

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Monday, March 9, 2026 12:22 PM
To: Tusar Swami
Subject: RE: Working Draft Permit -- FOP O1923/Project 38825, Union Carbide Corporation/Union Carbide Texas City - Respond by 3/6.
Attachments: 2026-03-09_NOD_WDP_Response_O1923.pdf
Follow Up Flag: Follow up
Flag Status: Flagged

Tusar,

Sorry for the delay. Please see our attached 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



General Business

From: Tusar Swami <tusar.swami@tceq.texas.gov>
Sent: Monday, February 23, 2026 4:31 PM
To: Schmidt, Crystal (C) <cschmidt6@dow.com>
Subject: Working Draft Permit -- FOP O1923/Project 38825, Union Carbide Corporation/Union Carbide Texas City - Respond by 3/6.

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.

Crystal:

Good afternoon. I have conducted a technical review of *renewal* application for Union Carbide Corporation/Union Carbide Texas City. An electronic copy of the Working Draft Permit (WDP) is attached for your review. This WDP contains the TCEQ determination of



March 9, 2026

E-MAIL RESPONSE

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

Union Carbide Corporation, CN601688781
Organic Acids Facilities, RN100219351
Title V Operating Permit Notice of Deficiency and Working Draft Permit Response
TCEQ Project Number: 38825

Dear Mr. Swami,

Union Carbide Corporation (UCC) is providing a response to the Notice of Deficiency (NOD) items and comments on the Working Draft Permit (WDP) provided on February 23, 2026.

Please do not hesitate to contact me at (979) 238-1742 or 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
Galveston County Health District

R6AirPermitsTX@epa.gov
R12apdmail@tceq.texas.gov
jmoore@gchd.org

Additional Information Request

Item 1	OP-PBR SUP (dated 08/19/2025) – Table A – The correct PBR Registration No. for 56357 is 12/18/2003 (not 10/10/2003). Please correct, re-date and resubmit all the 4 Tables. Please note that all 4 tables (A, B, C and D) are treated as a set.
Item 1 Response	Please see the attached Form OP-PBR SUP for more information.

Working Draft Permit Comments

UCC has no comments on the Working Draft Permit (WDP) at this time.

Permit By Rule Supplemental Table
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
March 9, 2026	O1923	RN100219351

Unit ID No.	Registration No.	PBR No.	Registration Date
W12GSEAM	56352	106.532	10/10/2003
W12GSEAM	56357	106.532	10/10/2003 12/18/2003
F12C05-01	74151	106.261 106.262	11/10/2004
T12C8904	76637	106.261 106.262	09/06/2005
T12C3307 T12C3309 F12C001-01	90585	106.261 106.262	09/22/2009
F12C001-01 F12C05-01	151258	106.261 106.262	04/23/2018
F12C001-01	156308	106.261 106.262	04/15/2019
F12C001-01 F12C05-01	160801	106.261 106.262	04/24/2020
F12C05-01	164530	106.261	04/02/2021
F12C001-01	168511	106.261 106.262	04/05/2022
F12C001-01 F12C05-01	172005	106.262	04/04/2023

Permit By Rule Supplemental Table
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
March 9, 2026	O1923	RN100219351

Unit ID No.	Registration No.	PBR No.	Registration Date
F12C001-01 F12C05-01	175407	106.261 106.262	02/26/2024
F12C001-01	179610	106.261 106.262	04/01/2025

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

Date	Permit Number	Regulated Entity Number
March 9, 2026	O1923	RN100219351

Unit ID No.	PBR No.	Version No./Date
PRO-ACIDS	106.263	11/01/2001
	106.264	09/04/2000
	106.492	09/04/2000

Permit By Rule Supplemental Table (Page 3)

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

Date	Permit Number	Regulated Entity Number
March 9, 2026	O1923	RN100219351

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
March 9, 2026	O1923	RN100219351

