provides many utilities needed to operate the B-3 and B-4 units as well as other units at the site. The MAA unit feed is a side stream of hydrolysis mix from the B-3 Unit Hydrolysis section. The feed stream consists of:

- Methacrylamide (MAM)

- Sulfuric acid
- alpha-sulfatoisobutyramide
- alpha-hydroxyisobutyramide

Feed is introduced into a system of vessels and heat exchangers designed to degas the mix, then convert the MAM into MAA using heat and a blend of deionized and recycle water. The resulting mixture is cooled and the MAA separated from the acid for further processing at the GMAA Unit.

**Glacial Methacrylic Acid Process Description**

Crude MAA is produced in the MAA Reactor then cooled and transferred to the GMAA Unit Crude MAA storage tanks for processing to make GMAA, a purified MAA product. The GMAA Product tanks provide storage and surge capacity for the product. Finished product GMAA is transferred through piping to an adjacent, separate company or to the Truck and Rail Car Loading Stations for shipping to customers off site.

## **Section B - Administrative Forms**

**Form OP-1**

**Form OP-2**

**Form OP-SUMR**

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

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

|                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>I. Company Identifying Information</b>                                                                                                                                                                                                                                                                        |
| A. Company Name: <b>Rohm and Haas Texas Incorporated</b>                                                                                                                                                                                                                                                         |
| B. Customer Reference Number (CN): <b>CN605605831</b>                                                                                                                                                                                                                                                            |
| C. Submittal Date (mm/dd/yyyy): <b>February 3, 2025</b>                                                                                                                                                                                                                                                          |
| <b>II. Site Information</b>                                                                                                                                                                                                                                                                                      |
| A. Site Name: <b>Rohm and Haas Texas Deer Park Plant</b>                                                                                                                                                                                                                                                         |
| B. Regulated Entity Reference Number (RN): <b>RN100223205</b>                                                                                                                                                                                                                                                    |
| C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>                                                                                                                                                                                                     |
| <input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A                                                                                                  |
| D. Indicate all pollutants for which the site is a major source based on the site's potential to emit:<br><i>(Check the appropriate box[es].)</i>                                                                                                                                                                |
| <input checked="" type="checkbox"/> VOC <input checked="" type="checkbox"/> NO <sub>x</sub> <input checked="" type="checkbox"/> SO <sub>2</sub> <input checked="" type="checkbox"/> PM <sub>10</sub> <input checked="" type="checkbox"/> CO <input type="checkbox"/> Pb <input checked="" type="checkbox"/> HAPS |
| Other:                                                                                                                                                                                                                                                                                                           |
| E. Is the site a non-major source subject to the Federal Operating Permit Program? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>                                                                                                                        |
| F. Is the site within a local program area jurisdiction? <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>                                                                                                                                                  |
| G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>                                                                                                                         |
| H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:                                                                                                                                                                                                                                     |
| <b>III. Permit Type</b>                                                                                                                                                                                                                                                                                          |
| A. Type of Permit Requested: <i>(Select only one response )</i>                                                                                                                                                                                                                                                  |
| <input checked="" type="checkbox"/> <b>Site Operating Permit (SOP)</b> <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)                                                                                                                         |

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

|                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>IV. Initial Application Information</b> <i>(Complete for Initial Issuance Applications Only.)</i>                                                                                                                                                         |
| <b>A.</b> Is this submittal an abbreviated or a full application? <span style="float: right;"><input type="checkbox"/> Abbreviated <input type="checkbox"/> Full</span>                                                                                      |
| <b>B.</b> If this is a full application, is the submittal a follow-up to an abbreviated application? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>                                                             |
| <b>C.</b> If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>                                             |
| <b>D.</b> Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span> |
| <b>E.</b> Has the required Public Involvement Plan been included with this application? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>                                                                          |
| <b>V. Confidential Information</b>                                                                                                                                                                                                                           |
| <b>A.</b> Is confidential information submitted in conjunction with this application? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>                                                                 |
| <b>VI. Responsible Official (RO) Identifying Information</b>                                                                                                                                                                                                 |
| RO Name Prefix: ( <input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.)                                                                                                           |
| RO Full Name: <b>Joanne Sekella</b>                                                                                                                                                                                                                          |
| RO Title: <b>Vice President</b>                                                                                                                                                                                                                              |
| Employer Name: <b>Rohm and Haas Texas Incorporated</b>                                                                                                                                                                                                       |
| Mailing Address: <b>P.O. Box 1000</b>                                                                                                                                                                                                                        |
| City: <b>Deer Park</b>                                                                                                                                                                                                                                       |
| State: <b>Texas</b>                                                                                                                                                                                                                                          |
| ZIP Code: <b>77536-1000</b>                                                                                                                                                                                                                                  |
| Territory:                                                                                                                                                                                                                                                   |
| Country: <b>USA</b>                                                                                                                                                                                                                                          |
| Foreign Postal Code:                                                                                                                                                                                                                                         |
| Internal Mail Code:                                                                                                                                                                                                                                          |
| Telephone No.: <b>610-244-7765</b>                                                                                                                                                                                                                           |
| Fax No.:                                                                                                                                                                                                                                                     |
| Email: <b>fhubehs@dow.com</b>                                                                                                                                                                                                                                |

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

|                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>VII. Technical Contact Identifying Information</b> <i>(Complete if different from RO.)</i>                                                                                                                                                                          |
| Technical Contact Name Prefix: ( <input type="checkbox"/> Mr. <input checked="" type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)                                                                                                      |
| Technical Contact Full Name: <b>Crystal Schmidt</b>                                                                                                                                                                                                                    |
| Technical Contact Title: <b>Air Permit Manager</b>                                                                                                                                                                                                                     |
| Employer Name: <b>The Dow Chemical Company</b>                                                                                                                                                                                                                         |
| Mailing Address: <b>332 South Hwy 332 E</b>                                                                                                                                                                                                                            |
| City: <b>Lake Jackson</b>                                                                                                                                                                                                                                              |
| State: <b>Texas</b>                                                                                                                                                                                                                                                    |
| ZIP Code: <b>77566</b>                                                                                                                                                                                                                                                 |
| Territory:                                                                                                                                                                                                                                                             |
| Country: <b>United States</b>                                                                                                                                                                                                                                          |
| Foreign Postal Code:                                                                                                                                                                                                                                                   |
| Internal Mail Code:                                                                                                                                                                                                                                                    |
| Telephone No.: <b>(979) 238-1742</b>                                                                                                                                                                                                                                   |
| Fax No.:                                                                                                                                                                                                                                                               |
| Email: <b>cschmidt6@dow.com</b>                                                                                                                                                                                                                                        |
| <b>VIII. Reference Only Requirements</b> <i>(For reference only.)</i>                                                                                                                                                                                                  |
| <b>A. State Senator: Senator District 6 - Carol Alvarado</b>                                                                                                                                                                                                           |
| <b>B. State Representative: House District 144 – Representative Mary Ann Perez</b>                                                                                                                                                                                     |
| <b>C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)?</b> <span style="float: right;"><input checked="" type="checkbox"/> <b>YES</b> <input type="checkbox"/> <b>NO</b> <input type="checkbox"/> <b>N/A</b></span> |
| <b>D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?</b> <span style="float: right;"><input checked="" type="checkbox"/> <b>YES</b> <input type="checkbox"/> <b>NO</b></span>                                                      |
| <b>E. Indicate the alternate language(s) in which public notice is required: <b>Spanish</b></b>                                                                                                                                                                        |

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

|                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>IX. Off-Site Permit Request</b><br><i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>          |
| 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: <b>B-3/HR Process Area</b>                                                                                                        |
| B. Physical Address: <b>1900 Tidal Road</b>                                                                                                     |
| City: <b>Deer Park</b>                                                                                                                          |
| State: <b>Texas</b>                                                                                                                             |
| ZIP Code: <b>77536</b>                                                                                                                          |
| C. Physical Location: <b>1900 Tidal Road, Deer Park, TX, 77536</b>                                                                              |
|                                                                                                                                                 |
|                                                                                                                                                 |
|                                                                                                                                                 |
| D. Nearest City: <b>Deer Park</b>                                                                                                               |
| E. State: <b>Texas</b>                                                                                                                          |
| F. ZIP Code: <b>77536</b>                                                                                                                       |

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

|                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>X. Application Area Information (continued)</b>                                                                                                                                                                                                                             |
| <b>G.</b> Latitude (nearest second): <b>29° 43' 35"</b>                                                                                                                                                                                                                        |
| <b>H.</b> Longitude (nearest second): <b>95° 06' 10"</b>                                                                                                                                                                                                                       |
| <b>I.</b> Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span> |
| <b>J.</b> Indicate the estimated number of emission units in the application area:                                                                                                                                                                                             |
| <b>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>XI. Public Notice</b><br>(Complete this section for SOP Applications and Acid Rain Permit Applications only.)                                                                                                                                                               |
| <b>A.</b> Name of a public place to view application and draft permit: <b>Deer Park Public Library</b>                                                                                                                                                                         |
| <b>B.</b> Physical Address: <b>3009 Center Street</b>                                                                                                                                                                                                                          |
| City: <b>Deer Park</b>                                                                                                                                                                                                                                                         |
| ZIP Code: <b>77536</b>                                                                                                                                                                                                                                                         |
| <b>C.</b> Contact Person (Someone who will answer questions from the public during the public notice period):                                                                                                                                                                  |
| Contact Name Prefix: ( <input type="checkbox"/> Mr. <input checked="" type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):                                                                                                                       |
| Contact Person Full Name: <b>Crystal Schmidt</b>                                                                                                                                                                                                                               |
| Contact Mailing Address: <b>332 South Hwy 332 E</b>                                                                                                                                                                                                                            |
| City: <b>Lake Jackson</b>                                                                                                                                                                                                                                                      |
| State: <b>Texas</b>                                                                                                                                                                                                                                                            |
| ZIP Code: <b>77566</b>                                                                                                                                                                                                                                                         |
| Territory:                                                                                                                                                                                                                                                                     |
| Country: <b>USA</b>                                                                                                                                                                                                                                                            |
| Foreign Postal Code:                                                                                                                                                                                                                                                           |
| Internal Mail Code:                                                                                                                                                                                                                                                            |
| Telephone No.: <b>(979) 238-1742</b>                                                                                                                                                                                                                                           |

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

**XII. Delinquent Fees and Penalties**

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

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

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

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

DR Full Name:

DR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

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

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

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

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

ADR Full Name:

ADR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

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

|                                                                                                                                                                                       |                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| Date: <b>February 3, 2025</b>                                                                                                                                                         |                                                                     |
| Permit No.: <b>O1583</b>                                                                                                                                                              |                                                                     |
| Regulated Entity No.: <b>RN100223205</b>                                                                                                                                              |                                                                     |
| Company Name: <b>Rohm and Haas Texas Incorporated</b>                                                                                                                                 |                                                                     |
| For Submissions to EPA                                                                                                                                                                |                                                                     |
| Has an electronic copy of this application been submitted (or is being submitted) to EPA? <span style="float: right;"><input 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                                                                                                                                                                | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| For GOP Revisions Only                                                                                                                                                                | <input type="checkbox"/> YES <input type="checkbox"/> NO            |

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

|                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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:<br>(Check the appropriate box[es].)                                                                                                                                                                         |
| <input checked="" type="checkbox"/> VOC <input checked="" type="checkbox"/> NO <sub>x</sub> <input checked="" type="checkbox"/> SO <sub>2</sub> <input checked="" type="checkbox"/> PM <sub>10</sub> <input checked="" type="checkbox"/> CO <input type="checkbox"/> Pb <input checked="" type="checkbox"/> 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)? <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</span>                                                                     |
| <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: <b>February 3, 2025</b>            |
| Permit No.: <b>O1583</b>                 |
| Regulated Entity No.: <b>RN100223205</b> |
| Company Name: <b>CN605605831</b>         |

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

| Revision No. | Revision Code |          | Unit/Group | Process                      | NSR<br>Authorization | Description of Change and Provisional Terms and<br>Conditions                                                                                                                                                                                                                                                                                 |
|--------------|---------------|----------|------------|------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |               | New Unit | ID No.     | Applicable Form              |                      |                                                                                                                                                                                                                                                                                                                                               |
| 1            | MS-C          | NO       | Multiple   | OP-REQ1<br>OP-SUMR<br>OP-UAs | N/A                  | Rohm and Haas requests updates to unit sources whose UA forms have been updated since the last renewal. In addition, Rohm and Haas is requesting updates to Unit IDs and Preconstruction Authorizations. Please see the attached Forms OP-SUMR and OP-REQ1. Additions have been bolded and italicized and deletions have been struck through. |
| 2            | MS-C          | NO       | GRP-MAAFUG | OP-UA1<br>OP-REQ3            | N/A                  | Please remove 40 CFR Part 63, Subpart FFFF General High-Level applicability form this fugitive ID.<br><br>Please add 40 CFR Part 63, Subpart FFFF Low-Level applicability to this fugitive ID. Please see Form OP-REQ3 for detailed citations.                                                                                                |
| 3            | MS-C          | NO       | B-3-1      | N/A                          | 162074               | Rohm and Haas submitted an OP-NOTIFY (Project No. 30999) to reference authorization of emissions increase to the flare, EPN: B-3-1 under PBR No. 162074. This change does not result in change in the regulatory applicability. This OP-NOTIFY is being included for completeness purposes only.                                              |

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|                                          |
|------------------------------------------|
| Date: <b>February 3, 2025</b>            |
| Permit No.: <b>O1583</b>                 |
| Regulated Entity No.: <b>RN100223205</b> |
| Company Name: <b>CN605605831</b>         |

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

| Revision No. | Revision Code |          | Unit/Group                                                                                        | Process            | NSR<br>Authorization | Description of Change and Provisional Terms and<br>Conditions                                                                                                                                                                                                                                                     |
|--------------|---------------|----------|---------------------------------------------------------------------------------------------------|--------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |               | New Unit | ID No.                                                                                            | Applicable Form    |                      |                                                                                                                                                                                                                                                                                                                   |
| 4            | MS-C          | NO       | B-3-58                                                                                            | N/A                | 165370               | Rohm and Haas submitted an OP-NOTIFY (Project No. 32282) to reference authorization of emissions increase to the tanks 22002 and 22003, EPN: B-3-58 under PBR No. 165370. This change does not result in change in the regulatory applicability. This OP-NOTIFY is being included for completeness purposes only. |
| 5            | SIG-E         | NO       | B3-SUB5<br>B3-SUB21                                                                               | OP-REQ2            | N/A                  | Rohm and Haas requests the following sources have 40 CFR Part 60, Subpart IIII added to the permit shield. These sources do not have positive applicability for this regulation, see attached OP-REQ2.                                                                                                            |
| 6            | MS-C          | NO       | <del>22024</del><br><del>22013</del><br><del>22044</del><br><del>22034</del>                      | OP-SUMR            | N/A                  | Rohm and Haas requests the correction of the unit ID for the GMAA D Column Jet Condenser from 22024 to 22013, and for the GMAA P Column Jet Condenser from 22044 to 22034.                                                                                                                                        |
| 7            | MS-C          | NO       | <del>22024</del><br><del>22013</del><br><del>22044</del><br><del>22034</del><br><del>B-3-51</del> | OP-UA15<br>OP-REQ2 | N/A                  | Rohm and Haas requests the removal of the Part 63 Subpart FFFF permit shield for 22013 & 22034 and the addition of process vent applicability for Part 63 Subpart FFFF for these three sources.                                                                                                                   |

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
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|                                          |
|------------------------------------------|
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| Permit No.: <b>O1583</b>                 |
| Regulated Entity No.: <b>RN100223205</b> |
| Company Name: <b>CN605605831</b>         |

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

| Revision No. | Revision Code |          | Unit/Group                                         | Process         | NSR<br>Authorization | Description of Change and Provisional Terms and<br>Conditions                                                                                                                                                                                                                                               |
|--------------|---------------|----------|----------------------------------------------------|-----------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |               | New Unit | ID No.                                             | Applicable Form |                      |                                                                                                                                                                                                                                                                                                             |
| 8            | SIG-E         | NO       | 22140                                              | OP-REQ2         | N/A                  | Rohm and Haas requests a permit shield for 40 CFR Part 63, Subpart FFFF for this source. See attached OP-REQ2.                                                                                                                                                                                              |
| 9            | SIG-E         | NO       | 22035                                              | OP-REQ2         | N/A                  | Rohm and Haas requests a permit shield for 40 CFR Part 63, Subpart FFFF for this source. See attached OP-REQ2.                                                                                                                                                                                              |
| 10           | SIG-E         | NO       | B-3-42<br>B-3-43<br>B-3-44<br>B-3-60-1<br>B-3-60-2 | OP-REQ2         | N/A                  | Rohm and Haas requests a revision to the Basis of Determination language for 40 CFR Part 63, Subpart FFFF. The requested revision more accurately reflects the non-applicability determination for these sources (i.e. contains HAP only as impurities). Please see the attached OP-REQ2.                   |
| 11           | SIG-E         | NO       | B-3-41<br>B-3-52                                   | OP-REQ2         | N/A                  | Rohm and Haas requests to add a permit shield for 40 CFR Part 63, Subpart FFFF. The tanks 22120 (B-3-41) & 34276 (B-3-52) are considered surge control vessels. Also, Rohm and Hass requests revision of the 40 CFR Part 63, Subpart G basis of determination since the tanks are not part of the HON MCPU. |

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|                                          |
|------------------------------------------|
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| Permit No.: <b>O1583</b>                 |
| Regulated Entity No.: <b>RN100223205</b> |
| Company Name: <b>CN605605831</b>         |

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

| Revision No. | Revision Code |          | Unit/Group    | Process                      | NSR<br>Authorization | Description of Change and Provisional Terms and<br>Conditions                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------|---------------|----------|---------------|------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |               | New Unit | ID No.        | Applicable Form              |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 12           | MS-C          | NO       | B-3-40        | OP-UA15<br>OP-REQ2           | N/A                  | Rohm and Haas requests that positive applicability of 40 CFR Part 63, Subpart FFFF, Group 2 Continuous process vent & 30 TAC Chapter 115, Vent Gas Control be added to the permit for this source. Please see OP-REQ2 to remove obsolete storage shields.                                                                                                                                                                                                     |
| 13           | MS-C          | NO       | GRP-HRPRHT    | OP-UA5                       | N/A                  | Rohm and Haas requests that the general high-level applicability for 40 CFR Part 63, Subpart DDDDD be removed from these boiler stacks, and requests to add low-level applicability for 40 CFR Part 63, Subpart DDDDD to these sources.                                                                                                                                                                                                                       |
| 14           | MS-C          | NO       | B-3-1<br>HR-8 | OP-MON<br>OP-UA15<br>OP-REQ3 | NA                   | Rohm and Haas requests represent the process vent applicability for 30 TAC Chapter 115, Vent Gas Control, 40 CFR Part 63, Subpart G, and 40 CFR Part 63, Subpart FFFF at the facility control devices (B-3-1 flare and Davy Stack, HR-8). These control devices will represent the emissions from the following vents: 34701, 34714, MAA_VENT, MMA_VENTA, and MMA_VENTB.<br><br>Please see the attached OP-MON form to incorporate CAM requirements for HR-8. |

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|                                          |
|------------------------------------------|
| Date: <b>February 3, 2025</b>            |
| Permit No.: <b>O1583</b>                 |
| Regulated Entity No.: <b>RN100223205</b> |
| Company Name: <b>CN605605831</b>         |

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

| Revision No. | Revision Code |          | Unit/Group                                           | Process            | NSR<br>Authorization | Description of Change and Provisional Terms and<br>Conditions                                                                                                                                                         |
|--------------|---------------|----------|------------------------------------------------------|--------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |               | New Unit | ID No.                                               | Applicable Form    |                      |                                                                                                                                                                                                                       |
| 15           | MS-C          | NO       | 34701<br>34714<br>MAA_VENT<br>MMA_VENTA<br>MMA_VENTB | OP-UA15<br>OP-REQ3 | N/A                  | Rohm and Haas requests the removal of these vents from the permit. The applicability for these sources will be represented at the plant flare, B-3-1, and the Davy Stack, HR-8. Please see strikethroughs on OP-SUMR. |
| 16           | MS-C          | NO       | PRO_B3MAA/GM<br>AA                                   | OP-UA60            | N/A                  | Rohm and Haas is requesting the removal of excess attribute information in the OP-UA60 form. Deletions are struck through on the form OP-UA60 Table 5c.                                                               |
| 17           | SIG-E         | YES      | 35244<br>35284<br>36244<br>36284<br>38244<br>38284   | OP-SUMR            | N/A                  | Rohm and Haas is requesting the addition of storage shields for these vessels in order to maintain consistency with other similar shields for sources already represented in the permit.                              |

**Texas Commission on Environmental Quality  
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| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| 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 |
|-----------------|---------------------------|---------------------------|-------------------------------|-----------------------------------------|------------------|-----------------------------------------------------------------------|----------------------------------------|
|                 |                           | 22007                     | OP-REQ2                       | GMAA D COLUMN FEED PUMP STRAINER A      |                  | 1257A                                                                 |                                        |
|                 |                           | 22008                     | OP-REQ2                       | GMAA D COLUMN FEED PUMP STRAINER B      |                  | 1257A                                                                 |                                        |
|                 | 6, 7                      | <del>22024</del><br>22013 | <del>OP-UA15</del><br>OP-REQ2 | GMAA D COLUMN JET CONDENSER             |                  | 1257A                                                                 |                                        |
|                 | 9                         | 22035                     | OP-REQ2                       | P-COLUMN DISTILLATE RECEIVER 22035      |                  | 1257A                                                                 |                                        |
|                 | 6, 7                      | <del>22044</del><br>22034 | <del>OP-UA15</del><br>OP-REQ2 | GMAA P COLUMN JET CONDENSER             |                  | 1257A                                                                 |                                        |
|                 |                           | 22115                     | OP-REQ2                       | TEMPERED WATER TANK 22115               |                  | 1257A                                                                 |                                        |
|                 | 8                         | 22140                     | OP-REQ2                       | HQ MIX TANK 22140                       |                  | 1257A                                                                 |                                        |
|                 | 9                         | 22145                     | OP-REQ2                       | HQ FEED TANK 22145                      |                  | 1257A                                                                 |                                        |
|                 |                           | 22154                     | OP-REQ2                       | MEHQ SLURRY TANK 22154                  |                  | 1257A                                                                 |                                        |
|                 |                           | 33055                     | OP-REQ2                       | ATMOSPHERIC CONDENSATE FLASH TANK 33055 |                  | 1257A                                                                 |                                        |
|                 |                           | 33057                     | OP-REQ2                       | 35 PSIG CONDENSATE FLASH TANK 33057     |                  | 1257A                                                                 |                                        |

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| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Unit/Process<br>AI | Unit/Process<br>Revision No. | Unit/Process ID No. | Unit/Process<br>Applicable<br>Form | Unit/Process Name/ Description                  | Unit/Process<br>CAM | Preconstruction<br>Authorizations<br>30 TAC Chapter<br>116/ 30 TAC<br>Chapter 106 | Preconstruction<br>Authorizations Title I |
|--------------------|------------------------------|---------------------|------------------------------------|-------------------------------------------------|---------------------|-----------------------------------------------------------------------------------|-------------------------------------------|
|                    |                              | 33140               | OP-UA3                             | B4 RECYCLE TANK 33140                           |                     | 1257A                                                                             |                                           |
|                    |                              | 33184               | OP-UA3                             | ESTER SEPARATOR TANK 33184                      |                     | 1257A                                                                             |                                           |
|                    |                              | 33209               | OP-REQ2                            | TEMPERED WATER SURGE TANK<br>33209              |                     | 1257A                                                                             |                                           |
|                    |                              | 33276               | OP-REQ2                            | WASH WATER SURGE TANK 33276                     |                     | 1257A                                                                             |                                           |
|                    |                              | 33344               | OP-REQ2                            | PNP FEED TANK 33344                             |                     | 1257A                                                                             |                                           |
|                    |                              | 33389               | OP-REQ2                            | RERUN CONDENSATE TRANSFER<br>TANK 33389         |                     | 1257A                                                                             |                                           |
|                    |                              | 33399               | OP-REQ2                            | FLARE DRAIN TANK 33399                          |                     | 1257A                                                                             |                                           |
|                    |                              | 33429               | OP-UA3                             | UPPER LAYER SURGE TANK 33429                    |                     | 1257A                                                                             |                                           |
|                    |                              | 34131               | OP-REQ2                            | SECOND STAGE TEMPERED<br>WATER SURGE TANK 34131 |                     | 1257A                                                                             |                                           |
|                    |                              | 34146               | OP-REQ2                            | RECYCLE OVERFLOW TANK<br>34146                  |                     | 1257A                                                                             |                                           |
|                    |                              | 34160               | OP-REQ2                            | SEAL POT 34160                                  |                     | 1257A                                                                             |                                           |
|                    |                              | 34175               | OP-UA3                             | CRACKED MIX VENT TANK 34175                     |                     | 1257A                                                                             |                                           |

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| February 3, 2025 | O1583      | RN100223205          |

| 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 |
|-----------------|---------------------------|---------------------|------------------------------|----------------------------------------|------------------|-----------------------------------------------------------------------|----------------------------------------|
|                 |                           | 34176               | OP-UA3                       | CRACKED MIX VENT TANK 34176            |                  | 1257A                                                                 |                                        |
|                 |                           | 34195               | OP-UA3                       | LOWER LAYER FLASH TANK 34195           |                  | 1257A                                                                 |                                        |
|                 |                           | 34336               | OP-REQ2                      | PNP FEED TANK 34336                    |                  | 1257A                                                                 |                                        |
|                 |                           | 34340               | OP-REQ2                      | PNP MIX TANK 34340                     |                  | 1257A                                                                 |                                        |
|                 |                           | 34381               | OP-REQ2                      | VENT CONDENSATE ACCUMULATOR TANK 34381 |                  | 1257A                                                                 |                                        |
|                 |                           | 34394               | OP-REQ2                      | FLARE KNOCKOUT POT 34394               |                  | 1257A                                                                 |                                        |
|                 |                           | 34399               | OP-REQ2                      | FLARE DRAIN TANK 34399                 |                  | 1257A                                                                 |                                        |
|                 |                           | 34412               | OP-REQ2                      | LIGHT ENDS CONDENSATE RECEIVER 34412   |                  | 1257A                                                                 |                                        |
|                 |                           | 34429               | OP-REQ2                      | UPPER LAYER SURGE TANK 34429           |                  | 1257A                                                                 |                                        |
|                 |                           | 34482               | OP-REQ2                      | EAST AQUA AMMONIA TANK 34482           |                  | 1257A                                                                 |                                        |
|                 |                           | 34526               | OP-UA3                       | 100% AAPPD TANK 34526                  |                  | 1257A                                                                 |                                        |
| D               | 15                        | <del>34701</del>    | <del>OP-UA15</del>           | <del>MMA HOLD KETTLE</del>             |                  | <del>1257A</del>                                                      |                                        |

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Individual Unit Summary for Revisions  
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| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Unit/Process<br>AI | Unit/Process<br>Revision No. | Unit/Process ID No. | Unit/Process<br>Applicable<br>Form | Unit/Process Name/ Description     | Unit/Process<br>CAM | Preconstruction<br>Authorizations<br>30 TAC Chapter<br>116/ 30 TAC<br>Chapter 106 | Preconstruction<br>Authorizations Title I |
|--------------------|------------------------------|---------------------|------------------------------------|------------------------------------|---------------------|-----------------------------------------------------------------------------------|-------------------------------------------|
| D                  | 15                           | 34714               | OP-UA15                            | MAA-CRACKED MIX VENT TANK          |                     | 1257A                                                                             |                                           |
|                    |                              | 34716               | OP-REQ2                            | CRACKED MIX OVERFLOW TANK<br>34716 |                     | 1257A                                                                             |                                           |
| A                  | 17                           | 35244               | OP-REQ2                            | HR1-93% SULFURIC ACID PUMP<br>TK   |                     | 751                                                                               | PSDTX987                                  |
| A                  | 17                           | 35284               | OP-REQ2                            | HR1-99% SULFURIC ACID PUMP<br>TK   |                     | 751                                                                               | PSDTX987                                  |
|                    |                              | 35630               | OP-REQ2                            | HR PRIMENE SALT TANK               |                     | 751                                                                               | PSDTX987                                  |
|                    |                              | 35631               | OP-REQ2                            | HR PRIMENE SALT VENT<br>SCRUBBER   |                     | 751                                                                               | PSDTX987                                  |
|                    |                              | 35689               | OP-REQ2                            | HR WEAK ACID HOLD TANK             |                     | 751                                                                               | PSDTX987                                  |
| A                  | 17                           | 36244               | OP-REQ2                            | HR2-93% SULFURIC ACID PUMP<br>TK   |                     | 751                                                                               | PSDTX987                                  |
| A                  | 17                           | 36284               | OP-REQ2                            | HR2-99% SULFURIC ACID PUMP<br>TK   |                     | 751                                                                               | PSDTX987                                  |
| A                  | 17                           | 38244               | OP-REQ2                            | HR3-93% SULFURIC ACID PUMP<br>TK   |                     | 751                                                                               | PSDTX987                                  |
| A                  | 17                           | 38284               | OP-REQ2                            | HR3-99% SULFURIC ACID PUMP<br>TK   |                     | 106.472/09/04/2000                                                                |                                           |

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Federal Operating Permit Program  
Individual Unit Summary for Revisions  
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|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Unit/Process<br>AI | Unit/Process<br>Revision No. | Unit/Process ID No. | Unit/Process<br>Applicable<br>Form | Unit/Process Name/ Description         | Unit/Process<br>CAM | Preconstruction<br>Authorizations<br>30 TAC Chapter<br>116/ 30 TAC<br>Chapter 106 | Preconstruction<br>Authorizations Title I |
|--------------------|------------------------------|---------------------|------------------------------------|----------------------------------------|---------------------|-----------------------------------------------------------------------------------|-------------------------------------------|
|                    |                              | 92515               | OP-REQ2                            | PROCESS WATER TANK 92515               |                     | 1257A                                                                             |                                           |
|                    |                              | 93006               | OP-REQ2                            | BLEACH TANK 93006                      |                     | 1257A                                                                             |                                           |
|                    |                              | 93010               | OP-REQ2                            | SANITARY WATER TANK 93010              |                     | 1257A                                                                             |                                           |
|                    |                              | 96631               | OP-REQ2                            | HR SULFURIC ACID DOCK TANK 1           |                     | 751                                                                               | PSDTX987                                  |
|                    |                              | 96632               | OP-REQ2                            | HR SULFURIC ACID DOCK TANK 2           |                     | 751                                                                               | PSDTX987                                  |
|                    |                              | 97100               | OP-REQ2                            | DI WATER TANK 97100                    |                     | 1257A                                                                             |                                           |
|                    |                              | 97203               | OP-REQ2                            | 35 PSIG CONDENSATE FLASH<br>TANK 97203 |                     | 1257A                                                                             |                                           |
|                    |                              | 97205               | OP-REQ2                            | BOILER FEED WATER TANK 97205           |                     | 1257A                                                                             |                                           |
|                    |                              | 97221               | OP-REQ2                            | ATMOSPHERIC FLASH TANK<br>97221        |                     | 1257A                                                                             |                                           |
|                    |                              | 34394-1             | OP-REQ2                            | FLARE HEATER KNOCKOUT POT<br>34394-1   |                     | 1257A                                                                             |                                           |
|                    |                              | 35-HR-11            | OP-UA1                             | HR-1 BOILER STACK                      |                     | 751                                                                               | PSDTX987                                  |
|                    |                              | 35-HR-5             | OP-UA5                             | HR-1 PREHEATER                         |                     | 751                                                                               | PSDTX987                                  |
|                    |                              | 36-HR-11            | OP-UA1                             | HR-2 BOILER STACK                      |                     | 751                                                                               | PSDTX987                                  |

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| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description   | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106     | Preconstruction Authorizations Title I |
|-----------------|---------------------------|---------------------|------------------------------|----------------------------------|------------------|---------------------------------------------------------------------------|----------------------------------------|
|                 |                           | 36-HR-5             | OP-UA5                       | HR-2 PREHEATER                   |                  | 751                                                                       | PSDTX987                               |
|                 |                           | 38-HR-11            | OP-UA1                       | HR-3 BOILER STACK                |                  | 751                                                                       | PSDTX987                               |
|                 |                           | 38-HR-5             | OP-UA5                       | HR-3 PREHEATER                   |                  | 751                                                                       | PSDTX987                               |
|                 | 3, 14                     | B-3-1               | OP-UA7<br>OP-UA15            | PLANT FLARE                      |                  | 1257A<br>106.261/11/01/2003<br>[162074]<br>106.262/11/01/2003<br>[162074] |                                        |
|                 |                           | B-3-10              | OP-REQ2                      | 21% AAPPD FEED TANK 34327        |                  | 1257A                                                                     |                                        |
|                 |                           | B-3-11              | OP-UA3                       | PTZ MIX TANK 34335               |                  | 1257A                                                                     |                                        |
|                 |                           | B-3-12              | OP-UA3                       | PTZ FEED TANK 34343              |                  | 1257A                                                                     |                                        |
|                 |                           | B-3-13              | OP-UA3                       | CRUDE MMA TANK 34351             |                  | 1257A                                                                     |                                        |
|                 |                           | B-3-14              | OP-UA3                       | CRUDE MMA TANK 34352             |                  | 1257A                                                                     |                                        |
|                 |                           | B-3-15              | OP-UA3                       | CRUDE MMA TANK 34353             |                  | 1257A                                                                     |                                        |
|                 |                           | B-3-16              | OP-UA3                       | CRUDE MMA TANK 34354             |                  | 1257A                                                                     |                                        |
|                 |                           | B-3-18              | OP-UA3                       | LIGHT ENDS STORAGE TANK<br>34402 |                  | 1257A<br>106.261/11/01/2003<br>106.262/11/01/2003                         |                                        |