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
PRO-ACIDS	106.263 106.264 106.492	11/01/2001 09/04/2000 09/04/2000	Track emissions on a rolling 12-month basis.
W12GSEAM	106.532	56352	One time confirmation of wastewater treatment system monitoring to document treatment type: clarification and neutralization.
W12GSEAM	106.532	56357	One time confirmation of wastewater treatment system monitoring to document treatment type: clarification and neutralization.
F12C05-01	106.261 106.262	74151	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID and 28 CNTQ, as required by NSR 6355 SCs 9 - 10 (Permit Issue Date December 7, 2018).
T12C8904	106.261 106.262	76637	Tank will continue to meet the monitoring and recordkeeping requirements of NSR 6355 SCs 14 and 15 (Permit Issue Date December 7, 2018).
T12C3307 T12C3309 F12C001-01	106.261 106.262	90585	Tanks will continue to meet the monitoring and recordkeeping requirements of NSR 6355 SCs 14 and 15 (Permit Issue Date December 7, 2018).
F12C001-01 F12C05-01	106.261 106.262	151258	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID and 28 CNTQ, as required by NSR 6355 SCs 9 - 10 (Permit Issue Date December 7, 2018).
F12C001-01	106.261 106.262	156308	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID and 28 CNTQ, as required by NSR 6355 SCs 9 - 10 (Permit Issue Date December 7, 2018).
F12C001-01 F12C05-01	106.261 106.262	160801	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID and 28 CNTQ, as required by NSR 6355 SCs 9 - 10 (Permit Issue Date December 7, 2018).

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
March 9, 2026	O1923	RN100219351

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
F12C05-01	106.261	164530	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID and 28 CNTQ, as required by NSR 6355 SCs 9 - 10 (Permit Issue Date December 7, 2018).
F12C001-01	106.261 106.262	168511	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID and 28 CNTQ, as required by NSR 6355 SCs 9 - 10 (Permit Issue Date December 7, 2018).
F12C001-01 F12C05-01	106.262	172005	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID and 28 CNTQ, as required by NSR 6355 SCs 9 - 10 (Permit Issue Date December 7, 2018).
F12C001-01 F12C05-01	106.261 106.262	175407	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID and 28 CNTQ, as required by NSR 6355 SCs 9 - 10 (Permit Issue Date December 7, 2018).
F12C001-01	106.261 106.262	179610	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID and 28 CNTQ, as required by NSR 6355 SCs 9 - 10 (Permit Issue Date December 7, 2018).

From: [Tusar Swami](#)
To: [Schmidt, Crystal \(C\)](#)
Subject: Working Draft Permit -- FOP O1923/Project 38825, Union Carbide Corporation/Union Carbide Texas City - Respond by 3/6.
Date: Monday, February 23, 2026 4:31:00 PM
Attachments: [SOP - O1923 Union Carbide Corporation \(Renewal, 38825\) Draft.docx](#)

Crystal:

Good afternoon. I have conducted a technical review of *renewal* application for Union Carbide Corporation/Union Carbide Texas City. An electronic copy of the Working Draft Permit (WDP) is attached for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application dated August 19, 2025, and any updates provided.

Please review the WDP and submit to me any comments you have on the working draft permit by **March 6, 2026**.

During the review one mistake came up in the OP-PBRSUP form, which needs to be corrected.

- OP-PBRSUP (dated 08/19/2025) – Table A – The correct PBR Registration No. for 56357 is 12/18/2003 (not 10/10/2003). Please correct, re-date and resubmit all the 4 Tables. Please note that all 4 tables (A, B, C and D) are treated as a set.

Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP.

Please review the second portion of the “SOP Technical Review Fact Sheet” located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf. This guidance contains important information regarding WDP review and comment procedures.

Note that a Certification by Responsible Official (Form OP-CRO1) for any uncertified application information, including application updates supporting the WDP comments, is required. After final review of the WDP, additional changes supported by application updates may require certification. I will advise you of these changes at a later date. Prior to transmittal of the Public Notice/Announcement Authorization Package, a duly signed OP-CRO1 form may be required which includes the specific dates or time-period of all submitted application documentation that was not previously certified. I will advise you of this requirement prior to sending the Public Notice/Announcement Authorization.

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

Please notify me when these updates have been submitted.

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

Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit. A quick acknowledgement to this email will be very much appreciated.

Thank you for your cooperation.

Sincerely,

Tusar Swami, P.E.

Texas Commission on Environmental Quality

OA/APD/Operating Permits Section

12100 Park 35 Circle, Bldg. C, Austin, TX 78753

Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087

Phone: 512/239-1581 Fax: 512/239-1400

Email: tusar.swami@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Tusar Swami
Sent: Thursday, September 25, 2025 11:03 AM
To: Schmidt, Crystal (C)
Subject: Technical Review -- FOP O1923/Project 38825, Union Carbide Corporation/Union Carbide Texas City

Crystal:

Good morning. I have been assigned to the Federal Operating Permit (FOP) renewal application of Permit No. O1923 for Union Carbide Corporation/Union Carbide Texas City/Organic Acids Facilities. This application has been assigned Project No. 38825. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

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

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

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

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

Please notify me when these updates have been submitted.

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

Please review the “SOP Technical Review Fact Sheet” located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_fac

[tsheet.pdf](#). This guidance contains important information regarding the review process and application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

Tusar Swami, P.E.

Texas Commission on Environmental Quality

OA/APD/Operating Permits Section

12100 Park 35 Circle, Bldg. C, Austin, TX 78753

Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087

Phone: 512/239-1581 Fax: 512/239-1400

Email: tusar.swami@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: eNotice TCEQ
Sent: Monday, September 8, 2025 10:17 AM
To: mayes.middleton@senate.texas.gov; Terry.wilson@house.texas.gov
Subject: TCEQ Notice - Permit Number O1923
Attachments: TCEQ Notice - O1923_38825.pdf

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

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

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

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

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

September 8, 2025

THE HONORABLE MAYES MIDDLETON
TEXAS SENATE
PO BOX 12068
AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 38825
Permit Number: O1923
Union Carbide Corporation
Organic Acids Facilities
Texas City, Galveston County
Regulated Entity Number: RN100219351
Customer Reference Number: CN601688781

Dear Senator Middleton:

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=-94.948611,29.375&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 Mayes Middleton
Page 2
September 8, 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

September 8, 2025

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

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 38825
Permit Number: O1923
Union Carbide Corporation
Organic Acids Facilities
Texas City, Galveston County
Regulated Entity Number: RN100219351
Customer Reference Number: CN601688781

Dear Representative Wilson:

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=-94.948611,29.375&level=13>.

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

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

Sincerely,

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

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

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Thursday, August 28, 2025 1:55 PM
To: Miguel Gallegos
Cc: Cashbaugh-Sanchez, Lisa (LM); Johnson, Brad (BB)
Subject: RE: Union Carbide Corporation – Renewal of SOP O1923, Project 38825
Attachments: RO Change - Lisa Cashbaugh-Sanchez.pdf

Miguel,

Lisa Cashbaugh-Sanchez has been the RO since October 2022. I wasn't trying to add a new RO in this renewal application. Lisa was my option in the drop-down menu in STEERS. I have attached the package we submitted in October 2022 changing the RO from Brad Johnson to Lisa Cashbaugh-Sanchez. Please let me know if you need anything else from me. 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



General Business

From: Miguel Gallegos <miguel.gallegos@tceq.texas.gov>
Sent: Wednesday, August 27, 2025 1:37 PM
To: Schmidt, Crystal (C) <cschmidt6@dow.com>
Cc: Cashbaugh-Sanchez, Lisa (LM) <LMCashbaugh@dow.com>; Johnson, Brad (BB) <bjohnson@dow.com>
Subject: Union Carbide Corporation – Renewal of SOP O1923, Project 38825

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.

Mrs. Crystal Schmidt

I am conducting the initial review of your application for the subject project. The OP-1 Form included in your application requires some corrections as noted below.

- Section VI: The Responsible Official (RO) shown in this section, Ms. Lisa Cashbaugh-Sanchez, cannot be added to the permit record as the new RO replacing currently listed RO Mr. Brad Johnson. A fully completed and signed OP-CRO2 form, which was not included with the subject application, must be received by TCEQ in order to take that action.

Please email a fully completed and signed **OP-CRO2** Form directly to me by close of business tomorrow, 08/28/2025, so your application is complete and can be accepted.

Thank you.