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

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

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| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Unit/Process<br>AI | Unit/Process<br>Revision No. | Unit/Process ID No. | Unit/Process<br>Applicable<br>Form | Unit/Process Name/ Description   | Unit/Process<br>CAM | Preconstruction<br>Authorizations<br>30 TAC Chapter<br>116/ 30 TAC<br>Chapter 106 | Preconstruction<br>Authorizations Title I |
|--------------------|------------------------------|---------------------|------------------------------------|----------------------------------|---------------------|-----------------------------------------------------------------------------------|-------------------------------------------|
|                    |                              | B-3-19              | OP-UA3                             | LIGHT ENDS STORAGE TANK<br>34426 |                     | 1257A<br>106.261/11/01/2003<br>106.262/11/01/2003                                 |                                           |
|                    |                              | B-3-20              | OP-UA3                             | RR VENT CONDENSATE TANK<br>34430 |                     | 1257A<br>106.261/11/01/2003<br>106.262/11/01/2003                                 |                                           |
|                    |                              | B-3-22              | OP-REQ2                            | METHANOL DOCK TANK 96600         |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-22010           | OP-REQ2                            | DISTILLATION COLUMN              |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-22030           | OP-REQ2                            | PRODUCT COLUMN                   |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-3               | OP-UA3                             | B3 RECYCLE TANK 34140            |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-34150           | OP-REQ2                            | B3 SECOND STAGE KETTLE           |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-34160           | OP-REQ2                            | B3 HOLD KETTLE                   |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-34180           | OP-REQ2                            | MID REACTOR                      |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-34181           | OP-REQ2                            | WEST REACTOR                     |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-34185           | OP-REQ2                            | MAA REACTOR SEPARATOR            |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-34186           | OP-REQ2                            | WEST SEPARATOR                   |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-34187           | OP-REQ2                            | EAST SEPARATOR                   |                     | 1257A                                                                             |                                           |

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|--------------------|------------------------------|---------------------|------------------------------------|------------------------------------------|---------------------|-----------------------------------------------------------------------------------|-------------------------------------------|
|                    |                              | B-3-34188           | OP-REQ2                            | EAST REACTOR                             |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-34190           | OP-REQ2                            | B3 UPPER LAYER COLUMN                    |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-34199           | OP-REQ2                            | B3 LOWER LAYER MAIN<br>CONDENSER         |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-34201           | OP-REQ2                            | B3 FIRST STAGE KETTLE                    |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-34209           | OP-REQ2                            | FIRST STAGE TEMPERED WATER<br>SURGE TANK |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-34240           | OP-REQ2                            | B3 ACID STRIPPER                         |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-34279           | OP-REQ2                            | B3 WEST BOTTOM SETTLER                   |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-34280           | OP-REQ2                            | B3 EAST BOTTOM SETTLER                   |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-34282           | OP-REQ2                            | B3 TOP SETTLER                           |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-34287           | OP-REQ2                            | B3 MID SETTLER                           |                     | 1257A<br>106.261/11/01/2003<br>106.262/11/01/2003                                 |                                           |
|                    |                              | B-3-34360           | OP-REQ2                            | B3 FIRST STAGE RERUN COLUMN              |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-34369           | OP-REQ2                            | B3 RERUN GRAVITY SEPARATOR               |                     | 1257A                                                                             |                                           |

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|--------------------|------------------------------|---------------------|------------------------------------|-----------------------------------|---------------------|-----------------------------------------------------------------------------------|-------------------------------------------|
|                    |                              | B-3-34375           | OP-REQ2                            | B3 RERUN VACUUM TRAP              |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-34410           | OP-REQ2                            | B3 LIGHT ENDS COLUMN              |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-34418           | OP-REQ2                            | B3 LIGHT ENDS BOTTOM<br>SEPARATOR |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-34655           | OP-REQ2                            | MAA REACTOR                       |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-34E             | OP-UA4                             | B3 LOADING POINT                  |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-35E             | OP-UA4                             | B3 LOADING POINT                  |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-36              | OP-REQ2                            | SHORTSTOP TANK 22080              |                     | 1257A<br>106.261/11/01/2003<br>106.262/11/01/2003                                 |                                           |
|                    |                              | B-3-39              | OP-UA3                             | ACETONE WATER SEAL TANK<br>22100  |                     | 1257A<br>106.261/11/01/2003<br>106.262/11/01/2003                                 |                                           |
|                    |                              | B-3-4               | OP-UA3                             | B3 SLOPS TANK 34120               |                     | 1257A                                                                             |                                           |
|                    | 12                           | B-3-40              | <del>OP-UA15</del><br>OP-REQ2      | MAA WATER SEAL TANK 22119         |                     | 1257A                                                                             |                                           |
|                    | 11                           | B-3-41              | OP-REQ2                            | MAA WATER RECOVERY TANK<br>22120  |                     | 1257A                                                                             |                                           |
|                    | 10                           | B-3-42              | OP-UA3                             | MEHQ MIX TANK 22150               |                     | 1257A                                                                             |                                           |

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|--------------------|------------------------------|---------------------|------------------------------------|---------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------|
|                    | 10                           | B-3-43              | OP-UA3                             | MEHQ FEED TANK 22155            |                     | 1257A                                                                                                           |                                           |
|                    |                              | B-3-43W             | OP-UA4                             | B3 LOADING POINT                |                     | 1257A                                                                                                           |                                           |
|                    | 10                           | B-3-44              | OP-UA3                             | MAA WATER RECYCLE TANK<br>34670 |                     | 1257A                                                                                                           |                                           |
|                    |                              | B-3-47              | OP-UA12                            | B3 RACK FUGITIVES               |                     | 1257A<br>106.261/11/01/2003<br>[164537, 168470,<br>171729]<br>106.262/11/01/2003<br>[164537, 168470,<br>171729] |                                           |
|                    |                              | B-3-48              | OP-UA12                            | B3 RACK FUGITIVES               |                     | 1257A<br>106.261/11/01/2003<br>[164537, 168470,<br>171729]<br>106.262/11/01/2003<br>[164537, 168470,<br>171729] |                                           |

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| Unit/Process<br>AI | Unit/Process<br>Revision No. | Unit/Process ID No. | Unit/Process<br>Applicable<br>Form | Unit/Process Name/ Description | Unit/Process<br>CAM | Preconstruction<br>Authorizations<br>30 TAC Chapter<br>116/ 30 TAC<br>Chapter 106                               | Preconstruction<br>Authorizations Title I |
|--------------------|------------------------------|---------------------|------------------------------------|--------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------|
|                    |                              | B-3-49              | OP-UA1<br>OP-UA12                  | GMAA RACK FUGITIVES            |                     | 1257A<br>106.261/11/01/2003<br>[164537, 168470,<br>171729]<br>106.262/11/01/2003<br>[164537, 168470,<br>171729] |                                           |
|                    |                              | B-3-5               | OP-UA3                             | B3 SLOPS TANK 34125            |                     | 1257A                                                                                                           |                                           |
|                    |                              | B-3-50              | OP-UA1<br>OP-UA12                  | GMAA RACK FUGITIVES            |                     | 1257A<br>106.261/11/01/2003<br>[164537, 168470,<br>171729]<br>106.262/11/01/2003<br>[164537, 168470,<br>171729] |                                           |
|                    | 7                            | B-3-51              | OP-UA15                            | ACETONE SCRUBBER VENT          |                     | 1257A<br>106.261/11/01/2003<br>[145125]<br>106.262/11/01/2003<br>[145125]                                       |                                           |
|                    | 11                           | B-3-52              | OP-REQ2                            | WASH WATER SURGE TANK 34276    |                     | 1257A                                                                                                           |                                           |
|                    |                              | B-3-55-1            | OP-UA3                             | EAST AR TANK 34560             |                     | 1257A                                                                                                           |                                           |
|                    |                              | B-3-55-2            | OP-UA3                             | WEST AR TANK 34730             |                     | 1257A                                                                                                           |                                           |

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| Unit/Process<br>AI | Unit/Process<br>Revision No. | Unit/Process ID No. | Unit/Process<br>Applicable<br>Form | Unit/Process Name/ Description | Unit/Process<br>CAM | Preconstruction<br>Authorizations<br>30 TAC Chapter<br>116/ 30 TAC<br>Chapter 106 | Preconstruction<br>Authorizations Title I |
|--------------------|------------------------------|---------------------|------------------------------------|--------------------------------|---------------------|-----------------------------------------------------------------------------------|-------------------------------------------|
|                    |                              | B-3-56-1            | OP-UA3                             | ACH DOCK TANK 96609            |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-56-2            | OP-UA3                             | ACH DOCK TANK 96658            |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-57-1            | OP-UA3                             | TANK 96616                     |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-57-2            | OP-UA3                             | SCMMA DOCK TANK 96623          |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-58-1            | OP-UA3                             | CRUDE MAA TANK 22002           |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-58-2            | OP-UA3                             | CRUDE MAA TANK 22003           |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-59-1            | OP-UA3                             | GMAA RUNDOWN TANK 22060        |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-59-2            | OP-UA3                             | GMAA RUNDOWN TANK 22065        |                     | 1257A                                                                             |                                           |
|                    | 10                           | B-3-60-1            | OP-UA3                             | GMAA PRODUCT TANK 22070        |                     | 1257A<br>106.261/11/01/2003<br>106.262/11/01/2003                                 |                                           |
|                    | 10                           | B-3-60-2            | OP-UA3                             | GMAA PRODUCT TANK 22075        |                     | 1257A<br>106.261/11/01/2003<br>106.262/11/01/2003                                 |                                           |
|                    |                              | B-3-61              | OP-UA15                            | PTZ SLURRY POT 34334           |                     | 1257A<br>106.261/11/01/2003<br>106.262/11/01/2003                                 |                                           |

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|--------------------|------------------------------|---------------------|------------------------------------|----------------------------------------|---------------------|-----------------------------------------------------------------------------------|-------------------------------------------|
|                    |                              | B-3-7               | OP-UA3                             | 2.6% AAPPD MIX TANK 34290              |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-8               | OP-UA3                             | 2.6% AAPPD FEED TANK 34291             |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-9               | OP-UA3                             | 21% AAPPD MIX TANK 34326               |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-BAY4TL          | OP-UA4                             | B3 TRUCKLOADING                        |                     | 1257A                                                                             |                                           |
|                    |                              | B-3-DEGR            | OP-REQ2                            | B3 UNIT DEGREASER                      |                     | <del>1257A</del><br>106.454/09/04/2000                                            |                                           |
|                    | 5                            | B3-SUB5             | OP-UA2                             | EMERGENCY GENERATOR (SUB<br>5)         |                     | 106.511/09/04/2000                                                                |                                           |
|                    | 5                            | B3-SUB21            | OP-UA2                             | EMERGENCY GENERATOR (SUB<br>21)        |                     | 106.511/09/04/2000                                                                |                                           |
|                    |                              | B-4-2               | OP-REQ2                            | ORGANIC DRAIN COLLECTION<br>TANK 22125 |                     | 1257A                                                                             |                                           |
|                    |                              | B-4-4               | OP-UA3                             | 21% AAPPD FEED TANK 33327              |                     | 106.261/11/01/2003<br>106.262/11/01/2003                                          |                                           |
|                    |                              | B-4-5               | OP-UA3                             | PTZ FEED TANK 33336                    |                     | 106.261/11/01/2003<br>106.262/11/01/2003                                          |                                           |

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| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No.   | Unit/Process Applicable Form | Unit/Process Name/ Description                 | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106     | Preconstruction Authorizations Title I |
|-----------------|---------------------------|-----------------------|------------------------------|------------------------------------------------|------------------|---------------------------------------------------------------------------|----------------------------------------|
|                 |                           | B-4-9                 | OP-UA1<br>OP-UA12            | B4 RACK FUGITIVES                              |                  | 1257A<br>106.261/11/01/2003<br>[168470]<br>106.262/11/01/2003<br>[168470] |                                        |
|                 |                           | CT B-3                | OP-REQ2                      | B3 COOLING TOWER                               |                  | 1257A<br><b>106.371/09/04/2000</b>                                        |                                        |
|                 |                           | HR-21                 | OP-UA3                       | NORTH HT RESIDUE TANK 35664                    |                  | 1257A                                                                     |                                        |
|                 |                           | HR-22                 | OP-UA3                       | SOUTH HT RESIDUE TANK 38301                    |                  | 1257A                                                                     |                                        |
|                 |                           | HR-601                | OP-REQ2                      | COOLING TOWER                                  |                  | 751                                                                       | PSDTX987                               |
|                 | 14                        | HR-8                  | OP-UA15                      | DAVY STACK                                     |                  | 751                                                                       | PSDTX987                               |
|                 |                           | HR-FUG                | OP-REQ2                      | HR AREA FUGITIVES                              |                  | 751                                                                       | PSDTX987                               |
|                 |                           | HTRES-FUG             | OP-UA12                      | HT RESIDUE FUGITIVES                           |                  | 106.261/11/01/2003<br>[164537]<br>106.262/11/01/2003<br>[164537]          |                                        |
| D               | 15                        | <del>MAA_VENT</del>   | <del>OP-UA15</del>           | <del>MAA PROCESS VENTS TO CONTROL DEVICE</del> |                  | <del>1257A</del>                                                          |                                        |
| D               | 15                        | <del>MMA_VENT A</del> | <del>OP-UA15</del>           | <del>MMA PROCESS VENTS TO CONTROL DEVICE</del> |                  | <del>1257A</del>                                                          |                                        |

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| Unit/Process<br>AI | Unit/Process<br>Revision No. | Unit/Process ID No.   | Unit/Process<br>Applicable<br>Form | Unit/Process Name/ Description                         | Unit/Process<br>CAM | Preconstruction<br>Authorizations<br>30 TAC Chapter<br>116/ 30 TAC<br>Chapter 106 | Preconstruction<br>Authorizations Title I |
|--------------------|------------------------------|-----------------------|------------------------------------|--------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------|-------------------------------------------|
| D                  | 15                           | <del>MMA_VENT B</del> | <del>OP-UA3</del>                  | <del>MMA PROCESS VENTS TO<br/>CONTROL DEV/BYPASS</del> |                     | 1257A                                                                             |                                           |
|                    |                              | PRO-HR-1              | OP-UA43                            | HR-1 PROCESS                                           |                     | 751                                                                               | PSDTX987                                  |
|                    |                              | PRO-HR-2              | OP-UA43                            | HR-2 PROCESS                                           |                     | 751                                                                               | PSDTX987                                  |
|                    |                              | PRO-HR-3              | OP-UA43                            | HR-3 PROCESS                                           |                     | 751                                                                               | PSDTX987                                  |
|                    |                              | PRO_B3/B4MMA          | OP-UA60                            | B3/B4 MMA HON PROCESS                                  |                     | 1257A<br><b>106.263/11/01/2001</b>                                                |                                           |
|                    | 16                           | PRO_B3MAA/GMAA        | OP-UA60                            | B3 MAA/GMAA MON PROCESS                                |                     | 1257A<br><b>106.263/11/01/2001</b>                                                |                                           |

**Texas Commission on Environmental Quality  
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| Revision No. | ID No.   | Applicable Form         | Group AI | Group ID No. |
|--------------|----------|-------------------------|----------|--------------|
| 13           | 35-HR-11 | OP-UA1<br><b>OP-UA5</b> |          | GRP-HRPRHT   |
|              | 35-HR-5  | OP-UA1                  |          | GRP-HRHT2    |
| 13           | 36-HR-11 | OP-UA1<br><b>OP-UA5</b> |          | GRP-HRPRHT   |
|              | 36-HR-5  | OP-UA1                  |          | GRP-HRHT2    |
| 13           | 38-HR-11 | OP-UA1<br><b>OP-UA5</b> |          | GRP-HRPRHT   |
|              | 38-HR-5  | OP-UA1                  |          | GRP-HRHT2    |
| 2            | B-3-47   | OP-UA12                 |          | GRP-MMAFUG   |
| 2            | B-3-48   | OP-UA12                 |          | GRP-MMAFUG   |
| 2            | B-3-49   | OP-UA1                  |          | GRP-MAAFUG   |
| 2            | B-3-50   | OP-UA1                  |          | GRP-MAAFUG   |

## **Section C – Unit Attribute Forms**

**Form OP-UA1**

**Form OP-UA2**

**Form OP-UA4**

**Form OP-UA5**

**Form OP-UA7**

**Form OP-UA12**

**Form OP-UA15**

**Form OP-UA43**

**Form OP-UA60**

**Texas Commission on Environmental Quality  
Miscellaneous Unit Attributes  
Form OP-UA1 (Page1)  
Federal Operating Permit Program**

|                              |                  |
|------------------------------|------------------|
| <b>Date:</b>                 | February 3, 2025 |
| <b>Permit No.:</b>           | O1583            |
| <b>Regulated Entity No.:</b> | RN100223205      |

| Unit ID No. | SOP/GOP Index No. | Unit Type | Date Constructed/Placed in Service | Functionally Identical Replacement | Maximum Rated Capacity | Technical Information and Unit Description                                                                     |
|-------------|-------------------|-----------|------------------------------------|------------------------------------|------------------------|----------------------------------------------------------------------------------------------------------------|
| GRP-HRPRHT  | 63DDDDD-01        |           |                                    |                                    |                        | Please add 40 CFR Part 63, Subpart DDDDD (Boiler MACT) general high level applicability                        |
| GRP-MAAFUG  | 63FFFF-01         |           |                                    |                                    |                        | Please add 40 CFR Part 63, Subpart FFFF (MON) general high level applicability <b>low level applicability.</b> |

**Stationary Reciprocating Internal Combustion Engine Attributes**  
**Form OP-UA2 (Page 1)**  
**Federal Operating Permit Program**

**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**  
**Texas Commission on Environmental Quality**

| Date             | Permit No. | Regulated Entity No. |
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| Unit ID No. | SOP/GOP Index No. | Horsepower Rating | RACT Date Placed in Service | Functionally Identical Replacement | Type of Service | Fuel Fired | Engine Type | ESAD Date Placed in Service | Diesel HP Rating |
|-------------|-------------------|-------------------|-----------------------------|------------------------------------|-----------------|------------|-------------|-----------------------------|------------------|
| B3-SUB5     | R7ICI-01          |                   |                             |                                    | EMERG           | DSL        |             |                             |                  |
| B3-SUB21    | R7ICI-01          |                   |                             |                                    | EMERG           | DSL        |             |                             |                  |

**Stationary Reciprocating Internal Combustion Engine Attributes**  
**Form OP-UA2 (Page 4)**  
**Federal Operating Permit Program**

**Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**  
**Texas Commission on Environmental Quality**

| Date             | Permit No. | Regulated Entity No. |
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| Unit ID No. | SOP/GOP Index No. | HAP Source | Brake HP | Construction/<br>Reconstruction<br>Date | Nonindustrial<br>Emergency<br>Engine | Service Type | Stationary RICE<br>Type |
|-------------|-------------------|------------|----------|-----------------------------------------|--------------------------------------|--------------|-------------------------|
| B3-SUB21    | 63ZZZZ-01         | MAJOR      | 300-500  | 02-                                     |                                      | EMER-A       | CI                      |

**Storage Tank/Vessel Attributes  
Form OP-UA3 (Page 4)  
Federal Operating Permit Program**

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

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|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Unit ID No. | SOP/GOP Index No. | Alternate Control Requirement | ACR ID No. | Product Stored | Storage Capacity | Throughput | Potential to Emit | Uncontrolled Emissions |
|-------------|-------------------|-------------------------------|------------|----------------|------------------|------------|-------------------|------------------------|
| 33140       | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |
| 33184       | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |
| 33429       | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |
| 34175       | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |
| 34176       | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |
| 34195       | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |
| 34526       | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |
| B-3-11      | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |
| B-3-12      | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |
| B-3-13      | R5112-01          | NONE                          |            | VOC1           | A25K-40K         |            |                   |                        |
| B-3-14      | R5112-01          | NONE                          |            | VOC1           | A25K-40K         |            |                   |                        |
| B-3-15      | R5112-01          | NONE                          |            | VOC1           | A25K-40K         |            |                   |                        |
| B-3-16      | R5112-01          | NONE                          |            | VOC1           | A25K-40K         |            |                   |                        |

**Storage Tank/Vessel Attributes  
Form OP-UA3 (Page 4)  
Federal Operating Permit Program**

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

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Unit ID No. | SOP/GOP Index No. | Alternate Control Requirement | ACR ID No. | Product Stored | Storage Capacity | Throughput | Potential to Emit | Uncontrolled Emissions |
|-------------|-------------------|-------------------------------|------------|----------------|------------------|------------|-------------------|------------------------|
| B-3-18      | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |
| B-3-19      | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |
| B-3-20      | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |
| B-3-22      | R5112-01          | NONE                          |            | VOC1           | A40K+            |            |                   |                        |
| B-3-3       | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |
| B-3-42      | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |
| B-3-43      | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |
| B-3-44      | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |
| B-3-4       | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |
| B-3-55-1    | R5112-01          | NONE                          |            | VOC1           | A40K+            |            |                   |                        |
| B-3-55-2    | R5112-01          | NONE                          |            | VOC1           | A40K+            |            |                   |                        |
| B-3-56-1    | R5112-01          | NONE                          |            | VOC1           | A40K+            |            |                   |                        |
| B-3-56-2    | R5112-01          | NONE                          |            | VOC1           | A40K+            |            |                   |                        |

**Storage Tank/Vessel Attributes  
Form OP-UA3 (Page 4)  
Federal Operating Permit Program**

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

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Unit ID No. | SOP/GOP Index No. | Alternate Control Requirement | ACR ID No. | Product Stored | Storage Capacity | Throughput | Potential to Emit | Uncontrolled Emissions |
|-------------|-------------------|-------------------------------|------------|----------------|------------------|------------|-------------------|------------------------|
| B-3-57-1    | R5112-01          | NONE                          |            | VOC1           | A40K+            |            |                   |                        |
| B-3-57-2    | R5112-01          | NONE                          |            | VOC1           | A40K+            |            |                   |                        |
| B-3-58-1    | R5112-01          | NONE                          |            | VOC1           | A25K-40K         |            |                   |                        |
| B-3-58-2    | R5112-01          | NONE                          |            | VOC1           | A25K-40K         |            |                   |                        |
| B-3-59-1    | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |
| B-3-59-2    | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |
| B-3-5       | R5112-01          | NONE                          |            | VOC1           | A25K-40K         |            |                   |                        |
| B-3-60-1    | R5112-01          | NONE                          |            | VOC1           | A40K+            |            |                   |                        |
| B-3-60-2    | R5112-01          | NONE                          |            | VOC1           | A40K+            |            |                   |                        |
| B-3-7       | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |
| B-3-8       | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |
| B-3-9       | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |
| B-4-4       | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |

**Storage Tank/Vessel Attributes  
Form OP-UA3 (Page 4)  
Federal Operating Permit Program**

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

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Unit ID No. | SOP/GOP Index No. | Alternate Control Requirement | ACR ID No. | Product Stored | Storage Capacity | Throughput | Potential to Emit | Uncontrolled Emissions |
|-------------|-------------------|-------------------------------|------------|----------------|------------------|------------|-------------------|------------------------|
| B-4-5       | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |
| HR-21       | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |
| HR-22       | R5112-01          | NONE                          |            | VOC1           | A1K-25K          |            |                   |                        |

**Storage Tank/Vessel Attributes  
Form OP-UA3 (Page 5)  
Federal Operating Permit Program**

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

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| 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. |
|-------------|-------------------|-------------------|------------------|---------------------|--------------|----------------|---------------------|-----------------------|
| 33140       | R5112-01          |                   | NONE1            | 1-                  |              |                |                     |                       |
| 33184       | R5112-01          |                   | NONE1            | 1-                  |              |                |                     |                       |
| 33429       | R5112-01          |                   | NONE1            | 1-                  |              |                |                     |                       |
| 34175       | R5112-01          |                   | NONE1            | 1-                  |              |                |                     |                       |
| 34176       | R5112-01          |                   | NONE1            | 1-                  |              |                |                     |                       |
| 34195       | R5112-01          |                   | NONE1            | 1-1.5               |              |                |                     |                       |
| 34526       | R5112-01          |                   | NONE1            | 1-                  |              |                |                     |                       |
| B-3-11      | R5112-01          |                   | SFP1             | 1.5+A               |              |                |                     |                       |
| B-3-12      | R5112-01          |                   | SFP1             | 1.5+A               |              |                |                     |                       |
| B-3-13      | R5112-01          |                   | VRS1             | 1.5+A               |              |                | FLARE               | B-3-1                 |
| B-3-14      | R5112-01          |                   | NONE1            | 1-1.5               |              |                |                     |                       |
| B-3-15      | R5112-01          |                   | VRS1             | 1.5+A               |              |                | FLARE               | B-3-1                 |
| B-3-16      | R5112-01          |                   | NONE1            | 1-1.5               |              |                |                     |                       |

**Storage Tank/Vessel Attributes  
Form OP-UA3 (Page 5)  
Federal Operating Permit Program**

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

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| 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. |
|-------------|-------------------|-------------------|------------------|---------------------|--------------|----------------|---------------------|-----------------------|
| B-3-18      | R5112-01          |                   | SFP1             | 1.5+A               |              |                |                     |                       |
| B-3-19      | R5112-01          |                   | SFP1             | 1.5+A               |              |                |                     |                       |
| B-3-20      | R5112-01          |                   | SFP1             | 1.5+A               |              |                |                     |                       |
| B-3-22      | R5112-01          |                   | IFR1             | 1.5+A               |              |                |                     |                       |
| B-3-3       | R5112-01          |                   | SFP1             | 1.5+A               |              |                |                     |                       |
| B-3-42      | R5112-01          |                   | NONE1            | 1-1.5               |              |                |                     |                       |
| B-3-43      | R5112-01          |                   | NONE1            | 1-1.5               |              |                |                     |                       |
| B-3-44      | R5112-01          |                   | NONE1            | 1-1.5               |              |                |                     |                       |
| B-3-4       | R5112-01          |                   | NONE1            | 1-1.5               |              |                |                     |                       |
| B-3-55-1    | R5112-01          |                   | NONE1            | 1-                  |              |                |                     |                       |
| B-3-55-2    | R5112-01          |                   | NONE1            | 1-                  |              |                |                     |                       |
| B-3-56-1    | R5112-01          |                   | NONE1            | 1-                  |              |                |                     |                       |
| B-3-56-2    | R5112-01          |                   | NONE1            | 1-                  |              |                |                     |                       |

**Storage Tank/Vessel Attributes  
Form OP-UA3 (Page 5)  
Federal Operating Permit Program**

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

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| 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. |
|-------------|-------------------|-------------------|------------------|---------------------|--------------|----------------|---------------------|-----------------------|
| B-3-57-1    | R5112-01          |                   | NONE1            | 1-                  |              |                |                     |                       |
| B-3-57-2    | R5112-01          |                   | NONE1            | 1-1.5               |              |                |                     |                       |
| B-3-58-1    | R5112-01          |                   | NONE1            | 1-                  |              |                |                     |                       |
| B-3-58-2    | R5112-01          |                   | NONE1            | 1-                  |              |                |                     |                       |
| B-3-59-1    | R5112-01          |                   | NONE1            | 1-                  |              |                |                     |                       |
| B-3-59-2    | R5112-01          |                   | NONE1            | 1-                  |              |                |                     |                       |
| B-3-5       | R5112-01          |                   | NONE1            | 1-                  |              |                |                     |                       |
| B-3-60-1    | R5112-01          |                   | NONE1            | 1-                  |              |                |                     |                       |
| B-3-60-2    | R5112-01          |                   | NONE1            | 1-                  |              |                |                     |                       |
| B-3-7       | R5112-01          |                   | SFP1             | 1.5+A               |              |                |                     |                       |
| B-3-8       | R5112-01          |                   | SFP1             | 1.5+A               |              |                |                     |                       |
| B-3-9       | R5112-01          |                   | SFP1             | 1.5+A               |              |                |                     |                       |
| B-4-4       | R5112-01          |                   | SFP1             | 1.5+A               |              |                |                     |                       |

**Storage Tank/Vessel Attributes  
Form OP-UA3 (Page 5)  
Federal Operating Permit Program**

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

| <b>Date</b>      | <b>Permit No.</b> | <b>Regulated Entity No.</b> |
|------------------|-------------------|-----------------------------|
| February 3, 2025 | O1583             | RN100223205                 |

| <b>Unit ID No.</b> | <b>SOP/GOP Index No.</b> | <b>Construction Date</b> | <b>Tank Description</b> | <b>True Vapor Pressure</b> | <b>Primary Seal</b> | <b>Secondary Seal</b> | <b>Control Device Type</b> | <b>Control Device ID No.</b> |
|--------------------|--------------------------|--------------------------|-------------------------|----------------------------|---------------------|-----------------------|----------------------------|------------------------------|
| B-4-5              | R5112-01                 |                          | SFP1                    | 1.5+A                      |                     |                       |                            |                              |
| HR-21              | R5112-01                 |                          | NONE1                   | 1-1.5                      |                     |                       |                            |                              |
| HR-22              | R5112-01                 |                          | NONE1                   | 1-1.5                      |                     |                       |                            |                              |

**Storage Tank/Vessel Attributes  
Form OP-UA3 (Page 13)  
Federal Operating Permit Program**

**Table 9a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)  
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Storage Vessels  
Texas Commission on Environmental Quality**

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Unit ID No. | SOP Index No. | MACT Subpart F/G Applicability | NESHAP Subpart Y Applicability | NSPS Subpart Kb Applicability | Maximum TVP | Emission Control Type | AMOC ID No. |
|-------------|---------------|--------------------------------|--------------------------------|-------------------------------|-------------|-----------------------|-------------|
| B-3-22      | 63G-01        | YES                            | NO                             |                               | 11.11-      | IFR                   |             |
| B-3-4       | 63G-01        | NO                             | NO                             | NO                            |             |                       |             |
| B-3-55-1    | 63G-01        | NO                             | NO                             | NO                            |             |                       |             |
| B-3-55-2    | 63G-01        | NO                             | NO                             | NO                            |             |                       |             |
| B-3-57-1    | 63G-01        | YES                            | NO                             |                               | 11.11-      | IFR                   |             |
| B-3-57-2    | 63G-01        | YES                            | NO                             |                               | 11.11-      | IFR                   |             |
| B-3-5       | 63G-01        | NO                             | NO                             | NO                            |             |                       |             |

**Storage Tank/Vessel Attributes  
Form OP-UA3 (Page 14)  
Federal Operating Permit Program**

**Table 9b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)  
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Storage Vessels  
Texas Commission on Environmental Quality**

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Unit ID No. | SOP Index No. | Seal Type | Closed Vent System | Hard Piping | Bypass Lines | Control Device Type | Control Device ID No. | Control Device Design | Design Evaluation Submitted |
|-------------|---------------|-----------|--------------------|-------------|--------------|---------------------|-----------------------|-----------------------|-----------------------------|
| B-3-22      | 63G-01        | IFR-MET   |                    |             |              |                     |                       |                       |                             |
| B-3-57-1    | 63G-01        | IFR-MET   |                    |             |              |                     |                       |                       |                             |
| B-3-57-2    | 63G-01        | IFR-MET   |                    |             |              |                     |                       |                       |                             |

**Loading/Unloading Operations Attributes**  
**Form OP-UA4 (Page 1)**  
**Federal Operating Permit Program**

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

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| 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 |
|-------------|-------------------|---------------------------|-------------------------------------|------------|---------------------|---------------|---------------------|-------------------|-----------------|
| B-3-34E     | R5211-01          | OTHER                     | NONE                                |            | VOC1                | BOTH          | 0.5-                |                   |                 |
| B-3-34E     | R5211-02          | OTHER                     | 213B                                |            | VOC1                | BOTH          | 0.5-11S             | NCE2              | CON             |
| B-3-35E     | R5211-01          | OTHER                     | 213B                                |            | VOC1                | BOTH          | 0.5-11S             | NCE2              | CON             |
| B-3-35E     | R5211-02          | OTHER                     | 213B                                |            | VOC1                | BOTH          | 0.5-11S             | NCE2              | CON             |
| B3-43W      | R5211-01          | OTHER                     | NONE                                |            | VOC1                | BOTH          | 0.5-                |                   |                 |
| B-3-BAY4TL  | R5211-01          | OTHER                     | NONE                                |            | VOC1                | BOTH          | 0.5-                |                   |                 |

**Loading/Unloading Operations Attributes  
Form OP-UA4 (Page 2)  
Federal Operating Permit Program**

**Table 1b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter C: Loading and Unloading of Volatile Organic Compounds  
Texas Commission on Environmental Quality**

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Unit ID No. | SOP Index No. | Chapter 115<br>Control Device<br>Type | Chapter 115<br>Control Device<br>ID No. | Vapor-Tight | Vapor Space<br>Holding Tank | Marine Terminal<br>Exemptions | VOC Flash Point | Uncontrolled<br>VOC Emissions |
|-------------|---------------|---------------------------------------|-----------------------------------------|-------------|-----------------------------|-------------------------------|-----------------|-------------------------------|
| B-3-34E     | R5211-02      | OTHER                                 | GRP-HTTO                                | YES         |                             |                               |                 |                               |
| B-3-35E     | R5211-01      | FLARE                                 | HT-4<br>(O2236)                         | YES         |                             |                               |                 |                               |
| B-3-35E     | R5211-02      | OTHER                                 | GRP-HTTO                                | YES         |                             |                               |                 |                               |

**Loading/Unloading Operations Attributes  
Form OP-UA4 (Page 9)  
Federal Operating Permit Program**

**Table 7a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)  
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Transfer Operations  
Texas Commission on Environmental Quality**

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Unit ID No. | SOP Index No. | Transfer Rack Type | Subject to Subpart BB | Compliance Options | Closed Vent System | Hard Piping |
|-------------|---------------|--------------------|-----------------------|--------------------|--------------------|-------------|
| B-3-34E     | 63G-01        | GRP1               |                       |                    | SUBPTH             |             |
| B-3-34E     | 63G-02        | GRP1               |                       |                    | SUBPTH             |             |
| B-3-35E     | 63G-01        | GRP1               |                       |                    | SUBPTH             |             |
| B-3-35E     | 63G-02        | GRP1               |                       |                    | SUBPTH             |             |

**Loading/Unloading Operations Attributes  
Form OP-UA4 (Page 11)  
Federal Operating Permit Program**

**Table 7c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)  
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Transfer Operations  
Texas Commission on Environmental Quality**

| <b>Date</b>      | <b>Permit No.</b> | <b>Regulated Entity No.</b> |
|------------------|-------------------|-----------------------------|
| February 3, 2025 | O1583             | RN100223205                 |

| <b>Unit ID No.</b> | <b>SOP Index No.</b> | <b>Vapor Balancing System</b> | <b>Emissions Routing</b> | <b>Bypass Lines</b> | <b>Flow Indicator</b> |
|--------------------|----------------------|-------------------------------|--------------------------|---------------------|-----------------------|
| B-3-34E            | 63G-01               | NO                            | NO                       | YES                 | YES                   |
| B-3-34E            | 63G-02               | NO                            | NO                       | YES                 | YES                   |
| B-3-35E            | 63G-01               | NO                            | NO                       | YES                 | YES                   |
| B-3-35E            | 63G-02               | NO                            | NO                       | YES                 | YES                   |