Miguel Gallegos

Texas Commission on Environmental Quality
Office of Air, Air Permits Division
Air Permits Initial Review Team (APIRT)
12100 Park 35 Circle, MC-161, Austin, Texas 78753-1808
Tel: (512) 239-1185, eFax: (512) 239-1400
Email: miguel.gallegos@tceq.texas.gov





October 11, 2022

CERTIFIED MAIL 7017 3040 0000 2543 1931

RETURN RECEIPT REQUESTED

Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC-163
Austin, Texas 78711-3087

RE: Union Carbide Corporation
Texas City, Galveston County, Texas
CN6018688781; RN100219351
Air Account #: GB-0076J
Change of Responsible Official

Sir or Madam:

Union Carbide Corporation (UCC), a wholly owned subsidiary of The Dow Chemical Company, owns and operates the Texas City Operations site located in Texas City, Galveston County, Texas. The site operates with six (6) Title V permits. UCC is submitting the attached updated OP-CRO2 Form to notify TCEQ of the new Site Leader/Responsible Official for the Texas City site.

Please contact me at remendez@dow.com or at (281) 228-2872 if you require additional information.

Sincerely,

A handwritten signature in blue ink, appearing to read "Rafael E. Mendez".

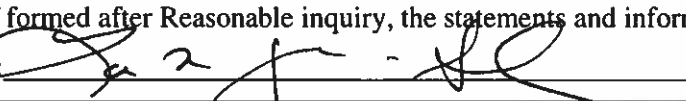
Rafael E. Mendez
TX Regional Environmental Manager

CC: Region VI Administrator (6EN-A)
EPA Region VI
1445 Ross Avenue
Dallas, Texas 75202

Air Section Manager
TCEQ, Region 12
5425 Polk Avenue, Suite H
Houston, Texas 77023

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

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

I. Identifying Information		
Account No.: GB-0076-J	RN: RN100219351	CN: CN601688781
Permit No.: O1913	Area Name: Building 24 Acetic Esters Unit	
Company Name: Union Carbide Corporation		
II. Change Type		
Action Type:	<input checked="" type="checkbox"/> New Appointment	<input type="checkbox"/> Administrative Information Change
Contact Type (<i>only one response can be accepted per form</i>):		
<input checked="" type="checkbox"/> Responsible Official	<input type="checkbox"/> Designated Representative	<input type="checkbox"/> Alternate Designated Representative
III. Responsible Official/Designated Representative/Alternate Designated Representative Information		
Conventional Title: (<input type="checkbox"/> Mr. <input checked="" type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)		
Name: Lisa Cashbaugh-Sanchez		
Title: Senior Site Manufacturing Director	Appointment Effective Date: August 9, 2022	
Telephone No.: (409) 641-4141	Fax No.: (409) 641-4601	
Company Name: Union Carbide Corporation		
Mailing Address: P.O. Box 471		
City: Texas City	State: TX	ZIP Code: 77592-0471
E-mail Address: lmcashbaugh@dow.com		
IV. Certification of Truth, Accuracy, and Completeness		
This certification does not extend to information, which is designated by the TCEQ as information for reference only.		
I, <u>Lisa Cashbaugh-Sanchez</u> , certify that, based on information <i>(Name printed or typed)</i>		
and belief formed after Reasonable inquiry, the statements and information stated above are true, accurate, and complete.		
Signature: 	Signature Date: 10/11/2022	

Form OP-CRO2
Change of Responsible Official (Extension)
Federal Operating Permit Program

V. Additional Identifying Information		
Account No.: GB-0076-J	RN: RN100219351	CN: CN601688781
Permit No.: O1914	Area Name: Refining and Hydrogenation	
Account No.: GB-0076-J	RN: RN100219351	CN: CN601688781
Permit No.: O1919	Area Name: Low Pressure Oxo & Synthesis Gas Supply Unit	
Account No.: GB-0076-J	RN: RN100219351	CN: CN601688781
Permit No.: O1921	Area Name: Utilities and Maintenance Department	
Account No.: GB-0076-J	RN: RN100219351	CN: CN601688781
Permit No.: O1923	Area Name: Organic Acids Facility	
Account No.: GB-0076-J	RN: RN100219351	CN: CN601688781
Permit No.: O1924	Area Name: Vinyl Acetate Unit	
Account No.:	RN:	CN:
Permit No.:	Area Name:	
Account No.:	RN:	CN:
Permit No.:	Area Name:	
Account No.:	RN:	CN:
Permit No.:	Area Name:	
Account No.:	RN:	CN:
Permit No.:	Area Name:	
Account No.:	RN:	CN:
Permit No.:	Area Name:	
Account No.:	RN:	CN:
Permit No.:	Area Name:	
Account No.:	RN:	CN:
Permit No.:	Area Name:	
Account No.:	RN:	CN:
Permit No.:	Area Name:	