**Loading/Unloading Operations Attributes  
Form OP-UA4 (Page 12)  
Federal Operating Permit Program**

**Table 7d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)  
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Transfer Operations  
Texas Commission on Environmental Quality**

| <b>Date</b>      | <b>Permit No.</b> | <b>Regulated Entity No.</b> |
|------------------|-------------------|-----------------------------|
| February 3, 2025 | O1583             | RN100223205                 |

| <b>Unit ID No.</b> | <b>SOP Index No.</b> | <b>Halogenated Emissions</b> | <b>Combustion Device</b> | <b>Emission Rate</b> | <b>Installation Date</b> | <b>Scrubber</b> | <b>Scrubber ID No.</b> |
|--------------------|----------------------|------------------------------|--------------------------|----------------------|--------------------------|-----------------|------------------------|
| B-3-34E            | 63G-01               | NO                           |                          |                      |                          |                 |                        |
| B-3-34E            | 63G-02               | NO                           |                          |                      |                          |                 |                        |
| B-3-35E            | 63G-01               | NO                           |                          |                      |                          |                 |                        |
| B-3-35E            | 63G-02               | NO                           |                          |                      |                          |                 |                        |

**Loading/Unloading Operations Attributes  
Form OP-UA4 (Page 13)  
Federal Operating Permit Program**

**Table 7e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)  
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Transfer Operations  
Texas Commission on Environmental Quality**

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Unit ID No. | SOP Index No. | Control Device | Control Device ID No. | Title 40 CFR § 63.128(h) Option | Other Emissions | Enclosed Combustion Device | Thermal Incinerator |
|-------------|---------------|----------------|-----------------------|---------------------------------|-----------------|----------------------------|---------------------|
| B-3-34E     | 63G-01        | FLARE          | HT-4 (O2236)          |                                 |                 |                            |                     |
| B-3-34E     | 63G-02        | INCIN          | GRP-HTTO              | NO                              |                 |                            |                     |
| B-3-35E     | 63G-01        | FLARE          | HT-4 (O2236)          |                                 |                 |                            |                     |
| B-3-35E     | 63G-02        | INCIN          | GRP-HTTO              | NO                              |                 |                            |                     |

**Loading/Unloading Operations Attributes  
Form OP-UA4 (Page 14)  
Federal Operating Permit Program**

**Table 7f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)  
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Transfer Operations  
Texas Commission on Environmental Quality**

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Unit ID No. | SOP Index No. | Alternate<br>Parameter<br>Monitoring (APM) | APM ID No. | Performance Test<br>Exemption | Shared Control<br>Device | Multiple Arms | Intermittent |
|-------------|---------------|--------------------------------------------|------------|-------------------------------|--------------------------|---------------|--------------|
| B-3-34E     | 63G-02        | NO                                         |            | NONE                          | YES                      | YES           |              |
| B-3-35E     | 63G-02        | NO                                         |            | NONE                          | YES                      | YES           |              |

**Process Heater/Furnace Attributes  
Form OP-UA5 (Page 1)  
Federal Operating Permit Program**

**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  
Texas Commission on Environmental Quality**

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Unit ID No. | SOP/GOP Index No. | Unit Type | Maximum Rated Capacity | RACT Date Placed in Service | Functionally Identical Replacement | Fuel Type(s) |  |  | Annual Heat Input | NOx Emission Limitation | Opt-In Unit | 23C-Option |
|-------------|-------------------|-----------|------------------------|-----------------------------|------------------------------------|--------------|--|--|-------------------|-------------------------|-------------|------------|
| GRP-HRHT2   | R7ICI-01          | PRHTR     | 40-100                 |                             |                                    | GS           |  |  | 28+               | 310D                    |             |            |

**Process Heater/Furnace Attributes  
Form OP-UA5 (Page 2)  
Federal Operating Permit Program**

**Table 1b: Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 117)  
Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas, Process Heaters  
Texas Commission on Environmental Quality**

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| 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 |
|-------------|-------------------|--------------|--------------------------|--------------------------|---------------|-----------------------|----------------------|-----------------------|
| GRP-HRHT2   | R7ICI-01          | NO           |                          | OTHER                    | NONE          |                       |                      | MERT                  |

**Process Heater/Furnace Attributes  
Form OP-UA5 (Page 3)  
Federal Operating Permit Program**

**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  
Texas Commission on Environmental Quality**

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Unit ID No. | SOP/GOP Index No. | Fuel Flow Monitoring | CO Emission Limitation | CO Monitoring System | NH3 Emission Limitation | NH3 Monitoring |
|-------------|-------------------|----------------------|------------------------|----------------------|-------------------------|----------------|
| GRP-HRHT2   | R7ICI-01          | X40A                 | 310C                   | OTHER                |                         |                |

**Process Heater/Furnace Attributes  
Form OP-UA5 (Page 10)  
Federal Operating Permit Program**

**Table 6a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)  
Subchapter DDDDD: Industrial, Commercial, and Institutional Process Heaters  
Texas Commission on Environmental Quality**

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Unit ID No.       | SOP/GOP Index No. | Commence     | Table Applicability | HCl Emission | HCl-CMS |
|-------------------|-------------------|--------------|---------------------|--------------|---------|
| <i>GRP-HRPRHT</i> | <i>63DDDDD-01</i> | <i>EXIST</i> | <i>T3.3G1</i>       |              |         |

**Texas Commission on Environmental Quality**  
**Flare Attributes**  
**Form OP-UA7 (Page 1)**  
**Federal Operating Permit Program**

**Table 1: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)**  
**Control of Air Pollution from Visible Emissions and Particulate Matter**

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Unit ID No. | SOP/GOP Index No | Acid Gases Only | Emergency/Upset<br>Conditions Only | Alternate Opacity<br>Limitation (AOL) | AOL ID No. | Construction Date |
|-------------|------------------|-----------------|------------------------------------|---------------------------------------|------------|-------------------|
| B-3-1       | R1111-01         | NO              | NO                                 |                                       |            |                   |

**Texas Commission on Environmental Quality  
Flare Attributes  
Form OP-UA7 (Page 4)  
Federal Operating Permit Program**

**Table 4: Title 40 Code of Federal Regulations Part 63  
Subpart A: General Provisions of National Emission Standards for Hazardous Air Pollutants for Source Categories**

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Unit ID No. | SOP/GOP Index No. | Required Under<br>40 CFR Part 63 | Heat Content<br>Specification | Flare Assist Type | Flare Exit Velocity | Heating Value of Gas |
|-------------|-------------------|----------------------------------|-------------------------------|-------------------|---------------------|----------------------|
| B-3-1       | 63A-01            | YES                              | YES                           | NONE              | 60-                 |                      |

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 11)  
Federal Operating Permit Program**

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

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

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

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 70)  
Federal Operating Permit Program**

**Table 9a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)  
Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks  
Texas Commission on Environmental Quality**

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Unit ID No. | SOP Index No. | Equipment Type | Non Research and Development/Batch Processes | Vacuum Service | Less Than 300 Operating Hours | Heavy Liquid Service | AMEL |
|-------------|---------------|----------------|----------------------------------------------|----------------|-------------------------------|----------------------|------|
| GRP-MAAFUG  | 63H-ALL       |                |                                              |                |                               |                      |      |
| GRP-MMAFUG  | 63H-ALL       |                |                                              |                |                               |                      |      |
| HTRES-FUG   | 63H-ALL       |                |                                              |                |                               |                      |      |

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 1)**  
**Federal Operating Permit Program**

**Table 1a: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)**  
**Subchapter A: Visible Emissions**  
**Texas Commission on Environmental Quality**

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Emission Point ID No. | SOP/GOP Index No. | Alternate Opacity Limitation | AOL ID No. | Vent Source | Opacity Monitoring System | Construction Date | Effluent Flow Rate |
|-----------------------|-------------------|------------------------------|------------|-------------|---------------------------|-------------------|--------------------|
| HR-8                  | R1111-01          | NO                           |            | OTHER       | NONE                      | 72+               | 100+               |

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

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

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Emission Point ID No. | SOP/GOP Index No. | Chapter 115 Division | Combustion Exhaust | Vent Type       | Total Uncontrolled VOC Weight | Combined 24-Hour VOC Weight | VOC Concentration | VOC Concentration or Emission Rate at Maximum Operating Conditions |
|-----------------------|-------------------|----------------------|--------------------|-----------------|-------------------------------|-----------------------------|-------------------|--------------------------------------------------------------------|
| <i>B-3-1</i>          | <i>R5121-01</i>   | <i>NO</i>            | <i>NO</i>          | <i>DISTOPER</i> |                               |                             |                   |                                                                    |
| <i>B-3-40</i>         | <i>R5121-01</i>   | <i>NO</i>            | <i>NO</i>          | <i>REGVAPPL</i> |                               | <i>100-</i>                 |                   | <i>YES</i>                                                         |
| B-3-51                | R5121-01          | NO                   | NO                 | DISTOPER        |                               |                             |                   |                                                                    |
| B-3-61                | R5121-01          | NO                   | NO                 | REGVAPPL        |                               | 100-                        |                   | YES                                                                |
| <i>HR-8</i>           | <i>R5121-01</i>   | <i>NO</i>            | <i>NO</i>          | <i>DISTOPER</i> |                               |                             |                   |                                                                    |

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 4)**  
**Federal Operating Permit Program**

**Table 2b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter B: Vent Gas Control**  
**Texas Commission on Environmental Quality**

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Emission Point ID No. | SOP Index No.   | Alternate Control Requirement | ACR ID No. | Control Device Type | Control Device ID No. |
|-----------------------|-----------------|-------------------------------|------------|---------------------|-----------------------|
| <i>B-3-1</i>          | <i>R5121-01</i> | <i>NONE</i>                   |            | <i>FLARE</i>        | <i>B-3-1</i>          |
| B-3-51                | R5121-01        | NONE                          |            | DIRFLM              | HR-8                  |
| <i>HR-8</i>           | <i>R5121-01</i> | <i>NONE</i>                   |            | <i>DIRFLM</i>       | <i>HR-8</i>           |

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 5)**  
**Federal Operating Permit Program**

**Table 2c: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter B: Vent Gas Control**  
**Texas Commission on Environmental Quality**

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Emission Point ID No. | SOP Index No.   | Total Design Capacity | Flow Rate/Concentration | 40 CFR Part 60,<br>Subpart NNN<br>Requirements | 40 CFR Part 60,<br>Subpart RRR<br>Requirements |
|-----------------------|-----------------|-----------------------|-------------------------|------------------------------------------------|------------------------------------------------|
| <i>B-3-1</i>          | <i>R5121-01</i> | <i>1100+</i>          | <i>500+</i>             | <i>NO</i>                                      | <i>NO</i>                                      |
| B-3-51                | R5121-01        | 1100+                 | 500+                    | NO                                             | NO                                             |
| <i>HR-8</i>           | <i>R5121-01</i> | <i>1100+</i>          | <i>500+</i>             | <i>NO</i>                                      | <i>NO</i>                                      |

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 13)**  
**Federal Operating Permit Program**

**Table 6a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart G: National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic Organic Chemical Manufacturing Industry for Process Vents**  
**Texas Commission on Environmental Quality**

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Emission Point ID No. | SOP Index No. | Overlap     | Group 1    | Regulation | HAP Concentration | Flow Rate | Electing Control | NSPS TRE Index Value | MACT TRE Index Value | Plant Type |
|-----------------------|---------------|-------------|------------|------------|-------------------|-----------|------------------|----------------------|----------------------|------------|
| <i>B-3-1</i>          | <i>63G-01</i> | <i>NONE</i> | <i>YES</i> |            |                   |           |                  |                      |                      |            |
| <i>HR-8</i>           | <i>63G-01</i> | <i>NONE</i> | <i>YES</i> |            |                   |           |                  |                      |                      |            |

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 14)**  
**Federal Operating Permit Program**

**Table 6b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart G: National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic Organic Chemical Manufacturing Industry for Process Vents**  
**Texas Commission on Environmental Quality**

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Emission Point ID No. | SOP Index No. | Control Device | Control Device ID No. | Halogenated | TRE for Halogenated Vent Stream | Halogen Reduction Device | Installation Date | Performance Test |
|-----------------------|---------------|----------------|-----------------------|-------------|---------------------------------|--------------------------|-------------------|------------------|
| <i>B-3-1</i>          | <i>63G-01</i> | <i>FLARE</i>   | <i>B-3-1</i>          | <i>NO</i>   |                                 |                          |                   | <i>YES</i>       |
| <i>HR-8</i>           | <i>63G-01</i> | <i>FUEL</i>    | <i>HR-8</i>           | <i>NO</i>   |                                 |                          |                   | <i>YES</i>       |

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 15)**  
**Federal Operating Permit Program**

**Table 6c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart G: National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic Organic Chemical Manufacturing Industry for Process Vents**  
**Texas Commission on Environmental Quality**

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Emission Point ID No. | SOP Index No. | Alternate Monitoring Parameters (AMP) | AMP ID No. | Continuous Monitoring | Continuous Monitoring Alt ID No. | Bypass Lines | Flow Indicator |
|-----------------------|---------------|---------------------------------------|------------|-----------------------|----------------------------------|--------------|----------------|
| <i>B-3-1</i>          | <i>63G-01</i> | <i>NO</i>                             |            | <i>NOALT</i>          |                                  | <i>YES</i>   | <i>NO</i>      |
| <i>HR-8</i>           | <i>63G-01</i> | <i>NO</i>                             |            | <i>NOALT</i>          |                                  | <i>YES</i>   | <i>NO</i>      |

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 32)**  
**Federal Operating Permit Program**

**Table 13a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents**  
**Texas Commission on Environmental Quality**

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Emission Point ID No. | SOP Index No. | Emission Standard | Comb Device | 95% Scrubber | PERF Test | Negative Pressure | Bypass Line |
|-----------------------|---------------|-------------------|-------------|--------------|-----------|-------------------|-------------|
| 22013                 | 63FFFF-01     | GRP2              |             |              |           |                   |             |
| 22034                 | 63FFFF-01     | GRP2              |             |              |           |                   |             |
| B-3-1                 | 63FFFF-01     | BLWFLR            |             |              |           |                   |             |
| B-3-40                | 63FFFF-01     | GRP2              |             |              |           |                   |             |
| B-3-51                | 63FFFF-01     | GRP2              |             |              |           |                   |             |
| HR-8                  | 63FFFF-01     | CD98              |             |              |           |                   |             |

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 33)**  
**Federal Operating Permit Program**

**Table 13b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents**  
**Texas Commission on Environmental Quality**

| <b>Date</b>      | <b>Permit No.</b> | <b>Regulated Entity No.</b> |
|------------------|-------------------|-----------------------------|
| February 3, 2025 | O1583             | RN100223205                 |

| <b>Emission Point<br/>ID No.</b> | <b>SOP Index No.</b> | <b>Recovery<br/>Device</b> | <b>Existing<br/>Source</b> | <b>TRE Index<br/>Threshold</b> | <b>Alt 63SS Mon<br/>Parameters</b> | <b>Alt 63SS<br/>Mon ID</b> | <b>SS Device<br/>Type</b> | <b>SS Device ID</b> | <b>Water</b> |
|----------------------------------|----------------------|----------------------------|----------------------------|--------------------------------|------------------------------------|----------------------------|---------------------------|---------------------|--------------|
| 22013                            | 63FFFF-01            | NO                         |                            |                                |                                    |                            |                           |                     |              |
| 22034                            | 63FFFF-01            | NO                         |                            |                                |                                    |                            |                           |                     |              |
| B-3-40                           | 63FFFF-01            | NO                         |                            |                                |                                    |                            |                           |                     |              |
| B-3-51                           | 63FFFF-01            | NO                         |                            |                                |                                    |                            |                           |                     |              |

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 35)**  
**Federal Operating Permit Program**

**Table 13d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents**  
**Texas Commission on Environmental Quality**

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Emission Point ID No. | SOP Index No.    | Designated GRP1 | Designated HAL | Determined HAL | Prior Eval | Assessment Waiver | Assessment Waiver ID | Negative Pressure | Bypass Line |
|-----------------------|------------------|-----------------|----------------|----------------|------------|-------------------|----------------------|-------------------|-------------|
| <i>B-3-1</i>          | <i>63FFFF-01</i> | <i>YES</i>      | <i>NO</i>      | <i>NO</i>      | <i>YES</i> |                   |                      | <i>NO</i>         | <i>NONE</i> |
| <i>HR-8</i>           | <i>63FFFF-01</i> | <i>YES</i>      | <i>NO</i>      | <i>NO</i>      | <i>YES</i> |                   |                      | <i>NO</i>         | <i>NONE</i> |

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 36)**  
**Federal Operating Permit Program**

**Table 13e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents**  
**Texas Commission on Environmental Quality**

| Date             | Permit No. | Regulated Entity No. |
|------------------|------------|----------------------|
| February 3, 2025 | O1583      | RN100223205          |

| Emission Point ID No. | SOP Index No.    | Designated GRP1 | Designated HAL | Determined HAL | Prior Eval | Assessment Waiver | Assessment Waiver ID | Negative Pressure | Bypass Line |
|-----------------------|------------------|-----------------|----------------|----------------|------------|-------------------|----------------------|-------------------|-------------|
| <i>B-3-1</i>          | <i>63FFFF-01</i> | <i>YES</i>      | <i>NO</i>      | <i>NO</i>      | <i>YES</i> |                   |                      | <i>NO</i>         | <i>NONE</i> |
| <i>HR-8</i>           | <i>63FFFF-01</i> | <i>YES</i>      | <i>NO</i>      | <i>NO</i>      | <i>YES</i> |                   |                      | <i>NO</i>         | <i>NONE</i> |

**Texas Commission on Environmental Quality  
Sulfuric Acid Production Attributes  
Form OP-UA43 (Page 1)  
Federal Operating Permit Program**

**Table 1: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)  
Subpart H: Standards of Performance for Sulfuric Acid Plants**

|                                       |                          |                                            |
|---------------------------------------|--------------------------|--------------------------------------------|
| <b>Date:</b> February 3, 2025         | <b>Permit No.:</b> O1583 | <b>Regulated Entity No.:</b> RN100223205   |
| <b>Area Name:</b> B-3/HR Process Area |                          | <b>Customer Reference No.:</b> CN605605831 |

| <b>Process ID No.</b> | <b>SOP Index No.</b> | <b>Construction/<br/>Modification Date</b> | <b>Process Design</b> | <b>Emission Rate</b> | <b>Optional Procedures</b> |
|-----------------------|----------------------|--------------------------------------------|-----------------------|----------------------|----------------------------|
| PRO-HR-3              | 60H-01               | 71+                                        | YES                   | NO                   | NO                         |

**Texas Commission on Environmental Quality  
Sulfuric Acid Production Attributes  
Form OP-UA43 (Page 2)  
Federal Operating Permit Program**

**Table 2: Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 112)  
Control of Air Pollution from Sulfur Compounds (Sulfuric Acid Production)**

|                                       |                          |                                            |
|---------------------------------------|--------------------------|--------------------------------------------|
| <b>Date:</b> February 3, 2025         | <b>Permit No.:</b> O1583 | <b>Regulated Entity No.:</b> RN100223205   |
| <b>Area Name:</b> B-3/HR Process Area |                          | <b>Customer Reference No.:</b> CN605605831 |

| Process ID No. | SOP Index No. | Facility Type | Effective Stack Height | Production Capacity | Facility Use |
|----------------|---------------|---------------|------------------------|---------------------|--------------|
| PRO-HR-1       | R200-01       | ELEMCON       | NO                     | 300+                | NO           |
| PRO-HR-2       | R200-01       | ELEMCON       | NO                     | 300+                | NO           |
| PRO-HR-3       | R200-01       | ELEMCON       | NO                     | 300+                | NO           |

**Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes**  
**Form OP-UA60 (Page 1)**  
**Federal Operating Permit Program**

**Table 1a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart F: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic**  
**Chemical Manufacturing Industry**

|                                       |                          |                                            |
|---------------------------------------|--------------------------|--------------------------------------------|
| <b>Date:</b> February 3, 2025         | <b>Permit No.:</b> O1583 | <b>Regulated Entity No.:</b> RN100223205   |
| <b>Area Name:</b> B-3/HR Process Area |                          | <b>Customer Reference No.:</b> CN605605831 |

| Process ID No.     | SOP Index No. | Applicable Chemicals | Table 2 HAP   | Alternate Means of Emission Limitation (AMEL) | AMEL ID No. | Heat Exchange System | Cooling Water Pressure |
|--------------------|---------------|----------------------|---------------|-----------------------------------------------|-------------|----------------------|------------------------|
| PRO_B3/B4MMA       | 63F-01        | YES                  | YES           | NO                                            |             | YES                  | NO                     |
| PRO_B3MAA/GM<br>AA | 63F-01        | NO                   | <del>NO</del> |                                               |             |                      |                        |

**Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes  
Form OP-UA60 (Page 2)  
Federal Operating Permit Program**

**Table 1b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)  
Subpart F: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic  
Chemical Manufacturing Industry**

|                                       |                          |                                            |
|---------------------------------------|--------------------------|--------------------------------------------|
| <b>Date:</b> February 3, 2025         | <b>Permit No.:</b> O1583 | <b>Regulated Entity No.:</b> RN100223205   |
| <b>Area Name:</b> B-3/HR Process Area |                          | <b>Customer Reference No.:</b> CN605605831 |

| <b>Process ID No.</b> | <b>SOP Index No.</b> | <b>Intervening<br/>Cooling Fluid</b> | <b>Table 4 HAP Content</b> | <b>NPDES Permit</b> | <b>Meets 40 CFR<br/>§ 63.104(a)(4)(i) - (iv)</b> | <b>Table 9 HAP<br/>Content</b> | <b>Cooling Water<br/>Monitored</b> |
|-----------------------|----------------------|--------------------------------------|----------------------------|---------------------|--------------------------------------------------|--------------------------------|------------------------------------|
| PRO_B3/B4MMA          | 63F-01               | NO                                   | NO                         | NO                  | NO                                               | NO                             | NO                                 |

**Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes**  
**Form OP-UA60 (Page 8)**  
**Federal Operating Permit Program**

**Table 5a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic**  
**Chemical Manufacturing - MCPU Processes**

|                                       |                          |                                            |
|---------------------------------------|--------------------------|--------------------------------------------|
| <b>Date:</b> February 3, 2025         | <b>Permit No.:</b> O1583 | <b>Regulated Entity No.:</b> RN100223205   |
| <b>Area Name:</b> B-3/HR Process Area |                          | <b>Customer Reference No.:</b> CN605605831 |

| Process ID No. | SOP Index No. | Ammonium Sulfate | Other Operations | 63.100 CMPU | G2/<1000 Lb/Yr | 2525E1 |
|----------------|---------------|------------------|------------------|-------------|----------------|--------|
| PRO_B3MAA/GMAA | 63FFFF-01     | NO               | YES              | NO          | NO             |        |

**Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes**  
**Form OP-UA60 (Page 9)**  
**Federal Operating Permit Program**

**Table 5b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic**  
**Chemical Manufacturing - MCPU Processes**

|                                       |                          |                                            |
|---------------------------------------|--------------------------|--------------------------------------------|
| <b>Date:</b> February 3, 2025         | <b>Permit No.:</b> O1583 | <b>Regulated Entity No.:</b> RN100223205   |
| <b>Area Name:</b> B-3/HR Process Area |                          | <b>Customer Reference No.:</b> CN605605831 |

| Process ID No. | SOP Index No. | Startup 2003 | Shared Batch Vent | PUG | Startup 2002 | PP Alt | Cont Proc |
|----------------|---------------|--------------|-------------------|-----|--------------|--------|-----------|
| PRO_B3MAA/GMAA | 63FFFF-01     | YES          | NO                | NO  | YES          | YES    | NO        |

**Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes**  
**Form OP-UA60 (Page 10)**  
**Federal Operating Permit Program**

**Table 5c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic**  
**Chemical Manufacturing - MCPU Processes**

|                                       |                          |                                            |
|---------------------------------------|--------------------------|--------------------------------------------|
| <b>Date:</b> February 3, 2025         | <b>Permit No.:</b> O1583 | <b>Regulated Entity No.:</b> RN100223205   |
| <b>Area Name:</b> B-3/HR Process Area |                          | <b>Customer Reference No.:</b> CN605605831 |

| Process ID No. | SOP Index No. | >1000 Lb/Yr | Reduction | New Source | HAP Metals | Fabric Filter | Small CD | Design Eval | Batch Proc Vents |
|----------------|---------------|-------------|-----------|------------|------------|---------------|----------|-------------|------------------|
| PRO_B3MAA/GMAA | 63FFFF-01     | NO          |           | NO         |            |               |          |             | NO               |

## **Section D - Applicability Identification Forms**

**Form OP-REQ1**

**Form OP-REQ2**

**Form OP-REQ3**

# Application Area-Wide Applicability Determinations and General Information

## Form OP-REQ1 (Page 1)

### Federal Operating Permit Program

### Texas Commission on Environmental Quality

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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.<br><i>If the responses to Questions I.A.1 and I.A.2 are both "No," go to Question I.A.6. If the response to Question I.A.1 is "No" and the response to Question I.A.2 is "Yes," go to Question I.A.4.</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              |
| ◆ 3.                                                                                                        | The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972.                                                                                          | <input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              |
| ◆ 7.                                                                                                        | The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A).                                                                                                                                              | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| ◆ 8.                                                                                                        | Emissions from units in the application area include contributions from uncombined water.                                                                                                                                                                                                    | <input type="checkbox"/> Yes <input checked="" 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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

# Application Area-Wide Applicability Determinations and General Information

## Form OP-REQ1 (Page 3)

### Federal Operating Permit Program Texas Commission on Environmental Quality

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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.<br><i>If the response to Question I.C.5 is "No," go to Question I.C.7.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 6.                                                                                                                      | All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.                                                                                   | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 7.                                                                                                                      | The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).                                                                                  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 8.                                                                                                                      | The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements.<br><i>If the response to Question I.C.8 is "No," go to Section I.D.</i>  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 9.                                                                                                                      | All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.                                                                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| <b>D. Emissions Limits on Agricultural Processes</b>                                                                    |                                                                                                                                                                                                         |                                                                     |
| 1.                                                                                                                      | The application area includes agricultural processes subject to 30 TAC § 111.171.                                                                                                                       | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <b>E. Outdoor Burning</b>                                                                                               |                                                                                                                                                                                                         |                                                                     |
| ◆ 1.                                                                                                                    | Outdoor burning is conducted in the application area.<br><i>If the response to Question I.E.1 is "No," go to Section II.</i>                                                                            | <input 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

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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.<br><i>See instructions for inclusive counties. If the response to Question III.A.1 is "No," go to Section IV.</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <b>B. Storage of Volatile Organic Compounds</b>                                                                         |                                                                                                                                                                                                                                                                                                                          |                                                                     |
| ◆ 1.                                                                                                                    | The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere.                                                                                                                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

# Application Area-Wide Applicability Determinations and General Information

## Form OP-REQ1 (Page 5)

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

# Application Area-Wide Applicability Determinations and General Information

## Form OP-REQ1 (Page 6)

### Federal Operating Permit Program Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed.

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

# Application Area-Wide Applicability Determinations and General Information

## Form OP-REQ1 (Page 7)

### Federal Operating Permit Program Texas Commission on Environmental Quality

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

# Application Area-Wide Applicability Determinations and General Information

## Form OP-REQ1 (Page 8)

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

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

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| <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.<br><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 checked="" type="checkbox"/> N/A |
| 2.                                                                                                          | The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area.                                                                                         | <input type="checkbox"/> Yes <input 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.<br><i>If the response to Question III.K.4 is "No," go to Section III.L.</i>                                                                                                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                         |
| 5.                                                                                                          | The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1).                                                                                                                   | <input type="checkbox"/> Yes <input type="checkbox"/> No                                                    |
| 6.                                                                                                          | The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.                                                                                                                                                          | <input type="checkbox"/> Yes <input type="checkbox"/> No                                                    |
| 7.                                                                                                          | The applicant using cutback asphalt is a state, municipal, or county agency.                                                                                                                                                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No                                                    |
| <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.<br><i>If the response to Question III.L.1 is "No" or "N/A," go to Section III.M.</i>                                                                                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A            |
| ◆ 2.                                                                                                        | Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area.<br><i>If the response to Question III.L.2 is "Yes," go to Section III.M.</i>                                                                                                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A            |

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| III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued) |                                                                                                                                                                                                                                                                                                                                                   |                                                                                                  |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)                      |                                                                                                                                                                                                                                                                                                                                                   |                                                                                                  |
| ◆ 3.                                                                                                 | Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.                                                                                                                        | <input type="checkbox"/> Yes <input checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| M. Petroleum Dry Cleaning Systems                                                                    |                                                                                                                                                                                                                                                                                                                                                   |                                                                                                  |
| 1.                                                                                                   | The application area contains one or more petroleum dry cleaning facilities that use petroleum-based solvents.                                                                                                                                                                                                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |

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

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

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

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

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

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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| <b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO<sub>2</sub>) Emissions (continued)</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ◆                                                                                                                                          | <div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> <p>4. Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD.<br/> <i>For SOP applications, if the response to Question VI.E.4. is "No," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "No," go to Section VI.H.</i></p> </div> <div style="width: 25%;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </div> </div> |
| ◆                                                                                                                                          | <p>5. Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below</p> <div style="height: 20px; border: 1px solid black; margin-top: 5px;"></div>                                                                                                                                                                                                                                                                                                                |
| <b>F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants</b>                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                                            | <div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> <p>1. The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant.<br/> <i>If the response to Question VI.F.1 is "No," go to Section VI.G.</i></p> </div> <div style="width: 25%;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </div> </div>                                                                                        |
|                                                                                                                                            | <div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> <p>2. Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.</p> </div> <div style="width: 25%;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </div> </div>                                                                                                                                                                                                           |
| <b>G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems</b>                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                                            | <div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> <p>1. The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987.<br/> <i>If the response to Question VI.G.1 is "No," go to Section VI.H.</i></p> </div> <div style="width: 25%;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </div> </div>             |
|                                                                                                                                            | <div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> <p>2. The application area includes storm water sewer systems.</p> </div> <div style="width: 25%;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </div> </div>                                                                                                                                                                                                                                                                                          |

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

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

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| <b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)</b>                                                                                                                                  |                                                                                                                                                                                                                                                               |                                                                                                  |
| <b>J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)</b> |                                                                                                                                                                                                                                                               |                                                                                                  |
| ◆                                                                                                                                                                                                                                              | 8. All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.                                         | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆                                                                                                                                                                                                                                              | 9. The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste.                                                                                               | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆                                                                                                                                                                                                                                              | 10. The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials.                                                                                                                   | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| <b>K. Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution</b>                                                                                                                      |                                                                                                                                                                                                                                                               |                                                                                                  |
| ◆                                                                                                                                                                                                                                              | 1. The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO.                                                                                           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| <b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants</b>                                                                                                                            |                                                                                                                                                                                                                                                               |                                                                                                  |
| <b>A. Applicability</b>                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                               |                                                                                                  |
| ◆                                                                                                                                                                                                                                              | 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts.<br><i>If the response to Question VII.A.1 is "No" or "N/A," go to Section VIII.</i>                                                                        | <input 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).<br><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>                                                                                                                                                                               |                                                          |
| <b>Applicability</b>                                                                                                                                                                                                                        |                                                          |
| 1. The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155.<br><i>If the response to Question VII.E.1 is "No," go to Section VII.F.</i>                   | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <b>Roadway Construction</b>                                                                                                                                                                                                                 |                                                          |
| 2. The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.                                                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <b>Manufacturing Commercial Asbestos</b>                                                                                                                                                                                                    |                                                          |
| 3. The application area includes a manufacturing operation using commercial asbestos.<br><i>If the response to Question VII.E.3 is "No," go to Question VII.E.4.</i>                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| a. Visible emissions are discharged to outside air from the manufacturing operation                                                                                                                                                         | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.                                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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

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

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

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| <b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b> |                                                                                                                                                                                                                                    |                                                          |
| <b>H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)</b>                                      |                                                                                                                                                                                                                                    |                                                          |
| <b>Applicability (continued)</b>                                                                                                |                                                                                                                                                                                                                                    |                                                          |
| 6.                                                                                                                              | The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.                                                                                                                 | <input 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 |
| <b>Waste Stream Exemptions</b>                                                                                                  |                                                                                                                                                                                                                                    |                                                          |
| 8.                                                                                                                              | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw).                                                   | <input type="checkbox"/> Yes <input 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).<br><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>                                      |                                                                                                                                                                                                                         |                                                          |
| <b>Container Requirements</b>                                                                                                   |                                                                                                                                                                                                                         |                                                          |
| 15.                                                                                                                             | The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste.<br><i>If the response to Question VII.H.15 is "No," go to Question VII.H.18.</i>                             | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 16.                                                                                                                             | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.<br><i>If the response to Question VII.H.16 is "Yes," go to Question VII.H.18.</i>                     | <input type="checkbox"/> Yes <input 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 |
| <b>Individual Drain Systems</b>                                                                                                 |                                                                                                                                                                                                                         |                                                          |
| 18.                                                                                                                             | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste.<br><i>If the response to Question VII.H.18 is "No," go to Question VII.H.25.</i>     | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 19.                                                                                                                             | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.<br><i>If the response to Question VII.H.19 is "Yes," go to Question VII.H.25.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 20.                                                                                                                             | The application area has individual drain systems complying with 40 CFR § 61.346(a).<br><i>If the response to Question VII.H.20 is "No," go to Question VII.H.22.</i>                                                   | <input 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).<br><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            |
| <b>Remediation Activities</b>                                                                                                                     |                                                                                                                                                                                                                                                                                       |                                                                     |
| 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.<br><i>See instructions for 40 CFR Part 63 subparts made applicable only by reference.</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <b>B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry</b> |                                                                                                                                                                                                                                                                                       |                                                                     |
| 1.                                                                                                                                                | The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a).<br><i>If the response to Question VIII.B.1 is "No," go to Section VIII.D.</i>                                                                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

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

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For SOP applications, answer ALL questions unless otherwise directed.

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| <b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>                                                                    |                                                                                                                                                                                                                                                                                                                                                      |                                                                     |
| <b>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> |                                                                                                                                                                                                                                                                                                                                                      |                                                                     |
| <b>Applicability</b>                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                      |                                                                     |
| 1.                                                                                                                                                                                                                        | The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F.<br><i>If the response to Question VIII.C.1 is "No," go to Section VIII.D.</i> | <input checked="" 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 checked="" type="checkbox"/> No |
| 3.                                                                                                                                                                                                                        | The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148.<br><i>If the response to Question VIII.C.3 is "No," go to Question VIII.C.8.</i>                                                                                                                                     | <input checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 5.                                                                                                                                                                                                                        | The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere.<br><i>If the response to Question VIII.C.5 is "No," go to Question VIII.C.8.</i>                                                                           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <b>Vapor Collection and Closed Vent Systems</b>                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                      |                                                                     |
| 6.                                                                                                                                                                                                                        | Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area.                                                                                                                                                                                                                        | <input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)                                                                                |                                                                                                                                                                                                                                   |                                                                     |
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| C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued) |                                                                                                                                                                                                                                   |                                                                     |
| <i>Reloading or Cleaning of Railcars, Tank Trucks, or Barges</i>                                                                                                                                                               |                                                                                                                                                                                                                                   |                                                                     |
| 8.                                                                                                                                                                                                                             | The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank.<br><i>If the response to Question VIII.C.8 is "No," go to Question VIII.C.11.</i>                | <input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <i>Process Wastewater Streams</i>                                                                                                                                                                                              |                                                                                                                                                                                                                                   |                                                                     |
| 12.                                                                                                                                                                                                                            | The application area includes process wastewater streams.<br><i>If the response to Question VIII.C.12 is "No," go to Question VIII.C.34.</i>                                                                                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 13.                                                                                                                                                                                                                            | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF.<br><i>If the response to Question VIII.C.13 is "No," go to Question VIII.C.15.</i>                | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 14.                                                                                                                                                                                                                            | The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii).                                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 15.                                                                                                                                                                                                                            | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F.<br><i>If the response to Question VIII.C.15 is "No," go to Question VIII.C.17.</i>                 | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

###### Process Wastewater Streams (continued)

|     |                                                                                                                                                                                                                                                |                                                                     |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| 24. | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br><i>If the response to Question VIII.C.24 is "Yes," go to Question VIII.C.34.</i>                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 25. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br><i>If the response to Question VIII.C.25 is "No," go to Question VIII.C.27.</i>         | <input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> No |
| 28. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br><i>If the responses to Questions VIII.C.27 - VIII.C.28 are both "No," go to Question VIII.C.30.</i>      | <input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> No |

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

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

###### Drains

|     |                                                                                                                                                                                                                                                                                                   |                                                                     |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| 31. | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream.<br><i>If the response to Question VIII.C.31 is "No," go to Question VIII.C.34.</i>                                             | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 32. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.                                                                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 33. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.                                                                                                                                   | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 34. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b).<br><i>If the response to Question VIII.C.34 is "No," go to Question VIII.C.39.</i>            | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 35. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d).<br><i>If the response to Question VIII.C.35 is "No," go to Question VIII.C.39.</i>     | <input checked="" 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 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>C. Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)</b>                                                                                                                                                                                                                                                                                    |                                                                     |
| <b>Drains (continued)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                     |
| 37. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute.                                                                                                                                                       | <input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> No |
| <b>Gas Streams</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                     |
| 39. The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant.                                                                                                                                                                                                                                                                                           | <input type="checkbox"/> Yes <input checked="" 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 checked="" 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.<br><i>If the response to Question VIII.E.1 is "No," go to Section VIII.F.</i>                                                          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2. Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O.<br><i>If the response to Question VIII.E.2 is "No," go to Section VIII.F.</i>                                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 3. The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.                                                                                                                                | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 4. The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.                                                                                                                             | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| <b>F. Subpart Q - National Emission Standards for Industrial Process Cooling Towers</b>                                                                                                                                                                                        |                                                                     |
| 1. The application area includes industrial process cooling towers.<br><i>If the response to Question VIII.F.1 is "No," go to Section VIII.G.</i>                                                                                                                              | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 2. Chromium-based water treatment chemicals have been used on or after September 8, 1994.                                                                                                                                                                                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <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.<br><i>If the responses to Questions VIII.G.1 and VIII.G.2 are both "No," go to Section VIII.H.</i>                                                                                                               | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station.<br><i>If the response to Question VIII.G.3 is "Yes," go to Question VIII.G.10.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No            |

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

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

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

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

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

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

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| <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.<br><i>If the response to Question VIII.O.10 is “Yes,” go to Section VIII.P.</i>                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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| <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.<br><i>If the response to Question VIII.O.11 is "No," go to Question VIII.O.14.</i>   | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 12.                                                                                                                                                    | VOHAP concentration is determined by direct measurement.                                                                                                                                                                                                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 13.                                                                                                                                                    | VOHAP concentration is based on knowledge of the off-site material.                                                                                                                                                                                                                                         | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 14.                                                                                                                                                    | The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system.<br><i>If the response to Question VIII.O.14 is "No," go to Question VIII.O.17.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 15.                                                                                                                                                    | An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight.                                                                                                                                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 16.                                                                                                                                                    | An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.                                                                                                                                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 17.                                                                                                                                                    | The application area includes containers that manage non-exempt off-site material.                                                                                                                                                                                                                          | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 18.                                                                                                                                                    | The application area includes individual drain systems that manage non-exempt off-site materials.                                                                                                                                                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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

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| <b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                  |
| <b>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.<br><i>If the response to Question VIII.P.1 is "No" or "N/A," go to Section VIII.Q.</i>                                                                                                                                                                                                                                                        | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| 2.                                                                                                                                                     | The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| <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.<br><i>For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.R.</i><br><i>For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.Z.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| ◆ 3.                                                                                                                                                   | The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761.<br><i>For SOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.R.</i><br><i>For GOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.Z.</i>                                                                                                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |
| ◆ 4.                                                                                                                                                   | The application area is located at a site that is a major source of HAP.<br><i>If the response to Question VIII.Q.4 is "No," go to Question VIII.Q.6.</i>                                                                                                                                                                                                                                                                                                                          | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |

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For SOP applications, answer ALL questions unless otherwise directed.

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

| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                          |
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| Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                          |
| ◆                                                                                                                                               | <p>5. The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 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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◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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| <b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>                                                                                                           |                                                                                                  |  |
| <b>R. Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)</b>                                                                                                                                                            |                                                                                                  |  |
| 1. The application area includes shipbuilding or ship repair operations.<br><i>If the response to Question VIII.R.1 is "NO," go to Section VIII.S.</i>                                                                                                           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |  |
| 2. Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.                                                                                                                                             | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |  |
| <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.<br><i>If the response to Question VIII.S.1 is "No" or "N/A," go to Section VIII.T.</i>                                        | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |  |
| 2. The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.                                                                                                                                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |  |
| <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.<br><i>If the response to Question VIII.U.1 is "NO," go to Section VIII.V.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |  |
| 2. The application area includes containers using Container Level 1 controls.                                                                                                                                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |  |
| 3. The application area includes containers using Container Level 2 controls.                                                                                                                                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |  |

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

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

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

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| <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.<br><i>If the responses to Questions VIII.W.20 and VIII.W.21 are both "No" or "N/A," go to Question VIII.W.54.</i>                                                                                                                                                                                                                                                                                                                               | <input 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).<br><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.<br><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.<br><i>If the response to Question VIII.W.24 is "No," go to Question VIII.W.54.</i>                                                                                                                                                                                                                                                                                                                               | <input type="checkbox"/> Yes <input type="checkbox"/> No                                         |

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

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

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

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

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| <b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>                                                                             |                                                          |
| <b>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.<br><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.<br><i>If the response to Question VIII.W.48 is "Yes," go to Question VIII.W.54.</i>      | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 49. The application area has individual drain systems complying with 40 CFR § 61.346(a).<br><i>If the response to Question VIII.W.49 is "No," go to Question VIII.W.51.</i>                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 50. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.                                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 51. The application area has individual drain systems complying with 40 CFR § 61.346(b).<br><i>If the response to Question VIII.W.51 is "No," go to Question VIII.W.54.</i>                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 52. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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

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| <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.<br><i>If the response to Question VIII.X.8 is "Yes," go to Question VIII.X.18.</i>                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 9.                                                                                                                                                     | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br><i>If the response to Question VIII.X.9 is "No," go to Question VIII.X.11.</i>          | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 10.                                                                                                                                                    | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 11.                                                                                                                                                    | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 12.                                                                                                                                                    | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br><i>If the responses to Questions VIII.X.11 - VIII.X.12 are both "No," go to Question VIII.X.14.</i>      | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                          |
| <i>Drains (continued)</i>                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                          |
| 19.                                                                                                                                             | <p>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).</p> <p><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 |
| 20.                                                                                                                                             | <p>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 |
| 21.                                                                                                                                             | <p>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 |
| 22.                                                                                                                                             | <p>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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 2.                                                                                                                                                                                         | The application area is located at a plant site that is a major source as defined in FCAA § 112(a).                                                                                                                                                                                                                                                                           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 3.                                                                                                                                                                                         | The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP.<br><i>If the response to Question VIII.AA.1, AA.2 or AA.3 is "No," go to Section VIII.BB.</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 4.                                                                                                                                                                                         | The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF.<br><i>If the response to Question VIII.AA.4 is "No," go to Section VIII.BB.</i>                                                                                             | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)           |                                                                                                                                                                                                                                                                                            |                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued) |                                                                                                                                                                                                                                                                                            |                                                                     |
| 5.                                                                                                                                                        | The application area includes process wastewater streams.<br><i>If the response to Question VIII.AA.5 is "No," go to Question VIII.AA.24.</i>                                                                                                                                              | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 6.                                                                                                                                                        | The application area includes process wastewater streams, located at existing sources, that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate. | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 7.                                                                                                                                                        | The application area includes process wastewater streams, located at existing sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 8.                                                                                                                                                        | The application area includes process wastewater streams, located at new sources, that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.      | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 9.                                                                                                                                                        | The application area includes process wastewater streams, located at new sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.                                                                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 10.                                                                                                                                                       | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br><i>If the response to Question VIII.AA.10 is "Yes," go to Question VIII.AA.24.</i>                                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 11.                                                                                                                                                       | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br><i>If the response to Question VIII.AA.11 is "No," go to Question VIII.AA.13.</i>                                                   | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 12.                                                                                                                                                       | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.                                                                                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 13.                                                                                                                                                       | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.                                             | <input type="checkbox"/> Yes <input type="checkbox"/> No            |

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

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                     |
| 23.                                                                                                                                                       | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.                                                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 24.                                                                                                                                                       | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b).<br><i>If the response to Question VIII.AA.24 is "No," go to Section VIII.BB.</i>                                                                                                                                                                                                                                                       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 25.                                                                                                                                                       | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d).<br><i>If the response to Question VIII.AA.25 is "No," go to Section VIII.BB.</i>                                                                                                                                                                                                                                  | <input checked="" 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 checked="" 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 checked="" 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 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>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.<br><i>If the answer to Question VIII.CC.1 is "No," go to Section VIII.DD.</i>                                                                                                                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 2. The application area is located at a site that is a major source of HAP.<br><i>If the answer to Question VIII.CC.2 is "No," go to Section VIII.DD.</i>                                                                                                                                          | <input checked="" 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).<br><i>If the answer to Question VIII.CC.3 is "Yes," go to Section VIII.DD.</i>                                                                                                         | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 4. All site remediation activities are complete, and the Administrator has been notified in writing.<br><i>If the answer to Question VIII.CC.4 is "Yes," go to Section VIII.DD.</i>                                                                                                                | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 5. Prior to beginning site remediation activities, it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr.<br><i>If the answer to Question VIII.CC.5 is "Yes," go to Section VIII.DD.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 6. The site remediation will be completed within 30 consecutive calendar days.                                                                                                                                                                                                                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 7. No site remediation will exceed 30 consecutive calendar days.<br><i>If the answer to Question VIII.CC.7 is "Yes," go to Section VIII.DD.</i>                                                                                                                                                    | <input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 9. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.<br><i>If the answer to Question VIII.CC.9 is "Yes," go to Section VIII.DD.</i>                                                                       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

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

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

##### DD. Subpart YYYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities

- |    |                                                                                                                                                                                                                                              |                                                                     |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| 1. | The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions.<br><i>If the response to Question VIII.DD.1 is "No," go to Section VIII.EE.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2. | The EAF steelmaking facility is a research and development facility.<br><i>If the response to Question VIII.DD.2 is "Yes," go to Section VIII.EE.</i>                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 3. | Metallic scrap is utilized in the EAF.                                                                                                                                                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 4. | Scrap containing motor vehicle scrap is utilized in the EAF.                                                                                                                                                                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 5. | Scrap not containing motor vehicle scrap is utilized in the EAF.                                                                                                                                                                             | <input type="checkbox"/> Yes <input type="checkbox"/> No            |

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

- |    |                                                                                                                                                                                |                                                                     |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| 1. | The application area is located at a site that is an area source of HAPs.<br><i>If the answer to Question EE.1 is "No," go to Section VIII.FF.</i>                             | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2. | The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R. | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 3. | The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.                                                                         | <input type="checkbox"/> Yes <input type="checkbox"/> No            |

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

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

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

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

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

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

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

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

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◆ 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.<br><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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| ◆ 3.                                                                 | The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.                                                                                                                                                                                                                                                                                                                                                                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |

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For SOP applications, answer ALL questions unless otherwise directed.

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|                                                              |                                                                                                                                                                                                                                                                                                                                                    |                                                                     |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>XI. Miscellaneous (continued)</b>                         |                                                                                                                                                                                                                                                                                                                                                    |                                                                     |
| <b>J. Title 30 TAC Chapter 101, Subchapter H (continued)</b> |                                                                                                                                                                                                                                                                                                                                                    |                                                                     |
| ◆ 4.                                                         | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO <sub>x</sub> .<br><i>If the response to Question XI.J.4 is "Yes," go to Question XI.J.6.</i>                                                       | <input checked="" type="checkbox"/> Yes <input 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 type="checkbox"/> No            |
| 6.                                                           | The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.                                                                                                                                                                                                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| ◆ 7.                                                         | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.                                                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| ◆ 8.                                                         | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <b>K. Periodic Monitoring</b>                                |                                                                                                                                                                                                                                                                                                                                                    |                                                                     |
| ◆ 1.                                                         | The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application.<br><i>If the response to Question XI.K.1 is "Yes," go to Section XI.L.</i>                                                                                                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| ◆ 2.                                                         | The permit currently contains at least one periodic monitoring requirement.<br><i>If the responses to Questions XI.K.1 and XI.K.2 are both "No," go to Section XI.L.</i>                                                                                                                                                                           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| ◆ 3.                                                         | All periodic monitoring requirements are being removed from the permit with this application.                                                                                                                                                                                                                                                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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|                                                                                                         |                                                                                                                                                                                                                                         |                                                                                                  |
|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>XI. Miscellaneous (continued)</b>                                                                    |                                                                                                                                                                                                                                         |                                                                                                  |
| <b>L. Compliance Assurance Monitoring (continued)</b>                                                   |                                                                                                                                                                                                                                         |                                                                                                  |
| ◆ 9.                                                                                                    | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1.                                                        | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| ◆ 10.                                                                                                   | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.                                                                       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              |
| ◆ 11.                                                                                                   | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.                | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |
| ◆ 12.                                                                                                   | The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.                                                                                                                                          | <input checked="" 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.<br><i>If the response to Question XI.M.1 is "No," or "N/A," go to Section XII.</i>                        | <input type="checkbox"/> Yes <input 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.<br><i>If the response to XII.A.1 is "Yes," include the waste permit numbers and issuance date in Section XII.J.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              |

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

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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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): |
|------------|-------------------------------------|--------------------------------------------------|------------|---------------|---------------|
| PSDTX987   | <del>10/07/2020</del><br>06/06/2024 | SO <sub>2</sub> , H <sub>2</sub> SO <sub>4</sub> |            |               |               |
|            |                                     |                                                  |            |               |               |
|            |                                     |                                                  |            |               |               |
|            |                                     |                                                  |            |               |               |

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

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

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

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

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

| NSR Permit No. | Issuance Date                       | NSR Permit No. | Issuance Date | NSR Permit No. | Issuance Date |
|----------------|-------------------------------------|----------------|---------------|----------------|---------------|
| 1257A          | <del>10/24/2019</del><br>11/14/2023 |                |               |                |               |
| 751            | <del>10/07/2020</del><br>06/06/2024 |                |               |                |               |
|                |                                     |                |               |                |               |
|                |                                     |                |               |                |               |

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

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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 XIIE-J.)**

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

| Authorization No. | Issuance Date | Authorization No. | Issuance Date | Authorization No. | Issuance Date |
|-------------------|---------------|-------------------|---------------|-------------------|---------------|
|                   |               |                   |               |                   |               |
|                   |               |                   |               |                   |               |
|                   |               |                   |               |                   |               |
|                   |               |                   |               |                   |               |

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

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

| PBR No.            | Version No./Date      | PBR No.            | Version No./Date      | PBR No. | Version No./Date |
|--------------------|-----------------------|--------------------|-----------------------|---------|------------------|
| 106.261            | 11/01/2003            | 106.472            | 09/04/2000            |         |                  |
| 106.262            | 11/01/2003            | <del>106.475</del> | <del>09/04/2000</del> |         |                  |
| 106.263            | 11/01/2001            | <del>106.478</del> | <del>09/04/2000</del> |         |                  |
| 106.264            | 09/04/2000            | 106.511            | 09/04/2000            |         |                  |
| <b>106.371</b>     | <b>09/04/2000</b>     |                    |                       |         |                  |
| 106.373            | 09/04/2000            |                    |                       |         |                  |
| <del>106.452</del> | <del>09/04/2000</del> |                    |                       |         |                  |
| <b>106.454</b>     | <b>09/04/2000</b>     |                    |                       |         |                  |

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

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

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

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| Unit AI | Revision No. | Unit/Group/Process ID No.        | Unit/Group/Process Applicable Form | Potentially Applicable Regulatory Name  | Negative Applicability/Superseded Requirement Citation | Negative Applicability/Superseded Requirement Reason                                                                                   |
|---------|--------------|----------------------------------|------------------------------------|-----------------------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| D       | 6, 7         | <del>22024</del><br><b>22013</b> | <del>OP-REQ2</del>                 | <del>40 CFR Part 63, Subpart FFFF</del> | 63.2550(i)                                             | <del>The gas stream contains less than or equal to 0.005 weight percent "total HAP" at the point of discharge to the atmosphere.</del> |
|         |              | 22035                            | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs     | 115.111(a)(8)                                          | The storage vessel has a capacity less than 1,000 gallons.                                                                             |
|         |              | 22035                            | OP-REQ2                            | 40 CFR Part 60, Subpart Kb              | 60.110b(a)                                             | Tank capacity less than 19,800 gallons.                                                                                                |
|         |              | 22035                            | OP-REQ2                            | 40 CFR Part 63, Subpart G               | 63.101(b)                                              | The source is not part of a HON CMPU that manufactures an applicable product.                                                          |
| A       | 9            | 22035                            | <b>OP-REQ2</b>                     | <b>40 CFR Part 63, Subpart FFFF</b>     | <b>63.2470(c)(4)(i)</b>                                | <b><i>This tank is not considered a storage vessel because it contains oHAPs (MMA) only as an impurity (&lt;100-ppm).</i></b>          |
| D       | 6, 7         | <del>22044</del><br><b>22034</b> | <del>OP-REQ2</del>                 | <del>40 CFR Part 63, Subpart FFFF</del> | 63.2550(i)                                             | <del>The gas stream contains less than or equal to 0.005 weight percent "total HAP" at the point of discharge to the atmosphere.</del> |
|         |              | 22115                            | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs     | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds.                                                                              |
|         |              | 22115                            | OP-REQ2                            | 40 CFR Part 60, Subpart Kb              | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).                                                                                 |
|         |              | 22140                            | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs     | 115.111(a)(8)                                          | The storage vessel has a capacity less than 1,000 gallons.                                                                             |
|         |              | 22140                            | OP-REQ2                            | 40 CFR Part 60, Subpart Kb              | 60.110b(a)                                             | Tank capacity less than 40 m3.                                                                                                         |
|         |              | 22140                            | OP-REQ2                            | 40 CFR Part 63, Subpart G               | 63.101(b)                                              | The source is not part of a HON CMPU that manufactures an applicable product.                                                          |

**Form OP-REQ2**  
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| Unit AI | Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | Potentially Applicable Regulatory Name | Negative Applicability/Superseded Requirement Citation | Negative Applicability/Superseded Requirement Reason                                                                                                                                               |
|---------|--------------|---------------------------|------------------------------------|----------------------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A       | 8            | 22140                     | OP-REQ2                            | 40 CFR Part 63, Subpart FFFF           | 63.2550(i)                                             | <i>Surge control vessel does not meet the definition of a storage tank according to 63.2550 and does not meet the vapor pressure and capacity thresholds to qualify as a Group 1 storage tank.</i> |
|         |              | 22145                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.111(a)(8)                                          | The storage vessel has a capacity less than 1,000 gallons.                                                                                                                                         |
|         |              | 22145                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 40 m3.                                                                                                                                                                     |
|         |              | 22145                     | OP-REQ2                            | 40 CFR Part 63, Subpart FFFF           | 63.2550(i)                                             | Surge control vessel does not meet the definition of a storage tank according to 63.2550 and does not meet the vapor pressure and capacity thresholds to qualify as a Group 1 storage tank.        |
|         |              | 22145                     | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | The source is not part of a HON CMPU that manufactures an applicable product.                                                                                                                      |
|         |              | 22154                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.111(a)(8)                                          | The storage vessel has a capacity less than 1,000 gallons.                                                                                                                                         |
|         |              | 22154                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 19,800 gallons.                                                                                                                                                            |
|         |              | 22154                     | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | The source is not part of a HON CMPU that manufactures an applicable product.                                                                                                                      |
|         |              | 33055                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds.                                                                                                                                          |
|         |              | 33055                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).                                                                                                                                             |
|         |              | 33057                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds.                                                                                                                                          |

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| Unit AI | Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | Potentially Applicable Regulatory Name | Negative Applicability/Superseded Requirement Citation | Negative Applicability/Superseded Requirement Reason                                                         |
|---------|--------------|---------------------------|------------------------------------|----------------------------------------|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|         |              | 33057                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).                                                       |
|         |              | 33140                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 19,800 gallons.                                                                      |
|         |              | 33140                     | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | Does not meet the definition of a storage tank as defined in 63.101(b) because it is a surge control vessel. |
|         |              | 33184                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 19,800 gallons.                                                                      |
|         |              | 33184                     | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | Does not meet the definition of a storage tank as defined in 63.101(b) because it is a surge control vessel. |
|         |              | 33209                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds.                                                    |
|         |              | 33209                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).                                                       |
|         |              | 33276                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.111(a)(8)                                          | The storage vessel has a capacity less than 1,000 gallons.                                                   |
|         |              | 33276                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 19,800 gallons.                                                                      |
|         |              | 33276                     | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | Does not meet the definition of a storage tank as defined in 63.101(b) because it is a surge control vessel. |
|         |              | 33344                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds.                                                    |

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| Unit AI | Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | Potentially Applicable Regulatory Name | Negative Applicability/Superseded Requirement Citation | Negative Applicability/Superseded Requirement Reason                                                                       |
|---------|--------------|---------------------------|------------------------------------|----------------------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
|         |              | 33344                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).                                                                     |
|         |              | 33389                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds.                                                                  |
|         |              | 33389                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).                                                                     |
|         |              | 33399                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.111(a)(8)                                          | The storage vessel has a capacity less than 1,000 gallons.                                                                 |
|         |              | 33399                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 19,800 gallons.                                                                                    |
|         |              | 33399                     | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons. |
|         |              | 33429                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 19,800 gallons.                                                                                    |
|         |              | 33429                     | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | This is a pressure vessel; therefore it does not meet the definition of a storage tank as defined in 63.101(b).            |
|         |              | 34131                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds (VOC).                                                            |
|         |              | 34131                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store volatile organic liquids (VOL).                                                              |
|         |              | 34131                     | OP-REQ2                            | 40 CFR Part 63, Subpart FFFF           | 63.2550(i)                                             | Surge tank contains no organic HAPs or hydrogen halide / halogen HAPs.                                                     |
|         |              | 34146                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.111(a)(8)                                          | The storage vessel has a capacity less than 1,000 gallons.                                                                 |
|         |              | 34146                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 19,800 gallons.                                                                                    |

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|---------|--------------|---------------------------|------------------------------------|----------------------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
|         |              | 34146                     | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons. |
|         |              | 34160                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.111(a)(8)                                          | The storage vessel has a capacity less than 1,000 gallons.                                                                 |
|         |              | 34160                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 19,800 gallons.                                                                                    |
|         |              | 34160                     | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons. |
|         |              | 34175                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 19,800 gallons.                                                                                    |
|         |              | 34175                     | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons. |
|         |              | 34176                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 19,800 gallons.                                                                                    |
|         |              | 34176                     | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons. |
|         |              | 34195                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 19,800 gallons.                                                                                    |
|         |              | 34195                     | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons. |
|         |              | 34336                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds.                                                                  |

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|---------|--------------|---------------------------|------------------------------------|----------------------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
|         |              | 34336                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).                                                                     |
|         |              | 34340                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds.                                                                  |
|         |              | 34340                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).                                                                     |
|         |              | 34381                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.111(a)(8)                                          | The storage vessel has a capacity less than 1,000 gallons.                                                                 |
|         |              | 34381                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 19,800 gallons.                                                                                    |
|         |              | 34381                     | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons. |
|         |              | 34394                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.111(a)(8)                                          | The storage vessel has a capacity less than 1,000 gallons.                                                                 |
|         |              | 34394                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 19,800 gallons.                                                                                    |
|         |              | 34394                     | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons. |
|         |              | 34394-1                   | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.111(a)(8)                                          | The storage vessel has a capacity less than 1,000 gallons.                                                                 |
|         |              | 34394-1                   | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 19,800 gallons.                                                                                    |
|         |              | 34394-1                   | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons. |

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|---------|--------------|---------------------------|------------------------------------|----------------------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
|         |              | 34399                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.111(a)(8)                                          | The storage vessel has a capacity less than 1,000 gallons.                                                                 |
|         |              | 34399                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 19,800 gallons.                                                                                    |
|         |              | 34399                     | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons. |
|         |              | 34412                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.111(a)(8)                                          | The storage vessel has a capacity less than 1,000 gallons.                                                                 |
|         |              | 34412                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 19,800 gallons.                                                                                    |
|         |              | 34412                     | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons. |
|         |              | 34429                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.111(a)(8)                                          | The storage vessel has a capacity less than 1,000 gallons.                                                                 |
|         |              | 34429                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 19,800 gallons.                                                                                    |
|         |              | 34429                     | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons. |
|         |              | 34482                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds.                                                                  |
|         |              | 34482                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).                                                                     |

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|---------|--------------|---------------------------|------------------------------------|----------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
|         |              | 34526                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 19,800 gallons.                                                                                         |
|         |              | 34526                     | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | Does not meet the definition of a storage vessel as defined in 63.101(b) because it does not contain an OHAP listed in Table 2. |
|         |              | 34716                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.111(a)(8)                                          | The storage vessel has a capacity less than 1,000 gallons.                                                                      |
|         |              | 34716                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 19,800 gallons.                                                                                         |
|         |              | 34716                     | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons.      |
| A       | 17           | 35244                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds.                                                                       |
| A       | 17           | 35284                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).                                                                          |
|         |              | 35630                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds.                                                                       |
|         |              | 35630                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).                                                                          |
|         |              | 35631                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds.                                                                       |
|         |              | 35631                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).                                                                          |
|         |              | 35689                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds.                                                                       |

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|---------|--------------|---------------------------|------------------------------------|----------------------------------------|--------------------------------------------------------|-----------------------------------------------------------|
|         |              | 35689                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).    |
| A       | 17           | 36244                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds. |
| A       | 17           | 36284                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).    |
| A       | 17           | 38244                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds. |
| A       | 17           | 38284                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).    |
|         |              | 92515                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds. |
|         |              | 92515                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).    |
|         |              | 93006                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds. |
|         |              | 93006                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).    |
|         |              | 93010                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds. |
|         |              | 93010                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).    |
|         |              | 96631                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds. |
|         |              | 96631                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).    |

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|         |              | 96632                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds.                               |
|         |              | 96632                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).                                  |
|         |              | 97100                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds.                               |
|         |              | 97100                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).                                  |
|         |              | 97203                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds.                               |
|         |              | 97203                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).                                  |
|         |              | 97205                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds.                               |
|         |              | 97205                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).                                  |
|         |              | 97221                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds.                               |
|         |              | 97221                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).                                  |
|         |              | B-3-1                     | OP-UA7                             | 40 CFR Part 60, Subpart A              | 60.1                                                   | There are no process units subject to 40 CFR 60 Subchapter A being vented to the flare. |
|         |              | B-3-10                    | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.111(a)(8)                                          | The storage vessel has a capacity less than 1,000 gallons.                              |
|         |              | B-3-10                    | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Capacity less than 40 cubic meters.                                                     |

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|         |              | B-3-10                    | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.101                                                 | Storage vessel has a capacity less than 38 cubic meters.                                                                |
|         |              | B-3-11                    | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Capacity less than 40 cubic meters.                                                                                     |
|         |              | B-3-11                    | OP-UA3                             | 40 CFR Part 63, Subpart G              | 63.101                                                 | Storage vessel has a capacity less than 38 cubic meters.                                                                |
|         |              | B-3-12                    | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Capacity less than 75 cubic meters                                                                                      |
|         |              | B-3-12                    | OP-UA3                             | 40 CFR Part 63, Subpart G              | 63.101                                                 | Storage vessel has a capacity less than 38 cubic meters.                                                                |
|         |              | B-3-13                    | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Surge control vessel is considered a process tank, and a process tank is not regulated as a storage vessel per 60.110b. |
|         |              | B-3-13                    | OP-UA3                             | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | Does not meet the definition of a storage tank as defined in 63.101(b) because it is a surge control vessel.            |
|         |              | B-3-14                    | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Surge control vessel is considered a process tank, and a process tank is not regulated as a storage vessel per 60.110b. |
|         |              | B-3-14                    | OP-UA3                             | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | Does not meet the definition of a storage tank as defined in 63.101(b) because it is a surge control vessel.            |
|         |              | B-3-15                    | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Surge control vessel is considered a process tank, and a process tank is not regulated as a storage vessel per 60.110b. |
|         |              | B-3-15                    | OP-UA3                             | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | Does not meet the definition of a storage tank as defined in 63.101(b) because it is a surge control vessel.            |

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|         |              | B-3-16                    | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Surge control vessel is considered a process tank, and a process tank is not regulated as a storage vessel per 60.110b. |
|         |              | B-3-16                    | OP-UA3                             | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | Does not meet the definition of a storage tank as defined in 63.101(b) because it is a surge control vessel.            |
|         |              | B-3-18                    | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 75 cubic meters.                                                                                |
|         |              | B-3-18                    | OP-UA3                             | 40 CFR Part 63, Subpart G              | 63.101                                                 | Storage vessel has a capacity less than 38 cubic meters.                                                                |
|         |              | B-3-19                    | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 75 cubic meters.                                                                                |
|         |              | B-3-19                    | OP-UA3                             | 40 CFR Part 63, Subpart G              | 63.101                                                 | Storage vessel has a capacity less than 38 cubic meters.                                                                |
|         |              | B-3-20                    | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Constructed before 07/23/1984.                                                                                          |
|         |              | B-3-20                    | OP-UA3                             | 40 CFR Part 63, Subpart G              | 63.101                                                 | Storage vessel has a capacity less than 38 cubic meters.                                                                |
|         |              | B-3-22                    | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Constructed before 7/23/84.                                                                                             |
|         |              | B-3-22010                 | OP-REQ2                            | 40 CFR Part 60, Subpart NNN            | 60.660(a)                                              | Does not Manufacture/produce chemicals listed in 60.667.                                                                |
|         |              | B-3-22010                 | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.100(b)(2)                                           | Does not manufacture as a primary product one or more of the chemicals listed Table 2 HAP.                              |
|         |              | B-3-22030                 | OP-REQ2                            | 40 CFR Part 60, Subpart NNN            | 60.660(a)                                              | Does not Manufacture/produce chemicals listed in 60.667.                                                                |
|         |              | B-3-22030                 | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.100(b)(2)                                           | Does not manufacture as a primary product one or more of the chemicals listed Table 2 HAP.                              |

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|         |              | B-3-3                     | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Constructed before 7/23/84.                                                                                  |
|         |              | B-3-3                     | OP-UA3                             | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | Does not meet the definition of a storage tank as defined in 63.101(b) because it is a surge control vessel. |
|         |              | B-3-34150                 | OP-REQ2                            | 40 CFR Part 60, Subpart RRR            | 60.700(b)                                              | Date of Construction/Modification before 6/29/90.                                                            |
|         |              | B-3-34160                 | OP-REQ2                            | 40 CFR Part 60, Subpart RRR            | 60.700(b)                                              | Date of Construction/Modification before 6/29/90.                                                            |
|         |              | B-3-34180                 | OP-REQ2                            | 40 CFR Part 60, Subpart RRR            | 60.700(b)                                              | Date of Construction/Modification before 6/29/90.                                                            |
|         |              | B-3-34181                 | OP-REQ2                            | 40 CFR Part 60, Subpart RRR            | 60.700(b)                                              | Date of Construction/Modification before 6/29/90.                                                            |
|         |              | B-3-34185                 | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.149(b)                                              | The item of equipment is not identified in table 35 of this subpart.                                         |
|         |              | B-3-34186                 | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.149(b)                                              | The item of equipment is not identified in table 35 of this subpart.                                         |
|         |              | B-3-34187                 | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.149(b)                                              | The item of equipment is not identified in table 35 of this subpart.                                         |
|         |              | B-3-34188                 | OP-REQ2                            | 40 CFR Part 60, Subpart RRR            | 60.700(b)                                              | Date of Construction/Modification before 6/29/90.                                                            |
|         |              | B-3-34190                 | OP-REQ2                            | 40 CFR Part 60, Subpart NNN            | 60.660(b)                                              | Construction/Modification before 12/30/1983.                                                                 |
|         |              | B-3-34199                 | OP-REQ2                            | 40 CFR Part 60, Subpart NNN            | 60.660(b)                                              | Construction/Modification before 12/30/1983.                                                                 |
|         |              | B-3-34201                 | OP-REQ2                            | 40 CFR Part 60, Subpart RRR            | 60.700(b)                                              | Date of Construction/Modification before 6/29/90.                                                            |