Miguel Gallegos

From: Miguel Gallegos
Sent: Wednesday, August 27, 2025 2:57 PM
To: cschmidt6@dow.com
Cc: LMCashbaugh@dow.com; jbjohnson@dow.com
Subject: FW: Union Carbide Corporation – Renewal of SOP O1923, Project 38825
Attachments: 20250819-01_Application for Renewal.pdf; 20250819-01_Copy of Record.pdf; 38825 - Elected Officials per Site Location.png; 38825 - Site Location per Address.png; 38825 - Site Location per Coords.png

I've spotted one more issue requiring your attention. Based on the site location you provided in section X.B (*should be entered in X.C instead*) of your OP-1 form, the elected officials you have entered in section VIII.A and B are incorrect. A search of the Texas State Directory, <https://www.txdirectory.com/>, shows State Senator Mayes Middleton and State Representative Terri Leo Wilson should be listed. Please see the attached images. (Site location maps, TX State "Find My Incumbent" results, OP-1)

Please email a corrected OP-1 form directly to me by close of business tomorrow, 08/28/2025, so your application is complete and can be accepted.

Thank you.

Miguel Gallegos

Texas Commission on Environmental Quality
Office of Air, Air Permits Division
Air Permits Initial Review Team (APIRT)
12100 Park 35 Circle, MC-161, Austin, Texas 78753-1808
Tel: (512) 239-1185, eFax: (512) 239-1400
Email: miguel.gallegos@tceq.texas.gov



From: Miguel Gallegos <miguel.gallegos@tceq.texas.gov>
Sent: Wednesday, August 27, 2025 1:37 PM
To: cschmidt6@dow.com
Cc: LMCashbaugh@dow.com; jbjohnson@dow.com
Subject: Union Carbide Corporation – Renewal of SOP O1923, Project 38825

Mrs. Crystal Schmidt

I am conducting the initial review of your application for the subject project. The OP-1 Form included in your application requires some corrections as noted below.

- **Section VI:** The Responsible Official (RO) shown in this section, Ms. Lisa Cashbaugh-Sanchez, cannot be added to the permit record as the new RO replacing currently listed RO Mr. Brad Johnson. A fully completed and signed OP-CRO2 form, which was not included with the subject application, must be received by TCEQ in order to take that action.

Please email a fully completed and signed **OP-CRO2** Form directly to me by close of business tomorrow, 08/28/2025, so your application is complete and can be accepted.

Thank you.

Miguel Gallegos

Texas Commission on Environmental Quality
Office of Air, Air Permits Division
Air Permits Initial Review Team (APIRT)
12100 Park 35 Circle, MC-161, Austin, Texas 78753-1808
Tel: (512) 239-1185, eFax: (512) 239-1400
Email: miguel.gallegos@tceq.texas.gov



Miguel Gallegos

From: apirt@tceq.texas.gov
Sent: Wednesday, August 20, 2025 8:01 AM
To: Miguel Gallegos
Cc: Sean Wheeler
Subject: TV 38825 -
Attachments: SI_NAME%2025-08-20-08-00-56.xlsx

Categories: Project Report with NAR

Please see the attached report for STEERS Title V applications assigned to you.

Texas Commission on Environmental Quality

Title V Existing

1923

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	ORGANIC ACIDS FACILITIES
Does the site have a physical address?	Yes
Physical Address	
Number and Street	3301 5TH AVE S
City	TEXAS CITY
State	TX
ZIP	77590
County	GALVESTON
Latitude (N) (##.#####)	29.3725
Longitude (W) (-###.#####)	94.944166
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)?	RN100219351
What is the name of the Regulated Entity (RE)?	UNION CARBIDE
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	3301 5TH AVE S
City	TEXAS CITY
State	TX
ZIP	77590
County	GALVESTON
Latitude (N) (##.#####)	29.3775
Longitude (W) (-###.#####)	-94.943055
Facility NAICS Code	
What is the primary business of this entity?	INDUSTRIAL CHEMICAL MANUFACTURING PLANT