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|         |              | B-3-34209                 | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                          | Storage vessel does not store volatile organic compounds (VOC).        |
|         |              | B-3-34209                 | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store volatile organic liquids (VOL).          |
|         |              | B-3-34209                 | OP-REQ2                            | 40 CFR Part 63, Subpart FFFF           | 63.2550(i)                                             | Surge tank contains no organic HAPs or hydrogen halide / halogen HAPs. |
|         |              | B-3-34240                 | OP-REQ2                            | 40 CFR Part 60, Subpart NNN            | 60.660(b)                                              | Construction/Modification before 12/30/1983.                           |
|         |              | B-3-34279                 | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.149(b)                                              | The item of equipment is not identified in table 35 of this subpart.   |
|         |              | B-3-34280                 | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.149(b)                                              | The item of equipment is not identified in table 35 of this subpart.   |
|         |              | B-3-34282                 | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.149(b)                                              | The item of equipment is not identified in table 35 of this subpart.   |
|         |              | B-3-34287                 | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.149(b)                                              | The item of equipment is not identified in table 35 of this subpart.   |
|         |              | B-3-34360                 | OP-REQ2                            | 40 CFR Part 60, Subpart NNN            | 60.660(b)                                              | Construction or modification before 12/30/1983.                        |
|         |              | B-3-34369                 | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.149(b)                                              | The item of equipment is not identified in table 35 of this subpart.   |
|         |              | B-3-34375                 | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.149(b)                                              | The item of equipment is not identified in table 35 of this subpart.   |
|         |              | B-3-34410                 | OP-REQ2                            | 40 CFR Part 60, Subpart NNN            | 60.660(b)                                              | Construction/Modification before 12/30/1983.                           |
|         |              | B-3-34418                 | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.149(b)                                              | The item of equipment is not identified in table 35 of this subpart.   |

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|         |              | B-3-34655                 | OP-REQ2                            | 40 CFR Part 60, Subpart RRR                    | 60.700(a)                                              | Does not produce any chemicals listed in 60.707.                         |
|         |              | B-3-36                    | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs            | 115.111(a)(8)                                          | The storage vessel has a capacity less than 1,000 gallons.               |
|         |              | B-3-36                    | OP-REQ2                            | 40 CFR Part 60, Subpart Kb                     | 60.110b(a)                                             | Tank capacity less than 75 cubic meters.                                 |
|         |              | B-3-36                    | OP-REQ2                            | 40 CFR Part 63, Subpart FFFF                   | 63.2550(i)                                             | Storage tank contains no organic HAPs or hydrogen halide / halogen HAPs. |
|         |              | B-3-36                    | OP-REQ2                            | 40 CFR Part 63, Subpart G                      | 63.100(b)(2)                                           | This storage vessel does not store a Table 2 HAP.                        |
|         |              | B-3-39                    | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs            | 115.112(e)(1)                                          | Does not store VOCs.                                                     |
|         |              | B-3-39                    | OP-REQ2                            | 40 CFR Part 60, Subpart Kb                     | 60.110b(a)                                             | Tank capacity less than 75 cubic meters.                                 |
|         |              | B-3-39                    | OP-REQ2                            | 40 CFR Part 63, Subpart G                      | 63.101                                                 | Storage vessel has a capacity less than 38 cubic meters.                 |
|         |              | B-3-4                     | OP-UA3                             | 40 CFR Part 60, Subpart Kb                     | 60.110b(a)                                             | Storage vessel does not store petroleum liquids.                         |
| D       | 12           | <del>B-3-40</del>         | <del>OP-REQ2</del>                 | <del>30 TAC Chapter 115, Storage of VOCs</del> | <del>115.111(a)(8)</del>                               | <del>The storage vessel has a capacity less than 1,000 gallons.</del>    |
| D       | 12           | <del>B-3-40</del>         | <del>OP-REQ2</del>                 | <del>40 CFR Part 60, Subpart Kb</del>          | <del>60.110b(a)</del>                                  | <del>Tank capacity less than 75 cubic meters.</del>                      |
| D       | 12           | <del>B-3-40</del>         | <del>OP-REQ2</del>                 | <del>40 CFR Part 63, Subpart G</del>           | <del>63.100(b)(2)</del>                                | <del>This storage vessel does not store a Table 2 HAP.</del>             |
|         |              | B-3-41                    | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs            | 115.111(a)(8)                                          | The storage vessel has a capacity less than 1,000 gallons.               |
|         |              | B-3-41                    | OP-REQ2                            | 40 CFR Part 60, Subpart Kb                     | 60.110b(a)                                             | Tank capacity less than 75 cubic meters.                                 |

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| A       | 11           | B-3-41                    | OP-REQ2                            | 40 CFR Part 63, Subpart G              | <del>63.100(b)(2)</del> 63.101                         | <del>Storage vessel has a capacity less than 38 cubic meters.</del> <b>The source is not part of a HON CMPU that manufactures an applicable product.</b>                                           |
| A       | 11           | <b>B-3-41</b>             | <b>OP-REQ2</b>                     | <b>40 CFR Part 63, Subpart FFFF</b>    | <b>63.2550(i)</b>                                      | <b>Surge control vessel does not meet the definition of a storage tank according to 63.2550 and does not meet the vapor pressure and capacity thresholds to qualify as a Group 1 storage tank.</b> |
|         |              | B-3-42                    | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 75 cubic meters.                                                                                                                                                           |
|         | 10           | B-3-42                    | OP-UA3                             | 40 CFR Part 63, Subpart FFFF           | 63.2550(i)                                             | <del>Storage tank contains no organic HAPs or hydrogen halide / halogen HAPs.</del> <b>Storage tank contains HAP only as impurities.</b>                                                           |
|         |              | B-3-42                    | OP-UA3                             | 40 CFR Part 63, Subpart G              | 63.100(b)(2)                                           | This storage vessel does not store a Table 2 HAP.                                                                                                                                                  |
|         |              | B-3-43                    | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 75 cubic meters.                                                                                                                                                           |
|         | 10           | B-3-43                    | OP-UA3                             | 40 CFR Part 63, Subpart FFFF           | 63.2550(i)                                             | <del>Storage tank contains no organic HAPs or hydrogen halide / halogen HAPs.</del> <b>Storage tank contains HAP only as impurities.</b>                                                           |
|         |              | B-3-43                    | OP-UA3                             | 40 CFR Part 63, Subpart G              | 63.100(b)(2)                                           | This storage vessel does not store a Table 2 HAP.                                                                                                                                                  |
|         |              | B3-43W                    | OP-UA4                             | 40 CFR Part 63, Subpart G              | 63.100(b)(1)                                           | This loading rack does not load a Table 2 HAP.                                                                                                                                                     |
|         |              | B-3-44                    | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 75 cubic meters.                                                                                                                                                           |

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|         | 10           | B-3-44                    | OP-UA3                             | 40 CFR Part 63, Subpart FFFF           | 63.2550(i)                                             | <del>Storage tank contains no organic HAPs or hydrogen halide / halogen HAPs.</del><br><b>Storage tank contains HAP only as impurities.</b>                                                        |
|         |              | B-3-44                    | OP-UA3                             | 40 CFR Part 63, Subpart G              | 63.100(b)(2)                                           | This storage vessel does not store a Table 2 HAP.                                                                                                                                                  |
|         |              | B-3-5                     | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).                                                                                                                                             |
|         |              | B-3-52                    | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs    | 115.111(a)(8)                                          | The storage vessel has a capacity less than 1,000 gallons.                                                                                                                                         |
|         |              | B-3-52                    | OP-REQ2                            | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Tank capacity less than 75 cubic meters.                                                                                                                                                           |
| A       | 11           | B-3-52                    | OP-REQ2                            | 40 CFR Part 63, Subpart G              | 63.101                                                 | <del>Storage vessel has a capacity less than 38 cubic meters.</del><br><b>The source is not part of a HON CMPU that manufactures an applicable product.</b>                                        |
| A       | 11           | <b>B-3-52</b>             | <b>OP-REQ2</b>                     | <b>40 CFR Part 63, Subpart FFFF</b>    | <b>63.2550(i)</b>                                      | <b>Surge control vessel does not meet the definition of a storage tank according to 63.2550 and does not meet the vapor pressure and capacity thresholds to qualify as a Group 1 storage tank.</b> |
|         |              | B-3-55-1                  | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 63.110(b)                                              | Emission unit subject to 40 CFR 60 Kb and 40 CFR 63, Subpart G; comply with 40 CFR 63, Subpart G.                                                                                                  |
|         |              | B-3-55-2                  | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 63.110(b)                                              | Emission unit subject to 40 CFR 60 Kb and 40 CFR 63, Subpart G; comply with 40 CFR 63, Subpart G.                                                                                                  |
|         |              | B-3-56-1                  | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Design capacity of vessel is greater than 40,000 gallons and vapor pressure less than 0.5 psia.                                                                                                    |

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| Unit AI | Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | Potentially Applicable Regulatory Name | Negative Applicability/Superseded Requirement Citation | Negative Applicability/Superseded Requirement Reason                                                                                                                                        |
|---------|--------------|---------------------------|------------------------------------|----------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |              | B-3-56-1                  | OP-UA3                             | 40 CFR Part 63, Subpart G              | 63.100(b)(1)                                           | This storage vessel does not store a Table 2 chemical.                                                                                                                                      |
|         |              | B-3-56-2                  | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 60.110b(b)                                             | Design capacity of vessel is greater than 40,000 gallons and vapor pressure less than 0.5 psia.                                                                                             |
|         |              | B-3-56-2                  | OP-UA3                             | 40 CFR Part 63, Subpart G              | 63.100(b)(1)                                           | This storage vessel does not store a Table 2 chemical.                                                                                                                                      |
|         |              | B-3-57-1                  | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).                                                                                                                                      |
|         |              | B-3-57-2                  | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).                                                                                                                                      |
|         |              | B-3-58-1                  | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 60.110b(b)                                             | Design capacity of vessel is greater than 19,800 gallons but less than 40,000 gallons and vapor pressure less than 2.2 psia.                                                                |
|         |              | B-3-58-1                  | OP-UA15                            | 40 CFR Part 63, Subpart FFFF           | 63.2450(r)                                             | Surge control vessel does not meet the definition of a storage tank according to 63.2550 and does not meet the vapor pressure and capacity thresholds to qualify as a Group 1 storage tank. |
|         |              | B-3-58-2                  | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 60.110b(b)                                             | Design capacity of vessel is greater than 19,800 gallons but less than 40,000 gallons and vapor pressure less than 2.2 psia.                                                                |
|         |              | B-3-58-2                  | OP-UA15                            | 40 CFR Part 63, Subpart FFFF           | 63.2450(r)                                             | Surge control vessel does not meet the definition of a storage tank according to 63.2550 and does not meet the vapor pressure and capacity thresholds to qualify as a Group 1 storage tank. |

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|---------|--------------|---------------------------|------------------------------------|----------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |              | B-3-59-1                  | OP-UA15                            | 40 CFR Part 63, Subpart FFFF           | 63.2450(r)                                             | Surge control vessel does not meet the definition of a storage tank according to 63.2550 and does not meet the vapor pressure and capacity thresholds to qualify as a Group 1 storage tank. |
|         |              | B-3-59-1                  | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 60.110b(b)                                             | Design capacity of vessel is greater than 19,800 gallons but less than 40,000 gallons and vapor pressure less than 2.2 psia.                                                                |
|         |              | B-3-59-2                  | OP-UA15                            | 40 CFR Part 63, Subpart FFFF           | 63.2450(r)                                             | Surge control vessel does not meet the definition of a storage tank according to 63.2550 and does not meet the vapor pressure and capacity thresholds to qualify as a Group 1 storage tank. |
|         |              | B-3-59-2                  | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 60.110b(b)                                             | Design capacity of vessel is greater than 19,800 gallons but less than 40,000 gallons and vapor pressure less than 2.2 psia.                                                                |
|         |              | B-3-60-1                  | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 60.110b(b)                                             | Design capacity of vessel is greater than 40,000 gallons and vapor pressure less than 0.5 psia.                                                                                             |
|         | 10           | B-3-60-1                  | OP-UA3                             | 40 CFR Part 63, Subpart FFFF           | 63.2550(i)                                             | <del>Storage tank contains no organic HAPs or hydrogen halide / halogen HAPs.</del><br><b>Storage tank contains HAP only as impurities.</b>                                                 |
|         |              | B-3-60-2                  | OP-UA3                             | 40 CFR Part 60, Subpart Kb             | 60.110b(b)                                             | Design capacity of vessel is greater than 40,000 gallons and vapor pressure less than 0.5 psia.                                                                                             |
|         | 10           | B-3-60-2                  | OP-UA3                             | 40 CFR Part 63, Subpart FFFF           | 63.2550(i)                                             | <del>Storage tank contains no organic HAPs or hydrogen halide / halogen HAPs.</del><br><b>Storage tank contains HAP only as impurities.</b>                                                 |
|         |              | B-3-61                    | OP-UA15                            | 40 CFR Part 63, Subpart G              | 63.101(b)                                              | Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons.                                                                  |

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|---------|--------------|---------------------------|------------------------------------|------------------------------------------|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |              | B-3-7                     | OP-UA3                             | 40 CFR Part 60, Subpart Kb               | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).                                                                                                                                                                               |
|         |              | B-3-7                     | OP-UA3                             | 40 CFR Part 63, Subpart G                | 63.101                                                 | Storage vessel has a capacity less than 38 cubic meters.                                                                                                                                                                             |
|         |              | B-3-8                     | OP-UA3                             | 40 CFR Part 60, Subpart Kb               | 60.110b(a)                                             | Tank capacity less than 75 cubic meters.                                                                                                                                                                                             |
|         |              | B-3-8                     | OP-UA3                             | 40 CFR Part 63, Subpart G                | 63.101                                                 | Storage vessel has a capacity less than 38 cubic meters.                                                                                                                                                                             |
|         |              | B-3-9                     | OP-UA3                             | 40 CFR Part 60, Subpart Kb               | 60.110b(a)                                             | Tank capacity less than 75 cubic meters.                                                                                                                                                                                             |
|         |              | B-3-9                     | OP-UA3                             | 40 CFR Part 63, Subpart G                | 63.101                                                 | Storage vessel has a capacity less than 38 cubic meters.                                                                                                                                                                             |
|         |              | B-3-BAY4TL                | OP-UA4                             | 40 CFR Part 63, Subpart G                | 63.100(b)(1)                                           | This loading rack does not load a Table 2 HAP.                                                                                                                                                                                       |
|         |              | B-3-DEGR                  | OP-REQ2                            | 30 TAC Chapter 115, Degreasing Processes | 115.411(4)                                             | The solvent used has a true vapor pressure less than 0.6 psia and a drain area less than 16 in2.                                                                                                                                     |
| A       | 4            | <b>B3-SUB5</b>            | <b>OP-UA2</b>                      | <b>40 CFR Part 60, Subpart IIII</b>      | <b>60.4200(a)(1)(i)</b>                                | <b>Existing emergency stationary CI ICE was constructed before 2007.</b>                                                                                                                                                             |
|         |              | B3-SUB5                   | OP-UA2                             | 40 CFR Part 63, Subpart ZZZZ             | 63.6590(b)(1)(i)                                       | Existing emergency stationary RICE with a site rating of > 500 brake HP located at a major source of HAP emissions that does not operate or is not contractually obligated to be available for more than 15 hours per calendar year. |
| A       | 5            | <b>B3-SUB21</b>           | <b>OP-UA2</b>                      | <b>40 CFR Part 60, Subpart IIII</b>      | <b>60.4200(a)(1)(i)</b>                                | <b>Existing emergency stationary CI ICE was constructed before 2007.</b>                                                                                                                                                             |
|         |              | B-4-2                     | OP-REQ2                            | 30 TAC Chapter 115, Storage of VOCs      | 115.111(a)(8)                                          | The storage vessel has a capacity less than 1,000 gallons.                                                                                                                                                                           |
|         |              | B-4-2                     | OP-REQ2                            | 40 CFR Part 60, Subpart Kb               | 60.110b(a)                                             | Tank capacity less than 75 cubic meters.                                                                                                                                                                                             |

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|---------|--------------|---------------------------|------------------------------------|-------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
|         |              | B-4-2                     | OP-REQ2                            | 40 CFR Part 63, Subpart G                       | 63.101                                                 | Storage vessel has a capacity less than 38 cubic meters.                                                              |
|         |              | B-4-4                     | OP-UA3                             | 40 CFR Part 60, Subpart Kb                      | 60.110b(a)                                             | Tank capacity less than 75 cubic meters.                                                                              |
|         |              | B-4-4                     | OP-UA3                             | 40 CFR Part 63, Subpart G                       | 63.101                                                 | Storage vessel has a capacity less than 38 cubic meters.                                                              |
|         |              | B-4-5                     | OP-UA3                             | 40 CFR Part 60, Subpart Kb                      | 60.110b(a)                                             | Tank capacity less than 75 cubic meters.                                                                              |
|         |              | B-4-5                     | OP-UA3                             | 40 CFR Part 63, Subpart G                       | 63.101                                                 | Storage vessel has a capacity less than 38 cubic meters.                                                              |
|         |              | CT B-3                    | OP-REQ2                            | 40 CFR Part 63, Subpart Q                       | 63.400(a)                                              | No chromium based chemicals used after 9/8/94.                                                                        |
|         |              | GRP-HRPRHT                | <del>OP-UA4</del><br><b>OP-UA5</b> | 30 TAC Chapter 117,<br>Subchapter E, Division 3 | 117.303(a)(4)                                          | The heaters are a part of the sulfuric acid regeneration unit.                                                        |
|         |              | GRP-MMAFUG                | OP-UA12                            | 40 CFR Part 60, Subpart VV                      | 63.160(b)(1)                                           | Emission unit subject to 40 CFR 60 Subpart VV and 40 CFR 63 Subpart H; comply with 63 Subpart H.                      |
|         |              | HR-21                     | OP-UA3                             | 40 CFR Part 60, Subpart Kb                      | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).                                                                |
|         |              | HR-21                     | OP-UA3                             | 40 CFR Part 63, Subpart G                       | 63.101(b)                                              | This is a bottoms receiver tank; therefore it does not meet the definition of a storage tank as defined in 63.101(b). |
|         |              | HR-22                     | OP-UA3                             | 40 CFR Part 60, Subpart Kb                      | 60.110b(a)                                             | Storage vessel does not store petroleum liquids (VOL).                                                                |
|         |              | HR-22                     | OP-UA3                             | 40 CFR Part 63, Subpart G                       | 63.101(b)                                              | This is a bottoms receiver tank; therefore it does not meet the definition of a storage tank as defined in 63.101(b). |
|         |              | HR-601                    | OP-REQ2                            | 40 CFR Part 63, Subpart Q                       | 63.400(a)                                              | No chromium based chemicals used after 9/8/94.                                                                        |

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|---------|--------------|---------------------------|------------------------------------|-------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------------------------------------------|
|         |              | HR-FUG                    | OP-REQ2                            | 30 TAC Chapter 115, Pet. Refinery & Petrochemical Processes | 115.352                                                | This fugitive unit is not a part of the synthetic organic chemical manufacturing process.  |
|         |              | HR-FUG                    | OP-REQ2                            | 40 CFR Part 63, Subpart H                                   | 63.100(b)(1)                                           | Materials in use not affected by the HON rule.                                             |
|         |              | HR-FUG                    | OP-REQ2                            | 40 CFR Part 60, Subpart VV                                  | 60.480(a)(1)                                           | This is not an affected facility in the synthetic organic chemical manufacturing industry. |
|         |              | PRO-HR-1                  | OP-UA43                            | 40 CFR Part 60, Subpart H                                   | 60.80(b)                                               | Date of construction or modification prior to 8/17/1971.                                   |
|         |              | PRO-HR-2                  | OP-UA43                            | 40 CFR Part 60, Subpart H                                   | 60.80(b)                                               | Date of construction or modification prior to 8/17/1971.                                   |
|         |              | PRO_B3MAA/G<br>MAA        | OP-UA60                            | 40 CFR Part 63, Subpart F                                   | 63.100(b)(2)                                           | Does not use a Table 2 Chemical.                                                           |

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| <b>Company Name:</b> Rohm and Haas Texas Incorporated | <b>Area Name:</b> B-3/HR Process Area    |                          |

| 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)                                                                                                                                                 |
|--------------|---------------------------|------------------------------------|------------------|-----------|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7            | 22013                     | OP-UA15                            | 63FFFF-01        | VOC       | 40 CFR 63, Subpart FFFF, Continuous Process Vents | 63.2455(b), 63.2455(b)(1)-(3)                                                                                                                                                                 |
| 7            | 22034                     | OP-UA15                            | 63FFFF-01        | VOC       | 40 CFR 63, Subpart FFFF, Continuous Process Vents | 63.2455(b), 63.2455(b)(1)-(3)                                                                                                                                                                 |
|              | 33140                     | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs               | 115.111(a)(1)                                                                                                                                                                                 |
|              | 33184                     | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs               | 115.111(a)(1)                                                                                                                                                                                 |
|              | 33429                     | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs               | 115.111(a)(1)                                                                                                                                                                                 |
|              | 34175                     | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs               | 115.111(a)(1)                                                                                                                                                                                 |
|              | 34176                     | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs               | 115.111(a)(1)                                                                                                                                                                                 |
|              | 34195                     | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs               | 115.111(a)(1)                                                                                                                                                                                 |
|              | 34526                     | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs               | 115.111(a)(1)                                                                                                                                                                                 |
| 18           | B-3-1                     | OP-UA15                            | R5121-01         | VOC       | 30 TAC Chapter 115, Vent Gas Control              | 115.122(a)(1), 115.121(a)(1), 115.122(a)(1)(B), 60.18                                                                                                                                         |
| 18           | B-3-1                     | OP-UA15                            | 63FFFF-01        | HAPS      | 40 CFR Part 63, Subpart FFFF                      | 63.2455(a)-Table 1.1.a.ii, 63.11(b), 63.2450(b), 63.2455(a)-(b), (b)(1), 63.982(b), 63.983(a)(1)-(3), 63.983(a)(3)(ii), (d)(1), (d)(1)(i), [G](d)(2), (d)(3), 63.987(a), 63.997(b)(1), (c)(3) |

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| <b>Company Name:</b> Rohm and Haas Texas Incorporated | <b>Area Name:</b> B-3/HR Process Area    |                          |

| 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)                    |
|--------------|---------------------------|------------------------------------|------------------|-----------|----------------------------------------|------------------------------------------------------------------|
| 18           | B-3-1                     | OP-UA15                            | 63G-01           | HAPS      | 40 CFR Part 63, Subpart G              | [G]63.113(a)(1), 63.11, 63.113(h), [G]63.115(f)                  |
|              | B-3-11                    | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                                    |
|              | B-3-12                    | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                                    |
|              | B-3-13                    | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1), 115.112(e)(3), (e)(3)(C), 60.18                   |
|              | B-3-14                    | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs    | 115.111(a)(1)                                                    |
|              | B-3-15                    | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1), 115.112(e)(3), (e)(3)(C), 60.18                   |
|              | B-3-16                    | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs    | 115.111(a)(1)                                                    |
|              | B-3-18                    | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                                    |
|              | B-3-19                    | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                                    |
|              | B-3-1                     | OP-UA7                             | R1111-01         | PM        | 30 TAC Chapter 111, Visible Emissions  | 111.111(a)(4)(A)                                                 |
|              | B-3-1                     | OP-UA7                             | 63A-01           | HAPS      | 40 CFR Part 63, Subpart A              | 63.11(b)(4), 63.11(b)(1)-(3), (b)(5), (b)(6)(ii), 63.11(b)(7)(i) |
|              | B-3-20                    | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs    | 115.112(e)(1)                                                    |

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|--------------|---------------------------|------------------------------------|------------------|-----------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
|              | B-3-22                    | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs              | 115.112(e)(1), 115.112(e)(2), (e)(2)(A)-(D), (e)(2)(F), [G]115.112(e)(2)(I), 115.114(a)(1)(A)                                                   |
|              | B-3-22                    | OP-UA3                             | 63G-01           | HAPS      | 40 CFR Part 63, Subpart G                        | 63.119(b), 63.119(a)(1), [G](b)(1), (b)(2), (b)(3)(ii), 63.119(b)(4), (b)(5)(i)-(vii), [G](b)(5)(viii), (b)(6), 63.120(a)(4), (a)(7)            |
|              | B-3-34E                   | OP-UA4                             | R5211-01         | VOC       | 30 TAC Chapter 115, Loading and Unloading of VOC | 115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(i)                                                                  |
|              | B-3-34E                   | OP-UA4                             | R5211-02         | VOC       | 30 TAC Chapter 115, Loading and Unloading of VOC | 115.213(b), 115.212(a)(2), (a)(3)(B), (a)(3)(D)-(E), 115.213(b)(1), (b)(4), [G](b)(6), 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(ii)        |
|              | B-3-34E                   | OP-UA4                             | 63G-01           | HAPS      | 40 CFR Part 63, Subpart G                        | 63.126(a), 63.11, 63.126(a)(1)-(3), [G](b)(2), [G](d)(3), 63.126(f)-(i), 63.172(a), [G](h), (i), (j)(1), (m)                                    |
|              | B-3-34E                   | OP-UA4                             | 63G-02           | HAPS      | 40 CFR Part 63, Subpart G                        | 63.126(a), (a)(1)-(3), (b)(1), [G](d)(3), (f)-(i), 63.172(a), [G](h), (i), (j)(1), (m)                                                          |
|              | B-3-35E                   | OP-UA4                             | R5211-01         | VOC       | 30 TAC Chapter 115, Loading and Unloading of VOC | 115.213(b), 115.212(a)(2), (a)(3)(B), (a)(3)(D)-(E), 115.213(b)(1), (b)(4), [G](b)(6), 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(ii), 60.18 |
|              | B-3-35E                   | OP-UA4                             | R5211-02         | VOC       | 30 TAC Chapter 115, Loading and Unloading of VOC | 115.213(b), 115.212(a)(2), (a)(3)(B), (a)(3)(D)-(E), 115.213(b)(1), (b)(4), [G](b)(6), 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(ii)        |
|              | B-3-35E                   | OP-UA4                             | 63G-01           | HAPS      | 40 CFR Part 63, Subpart G                        | 63.126(a), 63.11, 63.126(a)(1)-(3), [G](b)(2), [G](d)(3), 63.126(f)-(i), 63.172(a), [G](h), (i), 63.172(j)(1), (m)                              |
|              | B-3-35E                   | OP-UA4                             | 63G-02           | HAPS      | 40 CFR Part 63, Subpart G                        | 63.126(a), (a)(1)-(3), (b)(1), [G](d)(3), (f)-(i), 63.172(a), [G](h), (i), (j)(1), (m)                                                          |

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| <b>Company Name:</b> Rohm and Haas Texas Incorporated | <b>Area Name:</b> B-3/HR Process Area    |                          |

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|              | B-3-3                     | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs               | 115.112(e)(1)                                                                 |
| 12           | B-3-40                    | OP-UA15                            | R5121-01         | VOC       | 30 TAC Chapter 115, Vent Gas Control              | 115.127(a)(2)(A), [G]115.122(a)(4), 115.127(a)(2)                             |
| 12           | B-3-40                    | OP-UA15                            | 63FFFF-01        | HAPS      | 40 CFR 63, Subpart FFFF, Continuous Process Vents | 63.2455(b), 63.2455(b)(1)-(3)                                                 |
|              | B-3-42                    | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs               | 115.111(a)(1)                                                                 |
|              | B-3-43                    | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs               | 115.111(a)(1)                                                                 |
|              | B3-43W                    | OP-UA4                             | R5211-01         | VOC       | 30 TAC Chapter 115, Loading and Unloading of VOC  | 115.217(a)(1), 115.212(a)(2) 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(i) |
|              | B-3-44                    | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs               | 115.111(a)(1)                                                                 |
|              | B-3-4                     | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs               | 115.111(a)(1)                                                                 |
|              | B-3-4                     | OP-UA3                             | 63G-01           | HAPS      | 40 CFR Part 63, Subpart G                         | 63.119(a)(3)                                                                  |
|              | B-3-51                    | OP-UA15                            | R5121-01         | VOC       | 30 TAC Chapter 115, Vent Gas Controls             | 115.122(a)(2), 115.121(a)(2), 115.122(a)(2)(B)                                |
| 7            | B-3-51                    | OP-UA15                            | 63FFFF-01        | VOC       | 40 CFR 63, Subpart FFFF, Continuous Process Vents | 63.2455(b), 63.2455(b)(1)-(3)                                                 |
|              | B-3-55-1                  | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs               | 115.111(a)(1)                                                                 |
|              | B-3-55-1                  | OP-UA3                             | 63G-01           | HAPS      | 40 CFR Part 63, Subpart G                         | 63.119(a)(3)                                                                  |

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| <b>Company Name:</b> Rohm and Haas Texas Incorporated | <b>Area Name:</b> B-3/HR Process Area    |                          |

| 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)                                                                                                       |
|--------------|---------------------------|------------------------------------|------------------|-----------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
|              | B-3-55-2                  | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs    | 115.111(a)(1)                                                                                                                                       |
|              | B-3-55-2                  | OP-UA3                             | 63G-01           | HAPS      | 40 CFR Part 63, Subpart G              | 63.119(a)(3)                                                                                                                                        |
|              | B-3-56-1                  | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs    | 115.111(a)(1)                                                                                                                                       |
|              | B-3-56-2                  | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs    | 115.111(a)(1)                                                                                                                                       |
|              | B-3-57-1                  | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs    | 115.111(a)(1)                                                                                                                                       |
| 1            | B-3-57-1                  | OP-UA3                             | 63G-01           | HAPS      | 40 CFR Part 63, Subpart G              | 63.119(b), (a)(1), [G](b)(1), (b)(2), (b)(3)(ii), 63.119(b)(4), <del>(b)(5)(i)-(viii)</del> , <b>(b)(5)(i)-(vii)</b> , (b)(6), 63.120(a)(4), (a)(7) |
|              | B-3-57-2                  | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs    | 115.111(a)(1)                                                                                                                                       |
| 1            | B-3-57-2                  | OP-UA3                             | 63G-01           | HAPS      | 40 CFR Part 63, Subpart G              | 63.119(b), (a)(1), [G](b)(1), (b)(2), (b)(3)(ii), 63.119(b)(4), <del>(b)(5)(i)-(viii)</del> , <b>(b)(5)(i)-(vii)</b> , (b)(6), 63.120(a)(4), (a)(7) |
|              | B-3-58-1                  | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs    | 115.111(a)(1)                                                                                                                                       |
|              | B-3-58-2                  | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs    | 115.111(a)(1)                                                                                                                                       |
|              | B-3-59-1                  | OP-UA3                             | R5112-01         | VOC       | 30 TAC Chapter 115, Storage of VOCs    | 115.111(a)(1)                                                                                                                                       |

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| <b>Company Name:</b> Rohm and Haas Texas Incorporated | <b>Area Name:</b> B-3/HR Process Area    |                          |

| 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)                                               |
|--------------|---------------------------|------------------------------------|------------------|-----------------|--------------------------------------------------|---------------------------------------------------------------------------------------------|
|              | B-3-59-2                  | OP-UA3                             | R5112-01         | VOC             | 30 TAC Chapter 115, Storage of VOCs              | 115.111(a)(1)                                                                               |
|              | B-3-5                     | OP-UA3                             | R5112-01         | VOC             | 30 TAC Chapter 115, Storage of VOCs              | 115.111(a)(1)                                                                               |
|              | B-3-5                     | OP-UA3                             | 63G-01           | HAPS            | 40 CFR Part 63, Subpart G                        | 63.119(a)(3)                                                                                |
|              | B-3-60-1                  | OP-UA3                             | R5112-01         | VOC             | 30 TAC Chapter 115, Storage of VOCs              | 115.111(a)(1)                                                                               |
|              | B-3-60-2                  | OP-UA3                             | R5112-01         | VOC             | 30 TAC Chapter 115, Storage of VOCs              | 115.111(a)(1)                                                                               |
|              | B-3-61                    | OP-UA15                            | R5121-01         | VOC             | 30 TAC Chapter 115, Vent Gas Controls            | 115.127(a)(2)(A), [G]115.122(a)(4), 115.127(a)(2)                                           |
|              | B-3-7                     | OP-UA3                             | R5112-01         | VOC             | 30 TAC Chapter 115, Storage of VOCs              | 115.112(e)(1)                                                                               |
|              | B-3-8                     | OP-UA3                             | R5112-01         | VOC             | 30 TAC Chapter 115, Storage of VOCs              | 115.112(e)(1)                                                                               |
|              | B-3-9                     | OP-UA3                             | R5112-01         | VOC             | 30 TAC Chapter 115, Storage of VOCs              | 115.112(e)(1)                                                                               |
|              | B-3-BAY4TL                | OP-UA4                             | R5211-01         | VOC             | 30 TAC Chapter 115, Loading and Unloading of VOC | 115.217(a)(1), 115.212(a)(2) 115.214(a)(1)(B), (a)(1)(D), (a)(1)(D)(i)                      |
|              | B3MMA_PRO                 | OP-UA60                            | 63F-01           | HAPS            | 40 CFR Part 63, Subpart F                        | 63.100(b), [G]63.102(a), [G](c), 63.104(a), [G]63.104(d), (e), (e)(1), [G](e)(2), 63.105(d) |
|              | B-3-SUB5                  | OP-UA2                             | R7ICI-01         | NO <sub>x</sub> | 30 TAC Chapter 117, Subchapter B                 | 117.303(a)(6)(D), [G]117.310(f)                                                             |

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| <b>Company Name:</b> Rohm and Haas Texas Incorporated | <b>Area Name:</b> B-3/HR Process Area    |                          |

| 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)                                                                                       |
|--------------|---------------------------|------------------------------------|------------------|-----------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
|              | B-3-SUB21                 | OP-UA2                             | R7ICI-01         | NO <sub>x</sub> | 30 TAC Chapter 117, Subchapter B                   | 117.303(a)(6)(D), [G]117.310(f)                                                                                                     |
|              | B-3-SUB21                 | OP-UA2                             | 63ZZZZ-01        | HAPS            | 40 CFR Part 63, Subpart ZZZZ                       | 63.6602-Table 2c.1, 63.6595(a)(1), 63.6605(a)-(b), 63.6625(e), (h), (i), 63.6640(f)(1)-(2), (f)(2)(i), 63.6640(f)(3)                |
|              | B-4-4                     | OP-UA3                             | R5112-01         | VOC             | 30 TAC Chapter 115, Storage of VOCs                | 115.112(e)(1)                                                                                                                       |
|              | B-4-5                     | OP-UA3                             | R5112-01         | VOC             | 30 TAC Chapter 115, Storage of VOCs                | 115.112(e)(1)                                                                                                                       |
| 13           | GRP-HRPRHT                | OP-UA1                             | 63DDDDD-01       | HAPS            | 40 CFR Part 63, Subpart DDDDD                      | <b>63.7500(a)(1)-Table 3.3, 63.7500(a)(1), (a)(3), 63.7505(a), 63.7540(a), [G](a)(10), (a)(13)</b><br><del>63.7505</del>            |
|              | GRP-HRHT2                 | OP-UA5                             | R7ICI-01         | NO <sub>x</sub> | 30 TAC Chapter 117, Subchapter B                   | 117.310(d)(3), (a), (a)(8)(A)(i), (b), [G](e)(1), 117.310(e)(2), [G](e)(3), (e)(4), 117.340(l)(2), 117.340(p)(1), (p)(2)(C), (p)(3) |
|              | GRP-HRHT2                 | OP-UA5                             | R7ICI-01         | CO              | 30 TAC Chapter 117, Subchapter B                   | 117.310(c)(1), (c)(1)(B), (c)(3)                                                                                                    |
|              | GRP-MMAFUG                | OP-UA12                            | R5352-ALL        | VOC             | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | ALL                                                                                                                                 |
|              | GRP-MMAFUG                | OP-UA12                            | 63H-ALL          | HAP             | 40 CFR Part 63, Subpart H                          | ALL                                                                                                                                 |
|              | GRP-MAAFUG                | OP-UA12                            | R5352-ALL        | VOC             | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | ALL                                                                                                                                 |

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| <b>Company Name:</b> Rohm and Haas Texas Incorporated | <b>Area Name:</b> B-3/HR Process Area    |                          |

| 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)                                                                                                                                                                                                                                                                                                                   |
|--------------|---------------------------|------------------------------------|------------------|-------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              | GRP-MAAFUG                | OP-UA12                            | 63H-ALL          | HAP         | 40 CFR Part 63, Subpart H                          | ALL                                                                                                                                                                                                                                                                                                                                                             |
| 2            | GRP-MAAFUG                | OP-UA1                             | 63FFFF-01        | HAP         | 40 CFR Part 63, Subpart FFFF                       | 63.2480(a)-Table 6.1.a.ii, 63.162(a), (c), [G](g), (h), [G]63.171, 63.2435(a)-(b), (b)(1), (b)(1)(i)-(ii), 63.2435(b)(2)-(3), 63.2440(a)-(b), 63.2445(b), (d), (g), 63.2445(g)(1), (g)(4), (h), 63.2450(a), (a)(2), (g)(7), 63.2480(a)-(b), (b)(3), (b)(5)-(6), (e), (e)(1), (e)(2)(ii), [G]63.2480(e)(3)-(7), (f)(1)-(3), [G]63.2535(k), §63.2540, §63.2480(a) |
|              | HR-21                     | OP-UA3                             | R5112-01         | VOC         | 30 TAC Chapter 115, Storage of VOCs                | 115.111(a)(1)                                                                                                                                                                                                                                                                                                                                                   |
|              | HR-22                     | OP-UA3                             | R5112-01         | VOC         | 30 TAC Chapter 115, Storage of VOCs                | 115.111(a)(1)                                                                                                                                                                                                                                                                                                                                                   |
|              | HR-8                      | OP-UA15                            | R1111-01         | PM          | 30 TAC Chapter 111, Visible Emissions              | 111.111(a)(1)(C), (a)(1)(E)                                                                                                                                                                                                                                                                                                                                     |
| 18           | <b>HR-8</b>               | <b>OP-UA15</b>                     | <b>R5121-01</b>  | <b>VOC</b>  | <b>30 TAC Chapter 115, Vent Gas Controls</b>       | <b>115.121(a)(2), 115.122(a)(2), 115.122(a)(2)(B)</b>                                                                                                                                                                                                                                                                                                           |
| 18           | <b>HR-8</b>               | <b>OP-UA15</b>                     | <b>63FFFF-01</b> | <b>HAPS</b> | <b>40 CFR Part 63, Subpart FFFF</b>                | <b>63.2455(a)-Table 1.1a.i1, 63.2450(b), 64.2455(a), (b), 63.2455(b)(1), 63.982(c), (c)(2), 63.983(a)(1)-(3), 63.983(a)(3)(i), (d)(1), (d)(1)(i), [G](d)(2), (d)(3), 63.996(c), (c)(2), (c)(2)(i), (c)(3)-(6), 63.988(a)(1)-(2), 63.988(b)(2), 63.988(a)(3), 63.997(c)(3)</b>                                                                                   |
| 18           | <b>HR-8</b>               | <b>OP-UA15</b>                     | <b>63G-01</b>    | <b>HAPS</b> | <b>40 CFR Part 63, Subpart G</b>                   | <b>[G]63.113(a)(2), (b), (h), [G]63.115(f), 63.116(b)</b>                                                                                                                                                                                                                                                                                                       |
|              | HTRES-FUG                 | OP-UA12                            | R5352-ALL        | VOC         | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | ALL                                                                                                                                                                                                                                                                                                                                                             |
|              | HTRES-FUG                 | OP-UA12                            | 63H-ALL          | HAP         | 40 CFR Part 63, Subpart H                          | ALL                                                                                                                                                                                                                                                                                                                                                             |

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| <b>Company Name:</b> Rohm and Haas Texas Incorporated | <b>Area Name:</b> B-3/HR Process Area    |                          |

| 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)                                               |
|--------------|---------------------------|------------------------------------|------------------|--------------------------------|----------------------------------------|---------------------------------------------------------------------------------------------|
|              | PRO-HR-1                  | OP-UA43                            | R200-01          | SO <sub>2</sub>                | 30 TAC Chapter 112, Sulfur Compounds   | 112.5(a)                                                                                    |
|              | PRO-HR-1                  | OP-UA43                            | R200-01          | HS                             | 30 TAC Chapter 112, Sulfur Compounds   | 112.41(b), (b)(1)                                                                           |
|              | PRO-HR-2                  | OP-UA43                            | R200-01          | SO <sub>2</sub>                | 30 TAC Chapter 112, Sulfur Compounds   | 112.5(a)                                                                                    |
|              | PRO-HR-2                  | OP-UA43                            | R200-01          | HS                             | 30 TAC Chapter 112, Sulfur Compounds   | 112.41(b), (b)(1)                                                                           |
|              | PRO-HR-3                  | OP-UA43                            | R200-01          | SO <sub>2</sub>                | 30 TAC Chapter 112, Sulfur Compounds   | 112.5(a)                                                                                    |
|              | PRO-HR-3                  | OP-UA43                            | R200-01          | HS                             | 30 TAC Chapter 112, Sulfur Compounds   | 112.41(b), (b)(1)                                                                           |
|              | PRO-HR-3                  | OP-UA43                            | 60H-01           | SO <sub>2</sub>                | 40 CFR Part 60, Subpart H              | 60.82(a)                                                                                    |
|              | PRO-HR-3                  | OP-UA43                            | 60H-01           | H <sub>2</sub> SO <sub>4</sub> | 40 CFR Part 60, Subpart H              | 60.83(a)(1)                                                                                 |
|              | PRO-HR-3                  | OP-UA43                            | 60H-01           | PM                             | 40 CFR Part 60, Subpart H              | 60.83(a)(2)                                                                                 |
|              | PRO_B3/B4M<br>MA          | OP-UA60                            | 63F-01           | 112(B)<br>HAPS                 | 40 CFR Part 63, Subpart F              | 63.100(b), [G]63.102(a), [G](c), 63.104(a), [G](d), (e), 63.104(e)(1), [G](e)(2), 63.105(d) |
|              | PRO_B3MAA/<br>GMAA        | OP-UA60                            | 63FFFF-01        | 112(B)<br>HAPS                 | 40 CFR Part 63, Subpart FFFF           | 63.2440(a), 63.2450(a), 63.2450(l)                                                          |

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| <b>Company Name:</b> Rohm and Haas Texas Incorporated | <b>Area Name:</b> B-3/HR Process Area    |                          |

| Revision No. | Unit/Group/ Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements                                                                  | Recordkeeping Requirements    | Reporting Requirements |
|--------------|----------------------------|-------------------|-----------|------------------------------------------------------------------------------------------------------|-------------------------------|------------------------|
| 7            | 22013                      | 63FFFF-01         | VOC       | 63.115(d), [G](d)(1), (d)(2), (d)(2)(i), [G]63.115(d)(2)(ii), (d)(2)(iii)-(iv), 63.115(d)(3)(i)-(ii) | NONE                          | NONE                   |
| 7            | 22034                      | 63FFFF-01         | VOC       | 63.115(d), [G](d)(1), (d)(2), (d)(2)(i), [G]63.115(d)(2)(ii), (d)(2)(iii)-(iv), 63.115(d)(3)(i)-(ii) | NONE                          | NONE                   |
|              | 33140                      | R5112-01          | VOC       | [G]115.117                                                                                           | 115.118(a)(1), (a)(5), (a)(7) | NONE                   |
|              | 33184                      | R5112-01          | VOC       | [G]115.117                                                                                           | 115.118(a)(1), (a)(5), (a)(7) | NONE                   |
|              | 33429                      | R5112-01          | VOC       | [G]115.117                                                                                           | 115.118(a)(1), (a)(5), (a)(7) | NONE                   |
|              | 34175                      | R5112-01          | VOC       | [G]115.117                                                                                           | 115.118(a)(1), (a)(5), (a)(7) | NONE                   |
|              | 34176                      | R5112-01          | VOC       | [G]115.117                                                                                           | 115.118(a)(1), (a)(5), (a)(7) | NONE                   |
|              | 34195                      | R5112-01          | VOC       | [G]115.117                                                                                           | 115.118(a)(1), (a)(5), (a)(7) | NONE                   |
|              | 34526                      | R5112-01          | VOC       | [G]115.117                                                                                           | 115.118(a)(1), (a)(5), (a)(7) | NONE                   |
| 18           | B-3-1                      | R5121-01          | VOC       | [G]115.125, 115.126(1), (1)(B), (2)                                                                  | 115.126, (1), (1)(B), (2)     | NONE                   |

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| <b>Company Name:</b> Rohm and Haas Texas Incorporated | <b>Area Name:</b> B-3/HR Process Area    |                          |

| Revision No. | Unit/Group/ Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements                                                                                                                                                                     | Recordkeeping Requirements                                                                                                                                                                                  | Reporting Requirements                                                                                                                                                                                                                    |
|--------------|----------------------------|-------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 18           | B-3-1                      | 63FFFF-01         | HAPS      | [G]63.115(d)(2)(v), (d)(3)(iii), 63.983(a)(3), (a)(3)(i), (b), [G]63.983(b)(1)-(3)-(4), [G](c)(1), 63.983(c)(2)-(3), (d)(1), (d)(1)(ii), 63.987(c), 63.997(b), (b)(1), 63.997(c)(2)-(3), (c)(3)(i)-(ii) | 63.983(a)(3)(i), (b), [G](d)(2), 63.987(c), 63.998(a)(1)(ii), 63.998(a)(1)(iii)(A)-(B), [G]63.998(b)(1)-(3), [G](b)(5), [G]63.998(d)(1), (d)(3)(i)-(ii), 63.998(d)(5), 63.2450(f)(2), 63.2450(f)(2)(i)-(ii) | 63.997(b)(1), (c)(3), 63.998(a)(1)(iii)(A), [G]63.998(b)(3), [G]63.999(a)(1), (b)(5), 63.999(c)(1), (c)(2)(i), (c)(2)(ii) (c)(3), 63.999(c)(6), [G](c)(6)(i), (c)(6)(iv), [G](d)(1)-(2), 63.2450(f)(2)(ii), (q)                           |
| 18           | B-3-1                      | 63G-01            | HAPS      | 63.114(a), (a)(2), (d)(1), [G]63.115(f), [G]63.116(a)                                                                                                                                                   | 63.114(d)(1), [G]63.117(a)(5), 63.118(a)(1)-(2)-(3), [G]63.152(a), [G](f)                                                                                                                                   | 63.114(e), [G]63.117(a)(5), (f), 63.118(f)(2)-(3), (f)(5), [G]63.151(b), (e), [G]63.151(e)(1), (e)(2)-(3), [G](j), [G]63.152(a), (b), [G](b)(1)-(2), (c)(1)-(2), 63.152(c)(2)(i), [G](c)(2)(ii), (c)(2)(iii), 63.152(c)(4)(ii), [G](c)(6) |
|              | B-3-11                     | R5112-01          | VOC       | [G]115.117                                                                                                                                                                                              | 115.118(a)(5)(7)                                                                                                                                                                                            | NONE                                                                                                                                                                                                                                      |
|              | B-3-12                     | R5112-01          | VOC       | [G]115.117                                                                                                                                                                                              | 115.118(a)(5)(7)                                                                                                                                                                                            | NONE                                                                                                                                                                                                                                      |
|              | B-3-13                     | R5112-01          | VOC       | 115.115(a), (a)(6), 115.116(a)(2), [G]115.117                                                                                                                                                           | 115.118(a)(4), (a)(4)(F), (a)(5), 115.118(a)(7)                                                                                                                                                             | NONE                                                                                                                                                                                                                                      |
|              | B-3-14                     | R5112-01          | VOC       | [G]115.117                                                                                                                                                                                              | 115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)                                                                                                                                                             | NONE                                                                                                                                                                                                                                      |
|              | B-3-15                     | R5112-01          | VOC       | 115.115(a), (a)(6), 115.116(a)(2), [G]115.117                                                                                                                                                           | 115.118(a)(4), (a)(4)(F), (a)(5), 115.118(a)(7)                                                                                                                                                             | NONE                                                                                                                                                                                                                                      |
|              | B-3-16                     | R5112-01          | VOC       | [G]115.117                                                                                                                                                                                              | 115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)                                                                                                                                                             | NONE                                                                                                                                                                                                                                      |
|              | B-3-18                     | R5112-01          | VOC       | [G]115.117                                                                                                                                                                                              | 115.118(a)(5)(7)                                                                                                                                                                                            | NONE                                                                                                                                                                                                                                      |

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**Table 1b: Additions**

|                                                       |                                          |                          |
|-------------------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> February 3, 2025                         | <b>Regulated Entity No.:</b> RN100223205 | <b>Permit No.:</b> O1583 |
| <b>Company Name:</b> Rohm and Haas Texas Incorporated | <b>Area Name:</b> B-3/HR Process Area    |                          |

| Revision No. | Unit/Group/ Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements                                                                                            | Recordkeeping Requirements                                                 | Reporting Requirements                                                                                                                                                              |
|--------------|----------------------------|-------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              | B-3-19                     | R5112-01          | VOC       | [G]115.117                                                                                                                     | 115.118(a)(5)(7)                                                           | NONE                                                                                                                                                                                |
|              | B-3-1                      | R1111-01          | PM        | 111.111(a)(4)(A)(i)-(ii)                                                                                                       | 111.111(a)(4)(A)(ii)                                                       | NONE                                                                                                                                                                                |
|              | B-3-1                      | 63A-01            | HAPS      | 63.11(b)(4)-(5), (b)(7)(i)                                                                                                     | NONE                                                                       | NONE                                                                                                                                                                                |
|              | B-3-20                     | R5112-01          | VOC       | [G]115.117                                                                                                                     | 115.118(a)(5)(7)                                                           | NONE                                                                                                                                                                                |
| 1            | B-3-22                     | R5112-01          | VOC       | 115.114(a)(1), (a)(1)(A), [G]115.117                                                                                           | <del>115.118(a)(3),</del> (a)(5), (a)(6)(C), 115.118(a)(7)                 | 115.114(a)(1)(B), 115.118(a)(3)                                                                                                                                                     |
|              | B-3-22                     | 63G-01            | HAPS      | 63.120(a)(2)(i)-(ii)                                                                                                           | 63.120(a)(4), 63.123(a), (c), 63.123(g), [G]63.152(a)                      | 63.120(a)(5)-(6), 63.122(d), 63.122(d)(1)(ii)-(iii), (d)(2)(ii), 63.151(a)(7), [G]63.151(b), [G](j), [G]63.152(a), (b), [G]63.151(b)(1), 63.152(b)(4), (c)(1)-(2), 63.152(c)(4)(ii) |
|              | B-3-34E                    | R5211-01          | VOC       | 115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)                                                                                   | 115.216, (2), (3)(B)                                                       | NONE                                                                                                                                                                                |
|              | B-3-34E                    | R5211-02          | VOC       | 115.212(a)(3)(B), 115.213(b), 115.213(b)(1), 115.214(a)(1)(A), 115.214(a)(1)(A)(i), 115.215, (1), [G]115.215(2), (4), (9)-(10) | 115.213(b)(1), 115.216, (2), 115.216(3)(A), (3)(A)(i)-(iii), 115.216(3)(B) | 115.213(b)(1)-(4)                                                                                                                                                                   |

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

|                                                       |                                          |                          |
|-------------------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> February 3, 2025                         | <b>Regulated Entity No.:</b> RN100223205 | <b>Permit No.:</b> O1583 |
| <b>Company Name:</b> Rohm and Haas Texas Incorporated | <b>Area Name:</b> B-3/HR Process Area    |                          |

| Revision No. | Unit/Group/ Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements                                                                                                                                                                                                                                                        | Recordkeeping Requirements                                                                                                                                                                                                                                                                                                                                                                                           | Reporting Requirements                                                                                                                                                                                                                                                                                                 |
|--------------|----------------------------|-------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              | B-3-34E                    | 63G-01            | HAPS      | [G]63.126(d)(3), 63.127(a), (a)(2), 63.127(d)(1), (e), [G]63.128(b), [G]63.128(f), 63.152(g)(1)(i), [G]63.152(g)(1)(ii), (g)(1)(iii)-(iv) [G]63.152(g)(1)(v), [G]63.172(f)(1)-(2), (g), [G](h), 63.172(j)(1), [G](k)-(l), [G]63.180(b), [G]63.180(d)                                       | 63.127(d)(1), 63.129(a)(1), [G]63.129(a)(5), (d), 63.130(a)(1), (a)(2)(i), 63.130(a)(2)(iii), (b)(1), (c), 63.130(e)-(f), (f)(1)-(3), 63.130(f)(3)(ii), [G]63.152(a), [G]63.152(f), (g)(1), (g)(1)(i), [G]63.152(g)(1)(ii), 63.152(g)(1)(iii)-(iv), [G]63.152(g)(1)(v)-(vi), (g)(2), 63.152(g)(2)(i)-(iii), 63.172(j)(1), [G](k)-(l), 63.181(a), [G](b), (c), [G](d), 63.181(g), (g)(1)(i)-(ii), [G]63.181(g)(2)-(3) | 63.129(a)(2)-(3), [G](a)(5), 63.130(d)(1)-(5), [G]63.151(b), [G](j), [G]63.152(a), (b), [G](b)(1)-(2), (b)(4), 63.152(c)(1)-(2), (c)(2)(i), [G](c)(2)(ii), 63.152(c)(2)(iii), (c)(3), (c)(3)(i)-(ii), 63.152(c)(4)(ii), [G](c)(6), (g)(1) 63.152(g)(2)(i)-(ii), [G]63.182(a)-(b), (c), [G]63.182(c)(1), (c)(4), [G](d) |
|              | B-3-34E                    | 63G-02            | HAPS      | [G]63.116(c), [G]63.126(d)(3), 63.127(a), (a)(1), (a)(1)(i), (d)(1), 63.127(e), 63.128(a)(1)-(4), (e)(2), [G]63.182(f), 63.152(g)(1)(i), [G]63.152(g)(1)(ii), (g)(1)(iii)-(iv), [G]63.152(g)(1)(v), [G]63.172(f)(1)-(2), (g), [G](h), 63.172(j)(1), [G](k)-(l), [G]63.180(b), [G]63.180(d) | 63.127(a)(1), (d)(1), 63.129(a)(1), (a)(4), 63.129(a)(4)(i)-(iii), (d), 63.130(a)(2)(iii), (b)(1), (e)-(f), 63.130(f)(1)-(3), (f)(3)(ii), [G]63.152(a), [G](f), (g)(1), 63.152(g)(1)(i), [G](g)(1)(ii), 63.152(g)(1)(iii)-(iv), [G]63.152(g)(1)(v)-(vi), (g)(2), 63.152(g)(2)(i)-(iii), 63.172(j)(1), [G](k)-(l), 63.181(a), [G](b), (c), [G](d), 63.181(g), (g)(1)(i)-(ii), [G]63.181(g)(2)-(3)                     | 63.129(a)(2)-(4), (a)(4)(i)-(iii), 63.130(d)(1)-(4), [G]63.151(b), [G](j), [G]63.152(a), (b), [G](b)(1)-(2), (b)(4), 63.152(c)(1)-(2), (c)(2)(i), [G](c)(2)(ii), 63.152(c)(2)(iii), (c)(3), (c)(3)(i)-(ii), 63.152(c)(4)(ii), [G](c)(6), (g)(1), (g)(2)(i)-(ii) [G]63.182(a)-(b), (c), [G](c)(1), (c)(4), [G](d)       |

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

|                                                       |                                          |                          |
|-------------------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> February 3, 2025                         | <b>Regulated Entity No.:</b> RN100223205 | <b>Permit No.:</b> O1583 |
| <b>Company Name:</b> Rohm and Haas Texas Incorporated | <b>Area Name:</b> B-3/HR Process Area    |                          |

| Revision No. | Unit/Group/ Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements                                                                                                                                                                                                            | Recordkeeping Requirements                                                                                                                                                                                                                                                                                                                                                                                           | Reporting Requirements                                                                                                                                                                                                                                                                                                 |
|--------------|----------------------------|-------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              | B-3-35E                    | R5211-01          | VOC       | 115.212(a)(3)(B), 115.213(b), (b)(1), 115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (1), [G](2), (3)-(4), (9)-(10)                                                                                                                                  | 115.213(b)(1), 115.216, (2), 115.216(3)(A), (3)(A)(i)-(iii), 115.216(3)(B)                                                                                                                                                                                                                                                                                                                                           | 115.213(b)(1)-(4)                                                                                                                                                                                                                                                                                                      |
|              | B-3-35E                    | R5211-02          | VOC       | 115.212(a)(3)(B), 115.213(b), (b)(1), 115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (1), [G](2), (3)-(4), (9)-(10)                                                                                                                                  | 115.213(b)(1), 115.216, (2), 115.216(3)(A), (3)(A)(i)-(iii), 115.216(3)(B)                                                                                                                                                                                                                                                                                                                                           | 115.213(b)(1)-(4)                                                                                                                                                                                                                                                                                                      |
|              | B-3-35E                    | 63G-01            | HAPS      | [G]63.126(d)(3), 63.127(a), (a)(2), 63.127(d)(1), (e), [G]63.128(b), [G]63.128(f), 63.152(g)(1)(i), [G]63.152(g)(1)(ii), (g)(1)(iii)-(iv) [G]63.152(g)(1)(v), [G]63.172(f)(1)-(2), (g), [G](h), (j)(1), [G]63.172(k)-(l), [G]63.180(b), [G](d) | 63.127(d)(1), 63.129(a)(1), [G]63.129(a)(5), (d), 63.130(a)(1), (a)(2)(i), 63.130(a)(2)(iii), (b)(1), (c), 63.130(e)-(f), (f)(1)-(3), 63.130(f)(3)(ii), [G]63.152(a), [G]63.152(f), (g)(1), (g)(1)(i), [G]63.152(g)(1)(ii), 63.152(g)(1)(iii)-(iv), [G]63.152(g)(1)(v)-(vi), (g)(2), 63.152(g)(2)(i)-(iii), 63.172(j)(1), [G](k)-(l), 63.181(a), [G](b), (c), [G](d), 63.181(g), (g)(1)(i)-(ii), [G]63.181(g)(2)-(3) | 63.129(a)(2)-(3), [G](a)(5), 63.130(d)(1)-(5), [G]63.151(b), [G](j), [G]63.152(a), (b), [G]63.152(b)(1)-(2), (b)(4), (c)(1)-(2), 63.152(c)(2)(i), [G](c)(2)(ii), (c)(2)(iii), (c)(3), 63.152(c)(3)(i)-(ii), (c)(4)(ii), [G](c)(6), (g)(1) 63.152(g)(2)(i)-(ii), [G]63.182(a)-(b), (c), [G]63.182(c)(1), (c)(4), [G](d) |

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

|                                                       |                                          |                          |
|-------------------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> February 3, 2025                         | <b>Regulated Entity No.:</b> RN100223205 | <b>Permit No.:</b> O1583 |
| <b>Company Name:</b> Rohm and Haas Texas Incorporated | <b>Area Name:</b> B-3/HR Process Area    |                          |

| Revision No. | Unit/Group/ Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements                                                                                                                                                                                                                                                        | Recordkeeping Requirements                                                                                                                                                                                                                                                                                                                                                                       | Reporting Requirements                                                                                                                                                                                                                                                                                                       |
|--------------|----------------------------|-------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              | B-3-35E                    | 63G-02            | HAPS      | [G]63.116(c), [G]63.126(d)(3), 63.127(a), (a)(1), (a)(1)(i), (d)(1), 63.127(e), 63.128(a)(1)-(4), (e)(2), [G]63.128(f), 63.152(g)(1)(i), [G]63.152(g)(1)(ii), (g)(1)(iii)-(iv), [G]63.152(g)(1)(v), [G]63.172(f)(1)-(2), (g), [G](h), 63.172(j)(1), [G](k)-(l), [G]63.180(b), [G]63.180(d) | 63.127(a)(1), (d)(1), 63.129(a)(1), (a)(4), 63.129(a)(4)(i)-(iii), (d), 63.130(a)(2)(iii), (b)(1), (e)-(f), 63.130(f)(1)-(3), (f)(3)(ii), [G]63.152(a), [G](f), (g)(1), 63.152(g)(1)(i), [G](g)(1)(ii), 63.152(g)(1)(iii)-(iv), [G]63.152(g)(1)(v)-(vi), (g)(2), 63.152(g)(2)(i)-(iii), 63.172(j)(1), [G](k)-(l), 63.181(a), [G](b), (c), [G](d), 63.181(g), (g)(1)(i)-(ii), [G]63.181(g)(2)-(3) | 63.129(a)(2)-(4), (a)(4)(i)-(iii), 63.130(d)(1)-(4), [G]63.151(b), [G](j), [G]63.152(a), (b), [G](b)(1)-(2), (b)(4), 63.152(c)(1)-(2), (c)(2)(i), [G](c)(2)(ii), 63.152(c)(2)(iii), (c)(3), (c)(3)(i)-(ii), 63.152(c)(4)(ii), [G](c)(6), (g)(1) 63.152(g)(2)(i)-(ii), [G]63.182(a)-(b), (c), [G]63.182(c)(1), (c)(4), [G](d) |
|              | B-3-3                      | R5112-01          | VOC       | [G]115.117                                                                                                                                                                                                                                                                                 | 115.118(a)(5)(7)                                                                                                                                                                                                                                                                                                                                                                                 | NONE                                                                                                                                                                                                                                                                                                                         |
| 12           | B-3-40                     | R5121-01          | VOC       | [G]115.125, 115.126(2)                                                                                                                                                                                                                                                                     | 115.126, 115.126(2), (4)                                                                                                                                                                                                                                                                                                                                                                         | NONE                                                                                                                                                                                                                                                                                                                         |
| 12           | B-3-40                     | 63FFFF-01         | HAPS      | 63.115(d), [G](d)(1), (d)(2), (d)(2)(i), [G]63.115(d)(2)(ii), (d)(2)(iii)-(iv), 63.115(d)(3)(i)-(ii)                                                                                                                                                                                       | NONE                                                                                                                                                                                                                                                                                                                                                                                             | NONE                                                                                                                                                                                                                                                                                                                         |
|              | B-3-42                     | R5112-01          | VOC       | [G]115.117                                                                                                                                                                                                                                                                                 | 115.118(a)(1), (a)(5), (a)(7)                                                                                                                                                                                                                                                                                                                                                                    | NONE                                                                                                                                                                                                                                                                                                                         |
|              | B-3-43                     | R5112-01          | VOC       | [G]115.117                                                                                                                                                                                                                                                                                 | 115.118(a)(1), (a)(5), (a)(7)                                                                                                                                                                                                                                                                                                                                                                    | NONE                                                                                                                                                                                                                                                                                                                         |
|              | B3-43W                     | R5211-01          | VOC       | 115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)                                                                                                                                                                                                                                               | 115.216, (2), (3)(B)                                                                                                                                                                                                                                                                                                                                                                             | NONE                                                                                                                                                                                                                                                                                                                         |
|              | B-3-44                     | R5112-01          | VOC       | [G]115.117                                                                                                                                                                                                                                                                                 | 115.118(a)(1), (a)(5), (a)(7)                                                                                                                                                                                                                                                                                                                                                                    | NONE                                                                                                                                                                                                                                                                                                                         |
|              | B-3-4                      | R5112-01          | VOC       | [G]115.117                                                                                                                                                                                                                                                                                 | 115.118(a)(1), (a)(5), (a)(7)                                                                                                                                                                                                                                                                                                                                                                    | NONE                                                                                                                                                                                                                                                                                                                         |

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

|                                                       |                                          |                          |
|-------------------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> February 3, 2025                         | <b>Regulated Entity No.:</b> RN100223205 | <b>Permit No.:</b> O1583 |
| <b>Company Name:</b> Rohm and Haas Texas Incorporated | <b>Area Name:</b> B-3/HR Process Area    |                          |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant  | Monitoring and Testing Requirements                                                                         | Recordkeeping Requirements                            | Reporting Requirements                                                                                                                                                  |
|--------------|---------------------------|-------------------|------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              | B-3-4                     | 63G-01            | HAPS       | NONE                                                                                                        | 63.123(a)                                             | 63.152(c)(4)(iii)                                                                                                                                                       |
|              | B-3-51                    | R5121-01          | VOC        | [G]115.125, 115.126(1), (1)(A), 115.126(1)(A)(i), (2)                                                       | 115.126, (1), (1)(A), (1)(A)(i), 115.126(2)           | NONE                                                                                                                                                                    |
| 7            | <b>B-3-51</b>             | <b>63FFFF-01</b>  | <b>VOC</b> | <b>63.115(d), [G](d)(1), (d)(2), (d)(2)(i), [G]63.115(d)(2)(ii), (d)(2)(iii)-(iv), 63.115(d)(3)(i)-(ii)</b> | <b>NONE</b>                                           | <b>NONE</b>                                                                                                                                                             |
|              | B-3-55-1                  | R5112-01          | VOC        | [G]115.117                                                                                                  | 115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)       | NONE                                                                                                                                                                    |
|              | B-3-55-1                  | 63G-01            | HAPS       | NONE                                                                                                        | 63.123(a)                                             | 63.152(c)(4)(iii)                                                                                                                                                       |
|              | B-3-55-2                  | R5112-01          | VOC        | [G]115.117                                                                                                  | 115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)       | NONE                                                                                                                                                                    |
|              | B-3-55-2                  | 63G-01            | HAPS       | NONE                                                                                                        | 63.123(a)                                             | 63.152(c)(4)(iii)                                                                                                                                                       |
|              | B-3-56-1                  | R5112-01          | VOC        | [G]115.117                                                                                                  | 115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)       | NONE                                                                                                                                                                    |
|              | B-3-56-2                  | R5112-01          | VOC        | [G]115.117                                                                                                  | 115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)       | NONE                                                                                                                                                                    |
|              | B-3-57-1                  | R5112-01          | VOC        | [G]115.117                                                                                                  | 115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)       | NONE                                                                                                                                                                    |
|              | B-3-57-1                  | 63G-01            | HAPS       | 63.120(a)(2)(i)-(ii)                                                                                        | 63.120(a)(4), 63.123(a), (c), 63.123(g), [G]63.152(a) | 63.120(a)(5)-(6), 63.122(d), (d)(1)(ii)-(iii), 63.122(d)(2)(ii), 63.151(a)(7), [G](b), [G]63.151(j), [G]63.152(a), (b), [G](b)(1), 63.152(b)(4), (c)(1)-(2), (c)(4)(ii) |

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**Table 1b: Additions**

|                                                       |                                          |                          |
|-------------------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> February 3, 2025                         | <b>Regulated Entity No.:</b> RN100223205 | <b>Permit No.:</b> O1583 |
| <b>Company Name:</b> Rohm and Haas Texas Incorporated | <b>Area Name:</b> B-3/HR Process Area    |                          |

| Revision No. | Unit/Group/ Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements | Recordkeeping Requirements                            | Reporting Requirements                                                                                                                                                  |
|--------------|----------------------------|-------------------|-----------|-------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              | B-3-57-2                   | R5112-01          | VOC       | [G]115.117                          | 115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)       | NONE                                                                                                                                                                    |
|              | B-3-57-2                   | 63G-01            | HAPS      | 63.120(a)(2)(i)-(ii)                | 63.120(a)(4), 63.123(a), (c), 63.123(g), [G]63.152(a) | 63.120(a)(5)-(6), 63.122(d), (d)(1)(ii)-(iii), 63.122(d)(2)(ii), 63.151(a)(7), [G](b), [G]63.151(j), [G]63.152(a), (b), [G](b)(1), 63.152(b)(4), (c)(1)-(2), (c)(4)(ii) |
|              | B-3-58-1                   | R5112-01          | VOC       | [G]115.117                          | 115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)       | NONE                                                                                                                                                                    |
|              | B-3-58-2                   | R5112-01          | VOC       | [G]115.117                          | 115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)       | NONE                                                                                                                                                                    |
|              | B-3-59-1                   | R5112-01          | VOC       | [G]115.117                          | 115.118(a)(1), (a)(5), (a)(7)                         | NONE                                                                                                                                                                    |
|              | B-3-59-2                   | R5112-01          | VOC       | [G]115.117                          | 115.118(a)(1), (a)(5), (a)(7)                         | NONE                                                                                                                                                                    |
|              | B-3-5                      | R5112-01          | VOC       | [G]115.117                          | 115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)       | NONE                                                                                                                                                                    |
|              | B-3-5                      | 63G-01            | HAPS      | NONE                                | 63.123(a)                                             | 63.152(c)(4)(iii)                                                                                                                                                       |
|              | B-3-60-1                   | R5112-01          | VOC       | [G]115.117                          | 115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)       | NONE                                                                                                                                                                    |
|              | B-3-60-2                   | R5112-01          | VOC       | [G]115.117                          | 115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)       | NONE                                                                                                                                                                    |
|              | B-3-61                     | R5121-01          | VOC       | [G]115.125, 115.126(2)              | 115.126, (2), (4)                                     | NONE                                                                                                                                                                    |
|              | B-3-7                      | R5112-01          | VOC       | [G]115.117                          | 115.118(a)(5)(7)                                      | NONE                                                                                                                                                                    |
|              | B-3-8                      | R5112-01          | VOC       | [G]115.117                          | 115.118(a)(5)(7)                                      | NONE                                                                                                                                                                    |