Customer (Applicant) Information

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

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

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	UNION CARBIDE CORPORATION
Prefix	MR
First	BRAD
Middle	
Last	JOHNSON
Suffix	
Credentials	
Title	SITE LEADER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 471
Routing (such as Mail Code, Dept., or Attn:)	
City	TEXAS CITY
State	TX
ZIP	77592
Phone (###-###-####)	4096414029
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	4096414601
E-mail	jbjohnson@dow.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.	FRAN FALCON(THE DOW CHEMICA...)
Organization Name	THE DOW CHEMICAL COMPANY
Prefix	MS
First	FRAN
Middle	
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)	332 HIGHWAY 332 E
Routing (such as Mail Code, Dept., or Attn:)	LJ APB 2A145B
City	LAKE JACKSON
State	TX
Zip	77566
Phone (###-###-####)	9792389764
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	FQFALCON@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 (###-###-####)	4093925054
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	cschmidt6@dow.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	29 Deg 22 Min 21 Sec
3) Permit Longitude Coordinate:	94 Deg 56 Min 39 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-PBR SUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

[File Properties]

File Name	Form_OP-UA12_OP-SUMR_OP-REQ2.xlsx
Hash	C859FDE5714F0AE582DE689DC0B3304178381D08D9EDC3D8C697221D8E40D60E
MIME-Type	application/vnd.openxmlformats-officedocument.spreadsheetml.sheet

[File Properties]

File Name	Form_OP-UA15_OP-SUMR_OP-REQ2.xlsx
Hash	AAA3F680ED23886BA4ABFAE42A9A8A60B7C19054E265860FD324EEE70AA186B9
MIME-Type	application/vnd.openxmlformats-officedocument.spreadsheetml.sheet

[File Properties]

File Name	Form_OP-UA3_OP-SUMR_OP-REQ2.xlsx
Hash	EEEC0E9AD4D8B51EBCCB5C17662A1E79627DB4D29A25779122B5D9FA5AC6B563
MIME-Type	application/vnd.openxmlformats-officedocument.spreadsheetml.sheet

[File Properties]

File Name	Form_OP-UA57_OP-SUMR.xlsx
Hash	0E0BA64D31B8B69D8B473B8A64353F25F98842974D69E6600622147B802603CD
MIME-Type	application/vnd.openxmlformats-officedocument.spreadsheetml.sheet
[File Properties]	
File Name	Form_OP-UA60_OP-SUMR.xlsx
Hash	67FE85CFF25CC7A3331E0A742C52E8BFF0C75A58BCEC36CD65581E5E347BCA2A
MIME-Type	application/vnd.openxmlformats-officedocument.spreadsheetml.sheet
[File Properties]	
File Name	Form_OP-UA7_OP-SUMR.xlsx
Hash	0AF956DFDD78F42440BAFEEEE77DC649AE55CBBB307445677A8FEC92F4FAEA7A7
MIME-Type	application/vnd.openxmlformats-officedocument.spreadsheetml.sheet

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	2025-08-19_O1923_Renewal_Application.pdf
Hash	CD2930B73D42BB56F6C897F6D64900C6292A9DF7C6DEB55933CFCA39C14A1F55
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 1923.
- 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:	136.226.100.175
Signature Date:	2025-08-19
Signature Hash:	47028DDAF3697FA5C70F77C16A06E50F53CC1EEEEAEF487D89AB53CE34D67B713
Form Hash Code at time of Signature:	5E9CAC53037123DB4C189E98C0E09C3F11AAE17D9B945820C14216B1B003DF84

Submission

Reference Number:	The application reference number is 810358
Submitted by:	The application was submitted by ER028176/Fran Q Falcon
Submitted Timestamp:	The application was submitted on 2025-08-19 at 15:44:14 CDT
Submitted From:	The application was submitted from IP address 136.226.100.175
Confirmation Number:	The confirmation number is 672354
Steers Version:	The STEERS version is 6.92
Permit Number:	The permit number is 1923

Additional Information

Application Creator: This account was created by Crystal Schmidt



August 19, 2025

Electronic Submittal via ePermits

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

**Union Carbide Corporation, CN601688781; RN100219351
Organic Acids Facilities – Title V Operating Permit O1923
Permit Renewal Application**

To Whom it May Concern,

Union Carbide Corporation (UCC) is submitting the Title V Operating Permit O1923 Renewal Application for the Organic Acids Facilities plant located in Galveston County, Texas. This renewal application is submitted in accordance with 30 TAC Chapter 122, Subchapter, C §122.241 and §122.243.