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

|                                                       |                                          |                          |
|-------------------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> February 3, 2025                         | <b>Regulated Entity No.:</b> RN100223205 | <b>Permit No.:</b> O1583 |
| <b>Company Name:</b> Rohm and Haas Texas Incorporated | <b>Area Name:</b> B-3/HR Process Area    |                          |

| Revision No. | Unit/Group/ Process ID No. | SOP/GOP Index No. | Pollutant       | Monitoring and Testing Requirements                                                                                                                                       | Recordkeeping Requirements                                                                 | Reporting Requirements                                                                                                                       |
|--------------|----------------------------|-------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
|              | B-3-9                      | R5112-01          | VOC             | [G]115.117                                                                                                                                                                | 115.118(a)(5)(7)                                                                           | NONE                                                                                                                                         |
|              | B-3-BAY4TL                 | R5112-01          | VOC             | 115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)                                                                                                                              | 115.216, (2), (3)(B)                                                                       | NONE                                                                                                                                         |
|              | B3MMA_PRO                  | 63F-01            | HAPS            | 63.103(b)(1), (b)(3)-(4), [G](b)(5), 63.103(b)(6), [G]63.104(c)                                                                                                           | [G]63.103(c), [G]63.104(c), [G]63.104(e)(2), [G](f)(1), [G]63.105(b), (c), (e)             | 63.103(b)(2), [G](b)(5), [G](d), [G]63.104(f)(2)                                                                                             |
|              | B-3-SUB5                   | R7ICI-01          | NO <sub>x</sub> | 117.8140(a), (a)(3)                                                                                                                                                       | 117.340(j), [G]117.345(f)(6), [G]117.345(f)(10)                                            | NONE                                                                                                                                         |
|              | B-3-SUB21                  | R7ICI-01          | NO <sub>x</sub> | 117.8140(a), (a)(3)                                                                                                                                                       | 117.340(j), 117.345(f), [G](f)(6), [G]117.345(f)(10)                                       | NONE                                                                                                                                         |
| 1            | B-3-SUB21                  | 63ZZZZ-01         | HAPS            | 63.6625(f), (i), 63.6640(a), 63.6640(a)-Table 6.9.a.i-ii                                                                                                                  | 63.6625(i), <b>63.6655(e)</b> , 63.6655(f), 63.6660(a)-(c)                                 | 63.6640(e), 63.6650(f)                                                                                                                       |
|              | B-4-4                      | R5112-01          | VOC             | [G]115.117                                                                                                                                                                | 115.118(a)(5)(7)                                                                           | NONE                                                                                                                                         |
|              | B-4-5                      | R5112-01          | VOC             | [G]115.117                                                                                                                                                                | 115.118(a)(5)(7)                                                                           | NONE                                                                                                                                         |
| 13           | GRP-HRPRHT                 | 63DDDDD-01        | HAPS            | <b>63.7515(d), [G]63.7521(f)-(g), (h)-(i), 63.7530(g), 63.7540(a), [G](a)(10), [G]63.7540(c)</b><br>General high level applicability                                      | <b>63.7555(a), (a)(1)-(2), (g)-(h), 63.7560(a)-(c)</b><br>General high level applicability | <b>[G]63.7521(g), 63.7530(e), (f), 63.7545(a)-(c), [G](e)-(f), 63.7550(a), [G]63.7550(b)-(c), [G](h)</b><br>General high level applicability |
|              | GRP-HRHT2                  | R7ICI-01          | NO <sub>x</sub> | [G]117.335(a)(1), (a)(4), (b), (d)-(e), 117.335(g), 117.340(a), (l)(2), (o)(1), 117.340(p)(1), (p)(2)(A)-(C), 117.8000(b)-(c), (c)(1), (c)(3), 117.8000(c)(5)-(6), [G](d) | 117.345(a), (f), (f)(1), (f)(9)                                                            | 117.335(b), (g), 117.340(p)(2)(D), [G]117.345(b)-(c), 117.8010, [G](1), (2), 117.8010(2)(A)-(D), [G](3), (4), [G](5), (6) [G]117.8010(7)-(8) |

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

|                                                       |                                          |                          |
|-------------------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> February 3, 2025                         | <b>Regulated Entity No.:</b> RN100223205 | <b>Permit No.:</b> O1583 |
| <b>Company Name:</b> Rohm and Haas Texas Incorporated | <b>Area Name:</b> B-3/HR Process Area    |                          |

| Revision No. | Unit/Group/ Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements                                                                                                                              | Recordkeeping Requirements                                                                                                                                     | Reporting Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------|----------------------------|-------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              | GRP-HRHT2                  | R7ICI-01          | CO        | [G]117.335(a)(1), (a)(4), (b), (d)-(e), 117.335(g), 117.340(a), 117.8000(b)-(c), (c)(2)-(3) 117.8000(c)(5)-(6), [G](d), 117.8120, 117.8120(2), [G](2)(A), (2)(B) | 117.345(a), (f), (f)(1), (f)(9)                                                                                                                                | 117.335(b), (g), [G]117.345(b)-(c), 117.8010, [G]117.8010(1), (2), (2)(A)-(B), [G](3), (4), [G]117.8010(5), (6), [G](7)-(8)                                                                                                                                                                                                                                                                                                                                     |
|              | GRP-MMAFUG                 | R5352-ALL         | VOC       | ALL                                                                                                                                                              | ALL                                                                                                                                                            | ALL                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|              | GRP-MMAFUG                 | 63H-ALL           | HAP       | ALL                                                                                                                                                              | ALL                                                                                                                                                            | ALL                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|              | GRP-MAAFUG                 | R5352-ALL         | VOC       | ALL                                                                                                                                                              | ALL                                                                                                                                                            | ALL                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|              | GRP-MAAFUG                 | 63H-ALL           | HAP       | ALL                                                                                                                                                              | ALL                                                                                                                                                            | ALL                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 2            | GRP-MAAFUG                 | 63FFFF-01         | HAP       | [G]63.180(b)-(d), 63.2480(b)(7), 63.2480(e)(2)(ii), [G](e)(2)-(5)<br>General High Level Applicability                                                            | 63.181(a), [G](b), (c), [G](f), 63.2445(g)(7), 63.2525(a), [G]63.2525(b), (f), (j), [G](p), [G]63.2525(q), (t), (u)(1)-(3)<br>General High Level Applicability | [G]63.182(a)-(b), (c), [G](c)(1), (c)(4), [G](d), 63.2445(c), (g)(7), 63.2450(m)(1)-(3), 63.2515(a), (b)(1), (d), 63.2520(a), Table 11.1-11.3, [G]63.2520(b), (d), 63.2520(d)(1)-(2), (d)(2)(i)-(vii), [G](d)(4), 63.2520(e), (e)(1)-(4), (e)(5)(i)-(ii), 63.2520(e)(5)(ii)(A)-(B), (e)(5)(ii)(D), 63.2520(e)(5)(iii)(C), (e)(5)(iii)(E), 63.2520(e)(7), (e)(9)-(10), [G](e)(10)(i), 63.2520(e)(10)(ii)(C), [G](e)(14)-(15)<br>General High Level Applicability |
|              | HR-21                      | R5112-01          | VOC       | [G]115.117                                                                                                                                                       | 115.118(a)(1), (a)(5), (a)(7)                                                                                                                                  | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|              | HR-22                      | R5112-01          | VOC       | [G]115.117                                                                                                                                                       | 115.118(a)(1), (a)(5), (a)(7)                                                                                                                                  | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

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

|                                                       |                                          |                          |
|-------------------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> February 3, 2025                         | <b>Regulated Entity No.:</b> RN100223205 | <b>Permit No.:</b> O1583 |
| <b>Company Name:</b> Rohm and Haas Texas Incorporated | <b>Area Name:</b> B-3/HR Process Area    |                          |

| Revision No. | Unit/Group/ Process ID No. | SOP/GOP Index No. | Pollutant       | Monitoring and Testing Requirements                                                                                                                                                                                                                                                         | Recordkeeping Requirements                                                                                                                                                                                                                    | Reporting Requirements                                                                                                                                                           |
|--------------|----------------------------|-------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              | HR-8                       | R1111-01          | PM              | [G]111.111(a)(1)(F)                                                                                                                                                                                                                                                                         | NONE                                                                                                                                                                                                                                          | NONE                                                                                                                                                                             |
| 18           | <b>HR-8</b>                | <b>R5121-01</b>   | <b>VOC</b>      | <b>[G]115.125, 115.126(1), (1)(A), 115.126(1)(A)(i), (2)</b>                                                                                                                                                                                                                                | <b>115.126, (1), (1)(A), (1)(A)(i), 115.126(2)</b>                                                                                                                                                                                            | <b>NONE</b>                                                                                                                                                                      |
| 18           | <b>HR-8</b>                | <b>63FFFF-01</b>  | <b>HAPS</b>     | <b>[G]63.115(d)(2)(v), (d)(3)(iii), 63.983(a)(3), (a)(3)(i), (b), [G]63.983(b)(1)-(3), [G](b)(4), [G]63.983(c)(1), (c)(2)-(3), (d)(1), 63.983(d)(1)(ii), 63.996(b)(1), 63.996(b)(1)(i), (b)(2), 63.997(c)(2)-(3), (c)(3)(iii), 63.2450(g), (g)(1)-(2), [G](g)(3), 63.2450(g)(4), (k)(6)</b> | <b>63.983(a)(3)(i), (b), [G](d)(2), 63.996(c)(2)(ii), 63.998(a)(2)(ii)(B)(5), [G]63.998(b)(1)-(3), [G](b)(5), [G]63.998(c)(1), (c)(2)(iii), 63.998(c)(3)(iii), [G](d)(1), [G]63.998(d)(3)(i)-(ii), (d)(5), 63.2450(k)(6), 63.2525(g), (h)</b> | <b>63.996(b)(2), (c)(6), 63.997(c)(3), [G]63.998(b)(3), [G]63.999(a)(1), [G](b)(3), 63.999(b)(5), (c)(1), (c)(2)(i)-(ii), (c)(6), [G]63.999(c)(6)(i), (c)(6)(iv), 63.2450(q)</b> |
| 18           | <b>HR-8</b>                | <b>63G-01</b>     | <b>HAPS</b>     | <b>63.114(d)(1), [G]63.115(f)</b>                                                                                                                                                                                                                                                           | <b>63.114(d)(1), 63.117(a)(4), 63.117(a)(4)(iii), 63.118(a)(3), [G]63.152(a)</b>                                                                                                                                                              | <b>63.117(a)(4), (a)(4)(iii), 63.118(f)(3), [G]63.151(b), (e), [G](e)(1), (e)(2)-(3), [G](j), [G]63.152(a), (b), [G](b)(1), (c)(1)-(2), 63.152(c)(4)(ii), [G](c)(6)</b>          |
|              | HTRES-FUG                  | R5352-ALL         | VOC             | ALL                                                                                                                                                                                                                                                                                         | ALL                                                                                                                                                                                                                                           | ALL                                                                                                                                                                              |
|              | HTRES-FUG                  | 63H-ALL           | HAP             | ALL                                                                                                                                                                                                                                                                                         | ALL                                                                                                                                                                                                                                           | ALL                                                                                                                                                                              |
|              | PRO-HR-1                   | R200-01           | SO <sub>2</sub> | 112.2(a), 112.5(c)                                                                                                                                                                                                                                                                          | 112.2(c)                                                                                                                                                                                                                                      | 112.2(b)                                                                                                                                                                         |
|              | PRO-HR-1                   | R200-01           | HS              | 112.43(b)-(c), [G](c)(1)-(2), 112.45(a)                                                                                                                                                                                                                                                     | [G]112.45(b)                                                                                                                                                                                                                                  | NONE                                                                                                                                                                             |
|              | PRO-HR-2                   | R200-01           | SO <sub>2</sub> | 112.2(a), 112.5(c)                                                                                                                                                                                                                                                                          | 112.2(c)                                                                                                                                                                                                                                      | 112.2(b)                                                                                                                                                                         |
|              | PRO-HR-2                   | R200-01           | HS              | 112.43(b)-(c), [G](c)(1)-(2), 112.45(a)                                                                                                                                                                                                                                                     | [G]112.45(b)                                                                                                                                                                                                                                  | NONE                                                                                                                                                                             |
|              | PRO-HR-3                   | R200-01           | SO <sub>2</sub> | 112.2(a), 112.5(c)                                                                                                                                                                                                                                                                          | 112.2(c)                                                                                                                                                                                                                                      | 112.2(b)                                                                                                                                                                         |

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

|                                                       |                                          |                          |
|-------------------------------------------------------|------------------------------------------|--------------------------|
| <b>Date:</b> February 3, 2025                         | <b>Regulated Entity No.:</b> RN100223205 | <b>Permit No.:</b> O1583 |
| <b>Company Name:</b> Rohm and Haas Texas Incorporated | <b>Area Name:</b> B-3/HR Process Area    |                          |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant                      | Monitoring and Testing Requirements                                | Recordkeeping Requirements                                                           | Reporting Requirements                                                                                                                                                                                                            |
|--------------|---------------------------|-------------------|--------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              | PRO-HR-3                  | R200-01           | HS                             | 112.43(b)-(c), [G](c)(1)-(2), 112.45(a)                            | [G]112.45(b)                                                                         | NONE                                                                                                                                                                                                                              |
|              | PRO-HR-3                  | 60H-01            | SO <sub>2</sub>                | 60.84(a), (b), (b)(1)-(3), (c)                                     | NONE                                                                                 | 60.84(e)                                                                                                                                                                                                                          |
|              | PRO-HR-3                  | 60H-01            | H <sub>2</sub> SO <sub>4</sub> | 60.85(a), (b)(1)-(3)                                               | NONE                                                                                 | NONE                                                                                                                                                                                                                              |
|              | PRO-HR-3                  | 60H-01            | PM                             | 60.85(a), (b)(4)                                                   | NONE                                                                                 | NONE                                                                                                                                                                                                                              |
|              | PRO_B3/B4M<br>MA          | 63F-01            | 112(B)<br>HAPS                 | 63.103(b)(1), (b)(3)-(4), [G](b)(5),<br>63.103(b)(6), [G]63.104(c) | [G]63.103(c), [G]63.104(c),<br>[G]63.104(e)(2), [G](f)(1),<br>[G]63.105(b), (c), (e) | 63.103(b)(2), [G](b)(5), [G](d),<br>[G]63.104(f)(2)                                                                                                                                                                               |
|              | PRO_B3MMA<br>/GMAA        | 63FFFF-01         | 112(B)<br>HAPS                 | 63.2445(d)                                                         | 63.2525, (a), [G](b), (c), (f), (j)                                                  | 63.2435(d), 63.2445(c), 63.2450(g)(5), (m),<br>63.2450(m)(1)-(2), 63.2515(a), (b)(1), (c),<br>63.2520(a), [G](b)-(d), (e), (e)(1), [G](e)(10),<br>63.2520(e)(2)-(5), (e)(5)(i), [G](e)(5)(ii)-(iii),<br>63.2520(e)(6)-(7), (e)(9) |

**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 |
|------------------|---------------|-------------------------|
| February 3, 2025 | O1583         | RN100223205             |

| Unit ID No.                                     |                                                   | Registration No. | PBR No.                          | Registration Date |
|-------------------------------------------------|---------------------------------------------------|------------------|----------------------------------|-------------------|
| <i>B3CHILL</i>                                  |                                                   | <i>126178</i>    | <i>106.373</i>                   | <i>02/27/2015</i> |
| <i>B-3-55-1</i><br><i>B-3-55-1</i>              |                                                   | <i>145125</i>    | <i>106.261</i><br><i>106.262</i> | <i>03/15/2017</i> |
| <i>B-3-47</i><br><i>B-3-48</i>                  |                                                   | <i>161251</i>    | <i>106.261</i><br><i>106.262</i> | <i>05/13/2020</i> |
| <i>B-3-1</i>                                    |                                                   | <i>162074</i>    | <i>106.261</i><br><i>106.262</i> | <i>08/17/2020</i> |
| <i>B-3-47</i><br><i>B-3-48</i><br><i>B-3-49</i> | <i>B-3-50</i><br><i>B-4-9</i><br><i>HTRES-FUG</i> | <i>164537</i>    | <i>106.261</i><br><i>106.262</i> | <i>05/04/2021</i> |
| <i>B-3-47</i><br><i>B-3-48</i><br><i>B-3-49</i> | <i>B-3-50</i><br><i>B-4-9</i>                     | <i>168470</i>    | <i>106.261</i><br><i>106.262</i> | <i>05/04/2022</i> |
| <i>B-3-47</i><br><i>B-3-48</i>                  | <i>B-3-49</i><br><i>B-3-50</i>                    | <i>171729</i>    | <i>106.261</i><br><i>106.262</i> | <i>03/01/2023</i> |
| <i>B-3-47</i><br><i>B-3-48</i>                  | <i>B-3-49</i>                                     | <i>172167</i>    | <i>106.261</i><br><i>106.262</i> | <i>04/13/2023</i> |
| <i>B-3-47</i><br><i>B-3-48</i>                  | <i>B-3-49</i>                                     | <i>175711</i>    | <i>106.261</i><br><i>106.262</i> | <i>08/26/2024</i> |
| <i>B-3-4</i>                                    |                                                   | <i>178426</i>    | <i>106.261</i><br><i>106.262</i> | <i>12/06/2024</i> |
| <i>HR-8</i><br><i>HR-FUG</i>                    |                                                   | <i>177771</i>    | <i>106.261</i><br><i>106.262</i> | <i>10/31/2024</i> |

**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 |
|------------------|---------------|-------------------------|
| February 3, 2025 | O1583         | RN100223205             |

| Unit ID No.                                                                                           | PBR No.        | Version No./Date  |
|-------------------------------------------------------------------------------------------------------|----------------|-------------------|
| <i>CT-3</i>                                                                                           | <i>106.371</i> | <i>09/04/2000</i> |
| <i>B-3-DEGR</i>                                                                                       | <i>106.454</i> | <i>09/04/2000</i> |
| <i>B-3-47</i><br><i>HR-8</i><br><i>HR-1</i>                                                           | <i>106.264</i> | <i>09/04/2000</i> |
| <i>B3-SUB21</i><br><i>B3-SUB5</i>                                                                     | <i>106.511</i> | <i>09/04/2000</i> |
| <i>38244</i>                                                                                          | <i>106.472</i> | <i>09/04/2000</i> |
| <i>PRO-HR-1</i><br><i>PRO-HR-2</i><br><i>PRO-HR-3</i><br><i>PRO_B3/B4MMA</i><br><i>PRO_B3MAA/GMAA</i> | <i>106.263</i> | <i>11/01/2001</i> |

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

| Date             | Permit Number | Regulated Entity Number |
|------------------|---------------|-------------------------|
| February 3, 2025 | O1583         | RN100223205             |

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

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

| Date             | Permit Number | Regulated Entity Number |
|------------------|---------------|-------------------------|
| February 3, 2025 | O1583         | RN100223205             |

| Unit ID No.                |                              | PBR No.            | Version No./Date Or Registration No. | Monitoring Requirement                                                                                                                                                                            |
|----------------------------|------------------------------|--------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B3CHILL                    |                              | 106.373            | 126178                               | Maintain records of refrigerant type and usage.                                                                                                                                                   |
| B-3-55-1<br>B-3-55-1       |                              | 106.261<br>106.262 | 145125                               | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023). |
| B-3-47<br>B-3-48           |                              | 106.261<br>106.262 | 161251                               | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023). |
| B-3-1                      |                              | 106.261<br>106.262 | 162074                               | Flare will continue to meet the monitoring and recordkeeping requirements of NSR 1257A SC #7 for minimum net heating value and exit velocity.                                                     |
| B-3-47<br>B-3-48<br>B-3-49 | B-3-50<br>B-4-9<br>HTRES-FUG | 106.261<br>106.262 | 164537                               | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023). |
| B-3-47<br>B-3-48<br>B-3-49 | B-3-50<br>B-4-9              | 106.261<br>106.262 | 168470                               | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023). |
| B-3-47<br>B-3-48           | B-3-49<br>B-3-50             | 106.261<br>106.262 | 171729                               | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023). |
| B-3-47<br>B-3-48<br>B-3-49 |                              | 106.261<br>106.262 | 172167                               | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023). |
| B-3-47<br>B-3-48<br>B-3-49 |                              | 106.261<br>106.262 | 175711                               | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28MID as required by NSR 1257A SC #5 and SC #6 (Issued 11/14/2023). |

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

| Date             | Permit Number | Regulated Entity Number |
|------------------|---------------|-------------------------|
| February 3, 2025 | O1583         | RN100223205             |

| Unit ID No.                                                                   | PBR No.                    | Version No./Date Or Registration No. | Monitoring Requirement                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------|----------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>B-3-4</i>                                                                  | <i>106.261<br/>106.262</i> | <i>178426</i>                        | <i>Maintain records of emissions to demonstrate compliance with 106.261(a)(2)-(3) and 106.262(a)(2)-(3) as required by NSR 1257A SC #15.E. (Issuance Date 11/14/2023).</i>                                                                                  |
| <i>HR-8<br/>HR-FUG</i>                                                        | <i>106.261<br/>106.262</i> | <i>177771</i>                        | <i>Maintain records of emissions to demonstrate compliance with 106.261(a)(2)-(3) and 106.262(a)(2)-(3) as required by NSR 751 SC #16 (Issuance Date 06/04/2024).</i>                                                                                       |
| <i>CT B-3</i>                                                                 | <i>106.371</i>             | <i>09/04/2000</i>                    | <i>Maintain records to ensure cooling tower is not being used in direct contact with gaseous or liquid process streams containing carbon compounds, sulfur compounds, halogens or halogen compounds, cyanide compounds, inorganic acids, or acid gases.</i> |
| <i>B-3-DEGR</i>                                                               | <i>106.454</i>             | <i>09/04/2000</i>                    | <i>Maintain records of solvent makeup.</i>                                                                                                                                                                                                                  |
| <i>B-3-47<br/>HR-8<br/>HR-1</i>                                               | <i>106.264</i>             | <i>09/04/2000</i>                    | <i>Maintain records of throughput.</i>                                                                                                                                                                                                                      |
| <i>B3-SUB21<br/>B3-SUB5</i>                                                   | <i>106.511</i>             | <i>09/04/2000</i>                    | <i>Maintain records of operation.</i>                                                                                                                                                                                                                       |
| <i>38244</i>                                                                  | <i>106.472</i>             | <i>09/04/2000</i>                    | <i>Maintain records of tank service and annual throughput.</i>                                                                                                                                                                                              |
| <i>PRO-HR-1<br/>PRO-HR-2<br/>PRO-HR-3<br/>PRO_B3/B4MMA<br/>PRO_B3MAA/GMAA</i> | <i>106.263</i>             | <i>11/01/2001</i>                    | <i>Track emissions on a rolling 12-month basis.</i>                                                                                                                                                                                                         |

# **Section E – Compliance Certification Forms**

**Form OP-MON**

**Form OP-ACPS**

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.: <b>HG-0632-T</b>                                                                            | RN No.: <b>RN100223205</b> | CN: <b>CN605605831</b> |
| Permit No.: <b>O1583</b>                                                                                 | Project No.: <b>TBD</b>    |                        |
| Area Name: <b>B-3/HR Process Area</b>                                                                    |                            |                        |
| Company Name: <b>Rohm and Haas Texas Incorporated</b>                                                    |                            |                        |
| <b>II. Unit/Emission Point/Group/Process Information</b>                                                 |                            |                        |
| Revision No.: 14                                                                                         |                            |                        |
| Unit/EPN/Group/Process ID No.: <b>HR-8</b>                                                               |                            |                        |
| Applicable Form: <b>OP-UA15</b>                                                                          |                            |                        |
| <b>III. Applicable Regulatory Requirement</b>                                                            |                            |                        |
| Name: <b>30 TAC Chapter 115, Vent Gas Controls</b>                                                       |                            |                        |
| SOP/GOP Index No.: <b>R5121-02</b>                                                                       |                            |                        |
| Pollutant: <b>VOC</b>                                                                                    |                            |                        |
| Main Standard: <b>115.122(a)(2)</b>                                                                      |                            |                        |
| <b>IV. Title V Monitoring Information</b>                                                                |                            |                        |
| Monitoring Type: <b>CAM</b>                                                                              |                            |                        |
| Unit Size: <b>SM</b>                                                                                     |                            |                        |
| CAM/PM Option No.: <b>CAM-TI-001</b>                                                                     |                            |                        |
| Deviation Limit: : <b>Combustion temperature &lt;800 degrees Celsius</b>                                 |                            |                        |
| CAM/PM Option No.:                                                                                       |                            |                        |
| Deviation Limit:                                                                                         |                            |                        |
| <b>V. Control Device Information</b>                                                                     |                            |                        |
| Control Device ID No.: <b>HR-8</b>                                                                       |                            |                        |
| Control Device Type: <b>Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)</b> |                            |                        |

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

|                                                       |                                          |                                       |
|-------------------------------------------------------|------------------------------------------|---------------------------------------|
| <b>Date:</b> February 3, 2025                         | <b>Regulated Entity No.:</b> RN100223205 | <b>Permit No.:</b> O1583              |
| <b>Company Name:</b> Rohm and Haas Texas Incorporated |                                          | <b>Area Name:</b> B-3/HR Process Area |

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

**Part 1**

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

## **Section F – Major NSR Summary Table**

**Major NSR Summary Table**

| Permits Numbers: <b>Number 751 and PSDTX987</b> |                  |                                |                |         | Issuance Date: <b>6/6/2024</b>      |                                 |                         |
|-------------------------------------------------|------------------|--------------------------------|----------------|---------|-------------------------------------|---------------------------------|-------------------------|
| Emission Point No. (1)                          | Source Name (2)  | Air Contaminant Name (3)       | Emission Rates |         | Monitoring and Testing Requirements | Recordkeeping Requirements      | Reporting Requirements  |
|                                                 |                  |                                | lbs/hour       | TPY (4) | Spec. Cond./Appl. Info.             | Spec. Cond./Appl. Info.         | Spec. Cond./Appl. Info. |
| 35-HR-5                                         | HR-I Preheater   | NOx                            | 2.08           | 9.12    | 5, 6, 12, 15                        | 5, 6, 9, 10, 12, 13, 14, 15, 25 | 5, 12, 15               |
|                                                 |                  | SO <sub>2</sub> ( <b>PSD</b> ) | 1.17           | 5.11    |                                     |                                 |                         |
|                                                 |                  | CO                             | 6.86           | 30.04   |                                     |                                 |                         |
|                                                 |                  | PM                             | 0.62           | 2.72    |                                     |                                 |                         |
|                                                 |                  | PM <sub>10</sub>               | 0.62           | 2.72    |                                     |                                 |                         |
|                                                 |                  | PM <sub>2.5</sub>              | 0.62           | 2.72    |                                     |                                 |                         |
|                                                 |                  | VOC                            | 0.17           | 0.73    |                                     |                                 |                         |
| 36-HR-5                                         | HR-II Preheater  | NOx                            | 1.39           | 6.08    | 5, 6, 12, 15                        | 5, 6, 9, 10, 12, 13, 14, 15, 25 | 5, 12, 15               |
|                                                 |                  | SO <sub>2</sub> ( <b>PSD</b> ) | 1.05           | 4.60    |                                     |                                 |                         |
|                                                 |                  | CO                             | 6.17           | 27.05   |                                     |                                 |                         |
|                                                 |                  | PM                             | 0.56           | 2.45    |                                     |                                 |                         |
|                                                 |                  | PM <sub>10</sub>               | 0.56           | 2.45    |                                     |                                 |                         |
|                                                 |                  | PM <sub>2.5</sub>              | 0.56           | 2.45    |                                     |                                 |                         |
|                                                 |                  | VOC                            | 0.40           | 1.77    |                                     |                                 |                         |
| 38-HR-5                                         | HR-III Preheater | NOx                            | 1.39           | 6.08    | 5, 6, 12, 15                        | 5, 6, 9, 10, 12, 13, 14, 15, 25 | 5, 12, 15               |
|                                                 |                  | SO <sub>2</sub> ( <b>PSD</b> ) | 1.05           | 4.60    |                                     |                                 |                         |
|                                                 |                  | CO                             | 6.18           | 27.05   |                                     |                                 |                         |
|                                                 |                  | PM                             | 0.56           | 2.45    |                                     |                                 |                         |
|                                                 |                  | PM <sub>10</sub>               | 0.56           | 2.45    |                                     |                                 |                         |
|                                                 |                  | PM <sub>2.5</sub>              | 0.56           | 2.45    |                                     |                                 |                         |

### Major NSR Summary Table

| Permits Numbers: <b>Number 751 and PSDTX987</b> |                    |                                |                |         | Issuance Date: <b>6/6/2024</b>      |                            |                         |
|-------------------------------------------------|--------------------|--------------------------------|----------------|---------|-------------------------------------|----------------------------|-------------------------|
| Emission Point No. (1)                          | Source Name (2)    | Air Contaminant Name (3)       | Emission Rates |         | Monitoring and Testing Requirements | Recordkeeping Requirements | Reporting Requirements  |
|                                                 |                    |                                | lbs/hour       | TPY (4) | Spec. Cond./Appl. Info.             | Spec. Cond./Appl. Info.    | Spec. Cond./Appl. Info. |
|                                                 |                    | VOC                            | 0.40           | 1.77    |                                     |                            |                         |
| 35-HR-11                                        | HR-I Short Stack   | NOx                            | 23.10          | 16.17   | 5, 6, 12, 15                        | 5, 6, 12, 13, 14, 15, 25   | 5, 12, 15               |
|                                                 |                    | SO <sub>2</sub> ( <b>PSD</b> ) | 1.18           | 0.82    |                                     |                            |                         |
|                                                 |                    | CO                             | 6.93           | 4.85    |                                     |                            |                         |
|                                                 |                    | PM                             | 0.63           | 0.44    |                                     |                            |                         |
|                                                 |                    | PM <sub>10</sub>               | 0.63           | 0.44    |                                     |                            |                         |
|                                                 |                    | PM <sub>2.5</sub>              | 0.63           | 0.44    |                                     |                            |                         |
|                                                 |                    | VOC                            | 0.45           | 0.32    |                                     |                            |                         |
| 36-HR-11                                        | HR-II Short Stack  | NOx                            | 23.10          | 16.17   | 5, 6, 12, 15                        | 5, 6, 12, 13, 14, 15, 25   | 5, 12, 15               |
|                                                 |                    | SO <sub>2</sub> ( <b>PSD</b> ) | 1.18           | 0.82    |                                     |                            |                         |
|                                                 |                    | CO                             | 6.93           | 4.85    |                                     |                            |                         |
|                                                 |                    | PM                             | 0.63           | 0.44    |                                     |                            |                         |
|                                                 |                    | PM <sub>10</sub>               | 0.63           | 0.44    |                                     |                            |                         |
|                                                 |                    | PM <sub>2.5</sub>              | 0.63           | 0.44    |                                     |                            |                         |
|                                                 |                    | VOC                            | 0.45           | 0.32    |                                     |                            |                         |
| 38-HR-11                                        | HR-III Short Stack | NOx                            | 15.68          | 10.97   | 5, 6, 12, 15                        | 5, 6, 12, 13, 14, 15, 25   | 5, 12, 15               |
|                                                 |                    | SO <sub>2</sub> ( <b>PSD</b> ) | 1.18           | 0.82    |                                     |                            |                         |
|                                                 |                    | CO                             | 6.93           | 4.85    |                                     |                            |                         |
|                                                 |                    | PM                             | 0.63           | 0.44    |                                     |                            |                         |
|                                                 |                    | PM <sub>10</sub>               | 0.63           | 0.44    |                                     |                            |                         |
|                                                 |                    | PM <sub>2.5</sub>              | 0.63           | 0.44    |                                     |                            |                         |

**Major NSR Summary Table**

| Permits Numbers: <b>Number 751 and PSDTX987</b> |                                           |                                      |                |         | Issuance Date: <b>6/6/2024</b>      |                               |                         |
|-------------------------------------------------|-------------------------------------------|--------------------------------------|----------------|---------|-------------------------------------|-------------------------------|-------------------------|
| Emission Point No. (1)                          | Source Name (2)                           | Air Contaminant Name (3)             | Emission Rates |         | Monitoring and Testing Requirements | Recordkeeping Requirements    | Reporting Requirements  |
|                                                 |                                           |                                      | lbs/hour       | TPY (4) | Spec. Cond./Appl. Info.             | Spec. Cond./Appl. Info.       | Spec. Cond./Appl. Info. |
|                                                 |                                           | VOC                                  | 0.45           | 0.32    |                                     |                               |                         |
| HR-8                                            | HR Davy Stack                             | H <sub>2</sub> SO <sub>4</sub> (PSD) | 16.36          | 57.31   | 5, 11, 15, 17, 18                   | 5, 11, 13, 15, 16, 17, 18, 25 | 5, 11, 15               |
|                                                 |                                           | NO <sub>x</sub>                      | 65.89          | 226.15  |                                     |                               |                         |
|                                                 |                                           | SO <sub>2</sub> (PSD)                | 434.90         | 1769.60 |                                     |                               |                         |
|                                                 |                                           | CO                                   | 1.01           | 3.54    |                                     |                               |                         |
|                                                 |                                           | PM                                   | 23.55          | 77.46   |                                     |                               |                         |
|                                                 |                                           | PM <sub>10</sub>                     | 23.55          | 77.46   |                                     |                               |                         |
|                                                 |                                           | PM <sub>2.5</sub>                    | 23.55          | 77.46   |                                     |                               |                         |
|                                                 |                                           | VOC                                  | 11.78          | 25.38   |                                     |                               |                         |
| 96631                                           | H <sub>2</sub> SO <sub>4</sub> Tank 96631 | H <sub>2</sub> SO <sub>4</sub> (PSD) | <0.01          | <0.01   | 5                                   | 5, 25                         | 5                       |
| 96632                                           | H <sub>2</sub> SO <sub>4</sub> Tank 96632 | H <sub>2</sub> SO <sub>4</sub> (PSD) | <0.01          | <0.01   | 5                                   | 5, 25                         | 5                       |
| 35630                                           | Primene Salt Tank                         | NH <sub>3</sub>                      | 0.19           | 0.06    |                                     |                               |                         |
| HR_MSSTK                                        | Fixed Roof Tank MSS                       | H <sub>2</sub> SO <sub>4</sub>       | 0.02           | <0.01   | 18, 19                              | 18, 19, 23, 25                |                         |
| HR_MSSPH                                        | Pump and Heat Exchanger MSS               | VOC                                  | <0.01          | <0.01   | 18                                  | 18, 22, 25                    |                         |
|                                                 |                                           | SO <sub>2</sub>                      | 0.09           | <0.01   |                                     |                               |                         |
|                                                 |                                           | H <sub>2</sub> SO <sub>4</sub>       | 0.02           | <0.01   |                                     |                               |                         |
| HR_DEGAS                                        | Process Openings for MSS                  | VOC                                  | 2.67           | <0.01   | 17, 18                              | 17, 18, 25                    |                         |
|                                                 |                                           | SO <sub>2</sub>                      | 3.58           | 0.01    |                                     |                               |                         |
|                                                 |                                           | H <sub>2</sub> SO <sub>4</sub>       | <0.01          | <0.01   |                                     |                               |                         |

**Major NSR Summary Table**

| Permits Numbers: <b>Number 751 and PSDTX987</b> |                                      |                                |                |         | Issuance Date: <b>6/6/2024</b>      |                            |                         |
|-------------------------------------------------|--------------------------------------|--------------------------------|----------------|---------|-------------------------------------|----------------------------|-------------------------|
| Emission Point No. (1)                          | Source Name (2)                      | Air Contaminant Name (3)       | Emission Rates |         | Monitoring and Testing Requirements | Recordkeeping Requirements | Reporting Requirements  |
|                                                 |                                      |                                | lbs/hour       | TPY (4) | Spec. Cond./Appl. Info.             | Spec. Cond./Appl. Info.    | Spec. Cond./Appl. Info. |
| HR_MISCMSS (5)                                  | Miscellaneous Maintenance Activities | VOC                            | 0.65           | <0.01   | 17, 18                              | 17, 18, 22, 24, 25         |                         |
|                                                 |                                      | SO <sub>2</sub> (5)            | 1.73           | 0.01    |                                     |                            |                         |
|                                                 |                                      | H <sub>2</sub> SO <sub>4</sub> | <0.01          | <0.01   |                                     |                            |                         |
|                                                 |                                      | PM                             | 0.01           | <0.01   |                                     |                            |                         |
|                                                 |                                      | PM <sub>10</sub>               | 0.01           | <0.01   |                                     |                            |                         |
|                                                 |                                      | PM <sub>2.5</sub>              | 0.01           | <0.01   |                                     |                            |                         |
| HR_BAGHSE                                       | Catalyst Replacement MSS             | PM                             | 0.22           | 0.02    | 20                                  | 20, 21, 25                 |                         |
|                                                 |                                      | PM <sub>10</sub>               | 0.22           | 0.02    |                                     |                            |                         |
|                                                 |                                      | PM <sub>2.5</sub>              | 0.22           | 0.02    |                                     |                            |                         |

- (1) Emission point identification – either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC – volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
 NO<sub>x</sub> – total oxides of nitrogen  
 PM – total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>  
 PM<sub>10</sub> – particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>  
 PM<sub>2.5</sub> – particulate matter equal to or less than 2.5 microns in diameter  
 CO – carbon monoxide  
 H<sub>2</sub>SO<sub>4</sub> – sulfuric acid  
 NH<sub>3</sub> – ammonia
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Miscellaneous Maintenance Activities (EPN HR\_MISCMSS) includes emissions of inherently low emitting activities identified in the Special Conditions with 0.03 lbs SO<sub>2</sub> emissions assumed to occur in any hour evaluated and 0.001 tons of SO<sub>2</sub> emissions assumed in any 12-month period evaluated.

Major NSR Summary Table

| Permits Numbers: Number 751 and PSDTX987 |                  |                          |                | Issuance Date: 6/6/2024 |                                     |                                 |                        |
|------------------------------------------|------------------|--------------------------|----------------|-------------------------|-------------------------------------|---------------------------------|------------------------|
| Emission Point No. (1)                   | Source Name (2)  | Air Contaminant Name (3) | Emission Rates |                         | Monitoring and Testing Requirements | Recordkeeping Requirements      | Reporting Requirements |
|                                          |                  |                          | lbs/hour       | TPY (4)                 |                                     |                                 |                        |
| 35-HR-5                                  | HR-I Preheater   | NOx                      | 2.08           | 9.12                    | 5, 6, 12, 15                        | 5, 6, 9, 10, 12, 13, 14, 15, 25 | 5, 12, 15              |
|                                          |                  | SO <sub>2</sub> (PSD)    | 1.17           | 5.11                    |                                     |                                 |                        |
|                                          |                  | CO                       | 6.86           | 30.04                   |                                     |                                 |                        |
|                                          |                  | PM                       | 0.62           | 2.72                    |                                     |                                 |                        |
|                                          |                  | PM <sub>10</sub>         | 0.62           | 2.72                    |                                     |                                 |                        |
|                                          |                  | PM <sub>2.5</sub>        | 0.62           | 2.72                    |                                     |                                 |                        |
|                                          |                  | VOC                      | 0.17           | 0.73                    |                                     |                                 |                        |
| 36-HR-5                                  | HR-II Preheater  | NOx                      | 1.39           | 6.08                    | 5, 6, 12, 15                        | 5, 6, 9, 10, 12, 13, 14, 15, 25 | 5, 12, 15              |
|                                          |                  | SO <sub>2</sub> (PSD)    | 1.05           | 4.60                    |                                     |                                 |                        |
|                                          |                  | CO                       | 6.17           | 27.05                   |                                     |                                 |                        |
|                                          |                  | PM                       | 0.56           | 2.45                    |                                     |                                 |                        |
|                                          |                  | PM <sub>10</sub>         | 0.56           | 2.45                    |                                     |                                 |                        |
|                                          |                  | PM <sub>2.5</sub>        | 0.56           | 2.45                    |                                     |                                 |                        |
|                                          |                  | VOC                      | 0.40           | 1.77                    |                                     |                                 |                        |
| 38-HR-5                                  | HR-III Preheater | NOx                      | 1.39           | 6.08                    | 5, 6, 12, 15                        | 5, 6, 9, 10, 12, 13, 14, 15, 25 | 5, 12, 15              |
|                                          |                  | SO <sub>2</sub> (PSD)    | 1.05           | 4.60                    |                                     |                                 |                        |
|                                          |                  | CO                       | 6.18           | 27.05                   |                                     |                                 |                        |
|                                          |                  | PM                       | 0.56           | 2.45                    |                                     |                                 |                        |
|                                          |                  | PM <sub>10</sub>         | 0.56           | 2.45                    |                                     |                                 |                        |
|                                          |                  | PM <sub>2.5</sub>        | 0.56           | 2.45                    |                                     |                                 |                        |
|                                          |                  | PM <sub>2.5</sub>        | 0.56           | 2.45                    |                                     |                                 |                        |

TCEQ-20648 (APD-ID164v1.0, Revised 09/22) Major NSR Summary Table  
This form is for use by sources subject to air quality permit requirements and may be revised periodically. )

Major NSR Summary Table

| Permits Numbers: Number 751 and PSDTX987 |                    |                          |                | Issuance Date: 6/6/2024 |                                     |                            |                        |
|------------------------------------------|--------------------|--------------------------|----------------|-------------------------|-------------------------------------|----------------------------|------------------------|
| Emission Point No. (1)                   | Source Name (2)    | Air Contaminant Name (3) | Emission Rates |                         | Monitoring and Testing Requirements | Recordkeeping Requirements | Reporting Requirements |
|                                          |                    |                          | lbs/hour       | TPY (4)                 |                                     |                            |                        |
| 35-HR-11                                 | HR-I Short Stack   | VOC                      | 0.40           | 1.77                    | 5, 6, 12, 15                        | 5, 6, 12, 13, 14, 15, 25   | 5, 12, 15              |
|                                          |                    | NOx                      | 23.10          | 16.17                   |                                     |                            |                        |
|                                          |                    | SO <sub>2</sub> (PSD)    | 1.18           | 0.82                    |                                     |                            |                        |
|                                          |                    | CO                       | 6.93           | 4.85                    |                                     |                            |                        |
|                                          |                    | PM                       | 0.63           | 0.44                    |                                     |                            |                        |
|                                          |                    | PM <sub>10</sub>         | 0.63           | 0.44                    |                                     |                            |                        |
|                                          |                    | PM <sub>2.5</sub>        | 0.63           | 0.44                    |                                     |                            |                        |
|                                          |                    | VOC                      | 0.45           | 0.32                    |                                     |                            |                        |
| 36-HR-11                                 | HR-II Short Stack  | NOx                      | 23.10          | 16.17                   | 5, 6, 12, 15                        | 5, 6, 12, 13, 14, 15, 25   | 5, 12, 15              |
|                                          |                    | SO <sub>2</sub> (PSD)    | 1.18           | 0.82                    |                                     |                            |                        |
|                                          |                    | CO                       | 6.93           | 4.85                    |                                     |                            |                        |
|                                          |                    | PM                       | 0.63           | 0.44                    |                                     |                            |                        |
|                                          |                    | PM <sub>10</sub>         | 0.63           | 0.44                    |                                     |                            |                        |
|                                          |                    | PM <sub>2.5</sub>        | 0.63           | 0.44                    |                                     |                            |                        |
|                                          |                    | VOC                      | 0.45           | 0.32                    |                                     |                            |                        |
|                                          |                    | NOx                      | 15.68          | 10.97                   |                                     |                            |                        |
| 38-HR-11                                 | HR-III Short Stack | SO <sub>2</sub> (PSD)    | 1.18           | 0.82                    | 5, 6, 12, 15                        | 5, 6, 12, 13, 14, 15, 25   | 5, 12, 15              |
|                                          |                    | CO                       | 6.93           | 4.85                    |                                     |                            |                        |
|                                          |                    | PM                       | 0.63           | 0.44                    |                                     |                            |                        |
|                                          |                    | PM <sub>10</sub>         | 0.63           | 0.44                    |                                     |                            |                        |
|                                          |                    | PM <sub>2.5</sub>        | 0.63           | 0.44                    |                                     |                            |                        |
|                                          |                    | PM <sub>2.5</sub>        | 0.63           | 0.44                    |                                     |                            |                        |

Major NSR Summary Table

| Permits Numbers: Number 751 and PSDTX987 |                                           |                                      |                | Issuance Date: 6/6/2024 |                                     |                               |                        |
|------------------------------------------|-------------------------------------------|--------------------------------------|----------------|-------------------------|-------------------------------------|-------------------------------|------------------------|
| Emission Point No. (1)                   | Source Name (2)                           | Air Contaminant Name (3)             | Emission Rates |                         | Monitoring and Testing Requirements | Recordkeeping Requirements    | Reporting Requirements |
|                                          |                                           |                                      | lbs/hour       | TPY (4)                 |                                     |                               |                        |
| HR-8                                     | HR Davy Stack                             | VOC                                  | 0.45           | 0.32                    | 5, 11, 15, 17, 18                   | 5, 11, 13, 15, 16, 17, 18, 25 | 5, 11, 15              |
|                                          |                                           | H <sub>2</sub> SO <sub>4</sub> (PSD) | 16.36          | 57.31                   |                                     |                               |                        |
|                                          |                                           | NOx                                  | 65.89          | 226.15                  |                                     |                               |                        |
|                                          |                                           | SO <sub>2</sub> (PSD)                | 434.90         | 1769.60                 |                                     |                               |                        |
|                                          |                                           | CO                                   | 1.01           | 3.54                    |                                     |                               |                        |
|                                          |                                           | PM                                   | 23.55          | 77.46                   |                                     |                               |                        |
|                                          |                                           | PM <sub>10</sub>                     | 23.55          | 77.46                   |                                     |                               |                        |
|                                          |                                           | PM <sub>2.5</sub>                    | 23.55          | 77.46                   |                                     |                               |                        |
| 96631                                    | H <sub>2</sub> SO <sub>4</sub> Tank 96631 | H <sub>2</sub> SO <sub>4</sub> (PSD) | <0.01          | <0.01                   | 5                                   | 5, 25                         | 5                      |
| 96632                                    | H <sub>2</sub> SO <sub>4</sub> Tank 96632 | H <sub>2</sub> SO <sub>4</sub> (PSD) | <0.01          | <0.01                   | 5                                   | 5, 25                         | 5                      |
| 35630                                    | Primene Salt Tank                         | NH <sub>3</sub>                      | 0.19           | 0.06                    |                                     |                               |                        |
| HR_MSSTK                                 | Fixed Roof Tank MSS                       | H <sub>2</sub> SO <sub>4</sub>       | 0.02           | <0.01                   | 18, 19                              | 18, 19, 23, 25                |                        |
| HR_MSSPH                                 | Pump and Heat Exchanger MSS               | VOC                                  | <0.01          | <0.01                   | 18                                  | 18, 22, 25                    |                        |
|                                          |                                           | SO <sub>2</sub>                      | 0.09           | <0.01                   |                                     |                               |                        |
|                                          |                                           | H <sub>2</sub> SO <sub>4</sub>       | 0.02           | <0.01                   |                                     |                               |                        |
| HR_DEGAS                                 | Process Openings for MSS                  | VOC                                  | 2.67           | <0.01                   | 17, 18                              | 17, 18, 25                    |                        |
|                                          |                                           | SO <sub>2</sub>                      | 3.58           | 0.01                    |                                     |                               |                        |
|                                          |                                           | H <sub>2</sub> SO <sub>4</sub>       | <0.01          | <0.01                   |                                     |                               |                        |

**Major NSR Summary Table**

| Permits Numbers: <b>Number 751 and PSDTX987</b> |                                      |                                |                |         | Issuance Date: <b>6/6/2024</b>      |                            |                         |
|-------------------------------------------------|--------------------------------------|--------------------------------|----------------|---------|-------------------------------------|----------------------------|-------------------------|
| Emission Point No. (1)                          | Source Name (2)                      | Air Contaminant Name (3)       | Emission Rates |         | Monitoring and Testing Requirements | Recordkeeping Requirements | Reporting Requirements  |
|                                                 |                                      |                                | lbs/hour       | TPY (4) |                                     |                            |                         |
| HR_MISC MSS (5)                                 | Miscellaneous Maintenance Activities | VOC                            | 0.65           | <0.01   | 17, 18                              | 17, 18, 22, 24, 25         | Spec. Cond./Appl. Info. |
|                                                 |                                      | SO <sub>2</sub> (5)            | 1.73           | 0.01    |                                     |                            |                         |
|                                                 |                                      | H <sub>2</sub> SO <sub>4</sub> | <0.01          | <0.01   |                                     |                            |                         |
|                                                 |                                      | PM                             | 0.01           | <0.01   |                                     |                            |                         |
|                                                 |                                      | PM <sub>10</sub>               | 0.01           | <0.01   |                                     |                            |                         |
|                                                 |                                      | PM <sub>2.5</sub>              | 0.01           | <0.01   |                                     |                            |                         |
| HR_BAGHSE                                       | Catalyst Replacement MSS             | PM                             | 0.22           | 0.02    | 20                                  | 20, 21, 25                 | Spec. Cond./Appl. Info. |
|                                                 |                                      | PM <sub>10</sub>               | 0.22           | 0.02    |                                     |                            |                         |
|                                                 |                                      | PM <sub>2.5</sub>              | 0.22           | 0.02    |                                     |                            |                         |

(1) Emission point identification – either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. For fugitive sources, use area name or fugitive source name.

(3) VOC – volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

NO<sub>x</sub> – total oxides of nitrogen

PM – total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>

PM<sub>10</sub> – particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>

PM<sub>2.5</sub> – particulate matter equal to or less than 2.5 microns in diameter

CO – carbon monoxide

H<sub>2</sub>SO<sub>4</sub> – sulfuric acid

NH<sub>3</sub> – ammonia

(4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.

(5) Miscellaneous Maintenance Activities (EPN HR\_MISCMSS) includes emissions of inherently low emitting activities identified in the Special Conditions with 0.03 lbs SO<sub>2</sub> emissions assumed to occur in any hour evaluated and 0.001 tons of SO<sub>2</sub> emissions assumed in any 12-month period evaluated.

**Major NSR Summary Table**

| Permits Numbers: <b>Number 751 and PSDTX987</b> |                  |                                |                |         | Issuance Date: <b>6/6/2024</b>      |                                 |                         |
|-------------------------------------------------|------------------|--------------------------------|----------------|---------|-------------------------------------|---------------------------------|-------------------------|
| Emission Point No. (1)                          | Source Name (2)  | Air Contaminant Name (3)       | Emission Rates |         | Monitoring and Testing Requirements | Recordkeeping Requirements      | Reporting Requirements  |
|                                                 |                  |                                | lbs/hour       | TPY (4) | Spec. Cond./Appl. Info.             | Spec. Cond./Appl. Info.         | Spec. Cond./Appl. Info. |
| 35-HR-5                                         | HR-I Preheater   | NO <sub>x</sub>                | 2.08           | 9.12    | 5, 6, 12, 15                        | 5, 6, 9, 10, 12, 13, 14, 15, 25 | 5, 12, 15               |
|                                                 |                  | SO <sub>2</sub> ( <b>PSD</b> ) | 1.17           | 5.11    |                                     |                                 |                         |
|                                                 |                  | CO                             | 6.86           | 30.04   |                                     |                                 |                         |
|                                                 |                  | PM                             | 0.62           | 2.72    |                                     |                                 |                         |
|                                                 |                  | PM <sub>10</sub>               | 0.62           | 2.72    |                                     |                                 |                         |
|                                                 |                  | PM <sub>2.5</sub>              | 0.62           | 2.72    |                                     |                                 |                         |
|                                                 |                  | VOC                            | 0.17           | 0.73    |                                     |                                 |                         |
| 36-HR-5                                         | HR-II Preheater  | NO <sub>x</sub>                | 1.39           | 6.08    | 5, 6, 12, 15                        | 5, 6, 9, 10, 12, 13, 14, 15, 25 | 5, 12, 15               |
|                                                 |                  | SO <sub>2</sub> ( <b>PSD</b> ) | 1.05           | 4.60    |                                     |                                 |                         |
|                                                 |                  | CO                             | 6.17           | 27.05   |                                     |                                 |                         |
|                                                 |                  | PM                             | 0.56           | 2.45    |                                     |                                 |                         |
|                                                 |                  | PM <sub>10</sub>               | 0.56           | 2.45    |                                     |                                 |                         |
|                                                 |                  | PM <sub>2.5</sub>              | 0.56           | 2.45    |                                     |                                 |                         |
|                                                 |                  | VOC                            | 0.40           | 1.77    |                                     |                                 |                         |
| 38-HR-5                                         | HR-III Preheater | NO <sub>x</sub>                | 1.39           | 6.08    | 5, 6, 12, 15                        | 5, 6, 9, 10, 12, 13, 14, 15, 25 | 5, 12, 15               |
|                                                 |                  | SO <sub>2</sub> ( <b>PSD</b> ) | 1.05           | 4.60    |                                     |                                 |                         |
|                                                 |                  | CO                             | 6.18           | 27.05   |                                     |                                 |                         |
|                                                 |                  | PM                             | 0.56           | 2.45    |                                     |                                 |                         |
|                                                 |                  | PM <sub>10</sub>               | 0.56           | 2.45    |                                     |                                 |                         |
|                                                 |                  | PM <sub>2.5</sub>              | 0.56           | 2.45    |                                     |                                 |                         |

**Major NSR Summary Table**

| Permits Numbers: <b>Number 751 and PSDTX987</b> |                    |                                |                |         | Issuance Date: <b>6/6/2024</b>      |                            |                         |
|-------------------------------------------------|--------------------|--------------------------------|----------------|---------|-------------------------------------|----------------------------|-------------------------|
| Emission Point No. (1)                          | Source Name (2)    | Air Contaminant Name (3)       | Emission Rates |         | Monitoring and Testing Requirements | Recordkeeping Requirements | Reporting Requirements  |
|                                                 |                    |                                | lbs/hour       | TPY (4) | Spec. Cond./Appl. Info.             | Spec. Cond./Appl. Info.    | Spec. Cond./Appl. Info. |
|                                                 |                    | VOC                            | 0.40           | 1.77    |                                     |                            |                         |
| 35-HR-11                                        | HR-I Short Stack   | NOx                            | 23.10          | 16.17   | 5, 6, 12, 15                        | 5, 6, 12, 13, 14, 15, 25   | 5, 12, 15               |
|                                                 |                    | SO <sub>2</sub> ( <b>PSD</b> ) | 1.18           | 0.82    |                                     |                            |                         |
|                                                 |                    | CO                             | 6.93           | 4.85    |                                     |                            |                         |
|                                                 |                    | PM                             | 0.63           | 0.44    |                                     |                            |                         |
|                                                 |                    | PM <sub>10</sub>               | 0.63           | 0.44    |                                     |                            |                         |
|                                                 |                    | PM <sub>2.5</sub>              | 0.63           | 0.44    |                                     |                            |                         |
|                                                 |                    | VOC                            | 0.45           | 0.32    |                                     |                            |                         |
| 36-HR-11                                        | HR-II Short Stack  | NOx                            | 23.10          | 16.17   | 5, 6, 12, 15                        | 5, 6, 12, 13, 14, 15, 25   | 5, 12, 15               |
|                                                 |                    | SO <sub>2</sub> ( <b>PSD</b> ) | 1.18           | 0.82    |                                     |                            |                         |
|                                                 |                    | CO                             | 6.93           | 4.85    |                                     |                            |                         |
|                                                 |                    | PM                             | 0.63           | 0.44    |                                     |                            |                         |
|                                                 |                    | PM <sub>10</sub>               | 0.63           | 0.44    |                                     |                            |                         |
|                                                 |                    | PM <sub>2.5</sub>              | 0.63           | 0.44    |                                     |                            |                         |
|                                                 |                    | VOC                            | 0.45           | 0.32    |                                     |                            |                         |
| 38-HR-11                                        | HR-III Short Stack | NOx                            | 15.68          | 10.97   | 5, 6, 12, 15                        | 5, 6, 12, 13, 14, 15, 25   | 5, 12, 15               |
|                                                 |                    | SO <sub>2</sub> ( <b>PSD</b> ) | 1.18           | 0.82    |                                     |                            |                         |
|                                                 |                    | CO                             | 6.93           | 4.85    |                                     |                            |                         |
|                                                 |                    | PM                             | 0.63           | 0.44    |                                     |                            |                         |
|                                                 |                    | PM <sub>10</sub>               | 0.63           | 0.44    |                                     |                            |                         |
|                                                 |                    | PM <sub>2.5</sub>              | 0.63           | 0.44    |                                     |                            |                         |

**Major NSR Summary Table**

| Permits Numbers: <b>Number 751 and PSDTX987</b> |                                           |                                      |                |         | Issuance Date: <b>6/6/2024</b>      |                               |                         |
|-------------------------------------------------|-------------------------------------------|--------------------------------------|----------------|---------|-------------------------------------|-------------------------------|-------------------------|
| Emission Point No. (1)                          | Source Name (2)                           | Air Contaminant Name (3)             | Emission Rates |         | Monitoring and Testing Requirements | Recordkeeping Requirements    | Reporting Requirements  |
|                                                 |                                           |                                      | lbs/hour       | TPY (4) | Spec. Cond./Appl. Info.             | Spec. Cond./Appl. Info.       | Spec. Cond./Appl. Info. |
|                                                 |                                           | VOC                                  | 0.45           | 0.32    |                                     |                               |                         |
| HR-8                                            | HR Davy Stack                             | H <sub>2</sub> SO <sub>4</sub> (PSD) | 16.36          | 57.31   | 5, 11, 15, 17, 18                   | 5, 11, 13, 15, 16, 17, 18, 25 | 5, 11, 15               |
|                                                 |                                           | NO <sub>x</sub>                      | 65.89          | 226.15  |                                     |                               |                         |
|                                                 |                                           | SO <sub>2</sub> (PSD)                | 434.90         | 1769.60 |                                     |                               |                         |
|                                                 |                                           | CO                                   | 1.01           | 3.54    |                                     |                               |                         |
|                                                 |                                           | PM                                   | 23.55          | 77.46   |                                     |                               |                         |
|                                                 |                                           | PM <sub>10</sub>                     | 23.55          | 77.46   |                                     |                               |                         |
|                                                 |                                           | PM <sub>2.5</sub>                    | 23.55          | 77.46   |                                     |                               |                         |
|                                                 |                                           | VOC                                  | 11.78          | 25.38   |                                     |                               |                         |
| 96631                                           | H <sub>2</sub> SO <sub>4</sub> Tank 96631 | H <sub>2</sub> SO <sub>4</sub> (PSD) | <0.01          | <0.01   | 5                                   | 5, 25                         | 5                       |
| 96632                                           | H <sub>2</sub> SO <sub>4</sub> Tank 96632 | H <sub>2</sub> SO <sub>4</sub> (PSD) | <0.01          | <0.01   | 5                                   | 5, 25                         | 5                       |
| 35630                                           | Primene Salt Tank                         | NH <sub>3</sub>                      | 0.19           | 0.06    |                                     |                               |                         |
| HR_MSSTK                                        | Fixed Roof Tank MSS                       | H <sub>2</sub> SO <sub>4</sub>       | 0.02           | <0.01   | 18, 19                              | 18, 19, 23, 25                |                         |
| HR_MSSPH                                        | Pump and Heat Exchanger MSS               | VOC                                  | <0.01          | <0.01   | 18                                  | 18, 22, 25                    |                         |
|                                                 |                                           | SO <sub>2</sub>                      | 0.09           | <0.01   |                                     |                               |                         |
|                                                 |                                           | H <sub>2</sub> SO <sub>4</sub>       | 0.02           | <0.01   |                                     |                               |                         |
| HR_DEGAS                                        | Process Openings for MSS                  | VOC                                  | 2.67           | <0.01   | 17, 18                              | 17, 18, 25                    |                         |
|                                                 |                                           | SO <sub>2</sub>                      | 3.58           | 0.01    |                                     |                               |                         |
|                                                 |                                           | H <sub>2</sub> SO <sub>4</sub>       | <0.01          | <0.01   |                                     |                               |                         |

**Major NSR Summary Table**

| Permits Numbers: <b>Number 751 and PSDTX987</b> |                                      |                                |                |         | Issuance Date: <b>6/6/2024</b>      |                            |                         |
|-------------------------------------------------|--------------------------------------|--------------------------------|----------------|---------|-------------------------------------|----------------------------|-------------------------|
| Emission Point No. (1)                          | Source Name (2)                      | Air Contaminant Name (3)       | Emission Rates |         | Monitoring and Testing Requirements | Recordkeeping Requirements | Reporting Requirements  |
|                                                 |                                      |                                | lbs/hour       | TPY (4) | Spec. Cond./Appl. Info.             | Spec. Cond./Appl. Info.    | Spec. Cond./Appl. Info. |
| HR_MISCMSS (5)                                  | Miscellaneous Maintenance Activities | VOC                            | 0.65           | <0.01   | 17, 18                              | 17, 18, 22, 24, 25         |                         |
|                                                 |                                      | SO <sub>2</sub> (5)            | 1.73           | 0.01    |                                     |                            |                         |
|                                                 |                                      | H <sub>2</sub> SO <sub>4</sub> | <0.01          | <0.01   |                                     |                            |                         |
|                                                 |                                      | PM                             | 0.01           | <0.01   |                                     |                            |                         |
|                                                 |                                      | PM <sub>10</sub>               | 0.01           | <0.01   |                                     |                            |                         |
|                                                 |                                      | PM <sub>2.5</sub>              | 0.01           | <0.01   |                                     |                            |                         |
| HR_BAGHSE                                       | Catalyst Replacement MSS             | PM                             | 0.22           | 0.02    | 20                                  | 20, 21, 25                 |                         |
|                                                 |                                      | PM <sub>10</sub>               | 0.22           | 0.02    |                                     |                            |                         |
|                                                 |                                      | PM <sub>2.5</sub>              | 0.22           | 0.02    |                                     |                            |                         |

- (1) Emission point identification – either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC – volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
 NO<sub>x</sub> – total oxides of nitrogen  
 PM – total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>  
 PM<sub>10</sub> – particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>  
 PM<sub>2.5</sub> – particulate matter equal to or less than 2.5 microns in diameter  
 CO – carbon monoxide  
 H<sub>2</sub>SO<sub>4</sub> – sulfuric acid  
 NH<sub>3</sub> – ammonia
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Miscellaneous Maintenance Activities (EPN HR\_MISCMSS) includes emissions of inherently low emitting activities identified in the Special Conditions with 0.03 lbs SO<sub>2</sub> emissions assumed to occur in any hour evaluated and 0.001 tons of SO<sub>2</sub> emissions assumed in any 12-month period evaluated.

## Texas Commission on Environmental Quality

Title V Existing

1583

### Site Information (Regulated Entity)

|                                                       |                                                |
|-------------------------------------------------------|------------------------------------------------|
| What is the name of the permit area to be authorized? | B-3/HR PROCESS AREA                            |
| Does the site have a physical address?                | Yes                                            |
| Physical Address                                      |                                                |
| Number and Street                                     | 1900 TIDAL RD                                  |
| City                                                  | DEER PARK                                      |
| State                                                 | TX                                             |
| ZIP                                                   | 77536                                          |
| County                                                | HARRIS                                         |
| Latitude (N) (##.#####)                               | 29.73                                          |
| Longitude (W) (-###.#####)                            | 95.102777                                      |
| Primary SIC Code                                      | 2869                                           |
| Secondary SIC Code                                    |                                                |
| Primary NAICS Code                                    | 325199                                         |
| Secondary NAICS Code                                  |                                                |
| Regulated Entity Site Information                     |                                                |
| What is the Regulated Entity's Number (RN)?           | RN100223205                                    |
| What is the name of the Regulated Entity (RE)?        | ROHM AND HAAS TEXAS DEER PARK PLANT            |
| Does the RE site have a physical address?             | Yes                                            |
| Physical Address                                      |                                                |
| Number and Street                                     | 1900 TIDAL RD                                  |
| City                                                  | DEER PARK                                      |
| State                                                 | TX                                             |
| ZIP                                                   | 77536                                          |
| County                                                | HARRIS                                         |
| Latitude (N) (##.#####)                               | 29.688055                                      |
| Longitude (W) (-###.#####)                            | -95.103611                                     |
| Facility NAICS Code                                   |                                                |
| What is the primary business of this entity?          | Production of acrylic and methacrylic monomers |

### Customer (Applicant) Information

|                                                  |                                  |
|--------------------------------------------------|----------------------------------|
| How is this applicant associated with this site? | Owner Operator                   |
| What is the applicant's Customer Number (CN)?    | CN605605831                      |
| Type of Customer                                 | Corporation                      |
| Full legal name of the applicant:                |                                  |
| Legal Name                                       | Rohm and Haas Texas Incorporated |
| Texas SOS Filing Number                          | 803181772                        |
| Federal Tax ID                                   | 741703761                        |
| State Franchise Tax ID                           | 17417037615                      |

|                                   |          |
|-----------------------------------|----------|
| State Sales Tax ID                |          |
| Local Tax ID                      |          |
| DUNS Number                       | 65096273 |
| Number of Employees               | 501+     |
| Independently Owned and Operated? | Yes      |

## Responsible Official Contact

Person TCEQ should contact for questions about this application:

|                                                              |                          |
|--------------------------------------------------------------|--------------------------|
| Organization Name                                            | THE DOW CHEMICAL COMPANY |
| Prefix                                                       | MS                       |
| First                                                        | JOANNE                   |
| Middle                                                       |                          |
| Last                                                         | SEKELLA                  |
| Suffix                                                       |                          |
| Credentials                                                  |                          |
| Title                                                        | VICE PRESIDENT           |
| Enter new address or copy one from list:                     |                          |
| Mailing Address                                              |                          |
| Address Type                                                 | Domestic                 |
| Mailing Address (include Suite or Bldg. here, if applicable) | PO BOX 1000              |
| Routing (such as Mail Code, Dept., or Attn:)                 |                          |
| City                                                         | DEER PARK                |
| State                                                        | TX                       |
| ZIP                                                          | 77536                    |
| Phone (###-###-####)                                         | 2812282238               |
| Extension                                                    |                          |
| Alternate Phone (###-###-####)                               |                          |
| Fax (###-###-####)                                           | 2812283540               |
| E-mail                                                       | fhubehs@dow.com          |

## Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

|                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| Organization Name                       | FRAN FALCON(THE DOW CHEMICA... )          |
| Prefix                                  | THE DOW CHEMICAL COMPANY                  |
| First                                   | MS                                        |
| Middle                                  | FRAN                                      |
| Last                                    | FALCON                                    |
| Suffix                                  |                                           |
| Credentials                             |                                           |
| Title                                   | EH&S REGIONAL LEVERAGED DELIVERY DIRECTOR |
| Enter new address or copy one from list |                                           |
| Mailing Address                         |                                           |
| Address Type                            | Domestic                                  |

Mailing Address (include Suite or Bldg. here, if applicable)  
Routing (such as Mail Code, Dept., or Attn:)  
City  
State  
Zip  
Phone (###-###-####)  
Extension  
Alternate Phone (###-###-####)  
Fax (###-###-####)  
E-mail

332 HIGHWAY 332 E  
LJ APB 2A145B  
LAKE JACKSON  
TX  
77566  
9792389764  
  
9792358116  
FHUBEHS@DOW.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

The Dow Chemical Company

Prefix

MRS

First

Crystal

Middle

Last

Schmidt

Suffix

Credentials

Title

Air Permit Manager

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

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

332 SH 332 E

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

City

Lake Jackson

State

TX

ZIP

77566

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

9792381742

Extension

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

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

E-mail

cschmidt6@dow.com

## Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

29 Deg 43 Min 48 Sec

3) Permit Longitude Coordinate:

95 Deg 6 Min 10 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

No

|                                                                                                                           |                                |
|---------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| through permit conversion?                                                                                                |                                |
| 4.1.2. Are there any permits that should be voided upon issuance of this permit application through permit consolidation? | No                             |
| 5) Who will electronically sign this Title V application?                                                                 | Duly Authorized Representative |
| 6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?                        | No                             |

### Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

|           |                                                                                       |
|-----------|---------------------------------------------------------------------------------------|
| File Name | <a href="/ePermitsExternal/faces/file?fileId=238493">02-03-2025_O1583_Renewal.pdf</a> |
| Hash      | 6CB13071004028EAB42B5DD4F21CEE6AAA32A133ACEB4AFafa5090920E276139                      |
| MIME-Type | application/pdf                                                                       |

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

### Expedite Title V

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

No

## Certification

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

1. I am Fran Q Falcon, the owner of the STEERS account ER028176.
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 1583.
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: Fran Q Falcon OWNER OPERATOR

|                                      |                                                                   |
|--------------------------------------|-------------------------------------------------------------------|
| Account Number:                      | ER028176                                                          |
| Signature IP Address:                | 170.85.99.3                                                       |
| Signature Date:                      | 2025-02-03                                                        |
| Signature Hash:                      | 47028DDAF3697FA5C70F77C16A06E50F53CC1EEEEAEF487D89AB53CE34D67B713 |
| Form Hash Code at time of Signature: | F18937139B16543B6281BFB501AB421CD72429CA5B8D127E587EBE8B175774BD  |

## Submission

|                      |                                                             |
|----------------------|-------------------------------------------------------------|
| Reference Number:    | The application reference number is 753039                  |
| Submitted by:        | The application was submitted by ER028176/Fran Q Falcon     |
| Submitted Timestamp: | The application was submitted on 2025-02-03 at 21:30:48 CST |
| Submitted From:      | The application was submitted from IP address 170.85.99.3   |
| Confirmation Number: | The confirmation number is 625694                           |
| Steers Version:      | The STEERS version is 6.86                                  |
| Permit Number:       | The permit number is 1583                                   |

## Additional Information

Application Creator: This account was created by Crystal Schmidt