Please do not hesitate to contact me at 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
Galveston County Health District

R6AirPermitsTX@epa.gov
R12apdmail@tceq.texas.gov
jmoore@ghcd.org

Union Carbide Corporation

Permit O1923 Organic Acids Facilities

Site Operating Permit Renewal Application

August 19, 2025

Table of Contents

Section 1 – Administrative Forms

Form OP-1 – Site Information Summary

Form OP-2 – Application for Permit Revision/Renewal

Form OP-SUMR – Individual Unit Summary for Revisions

Section 2 – Unit Attribute Forms

Form OP-UA3 – Storage Tank Vessel Attributes

Form OP-UA7 – Flare Attributes

Form OP-UA12 – Fugitive Emission Attributes

Form OP-UA15 – Emission Point/Stationary Vent/Distillation

Form OP-UA57 – Cleaning/Depainting Operating Attributes

Form OP-UA60 – Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes

Section 3 – Applicability Identification Forms

Form OP-REQ1 – Application Area-Wide Applicability Determinations and General Information

Form OP-REQ2 – Negative Applicable Requirement Determinations

Form OP-REQ3 – Applicable Requirements Summary

Section 4 – Compliance Certification Forms

Form OP-ACPS

Section 5 – Permits by Rule Supplemental Table

Permits by Rule Supplemental Table

Section 1 - Administrative Forms

**Federal Operating Permit Program
Form OP-1 – Site Information Summary (Page 1)**

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

I. Company Identifying Information
A. Company Name: Union Carbide Corporation
B. Customer Reference Number (CN): CN601688781
C. Submittal Date (mm/dd/yyyy): August 19, 2025
II. Site Information
A. Site Name: Union Carbide Texas City
B. Regulated Entity Reference Number (RN): RN100219351
C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A
D. Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>
<input checked="" type="checkbox"/> VOC <input checked="" type="checkbox"/> NO _x <input checked="" type="checkbox"/> SO ₂ <input checked="" type="checkbox"/> PM ₁₀ <input checked="" type="checkbox"/> CO <input type="checkbox"/> Pb <input checked="" type="checkbox"/> HAPS
Other:
E. Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
F. Is the site within a local program area jurisdiction? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: N/A
III. Permit Type
A. Type of Permit Requested: <i>(Select only one response)</i>
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)

**Federal Operating Permit Program
Form OP-1 – Site Information Summary (Page 2)**

IV. Initial Application Information <i>(Complete for Initial Issuance Applications Only.)</i>	
A. Is this submittal an abbreviated or a full application?	<input type="checkbox"/> Abbreviated <input type="checkbox"/> Full
B. If this is a full application, is the submittal a follow-up to an abbreviated application?	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit?	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.)	<input type="checkbox"/> YES <input type="checkbox"/> NO
V. Confidential Information	
A. Is confidential information submitted in conjunction with this application?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
VI. Responsible Official (RO) Identifying Information	
RO Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.)	
RO Full Name: Lisa Cashbaugh-Sanchez	
RO Title: Senior Site Manufacturing Director	
Employer Name: The Dow Chemical Company	
Mailing Address: 3301 5th Avenue South	
City: Texas City	
State: Texas	
ZIP Code: 77590	
Territory:	
Country: USA	
Foreign Postal Code:	
Internal Mail Code:	
Telephone No.: 409-641-4141	
Fax No.:	
Email: LMCashbaugh@dow.com	

**Federal Operating Permit Program
Form OP-1 – Site Information Summary (Page 3)**

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

**Federal Operating Permit Program
Form OP-1 – Site Information Summary (Page 4)**

IX. Off-Site Permit Request <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
A. Office/Facility Name:
B. Physical Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
C. Physical Location:
D. Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name:
E. Telephone No.:
X. Application Area Information
A. Area Name: Organic Acids Facilities
B. Physical Address: 3301 5th Avenue South
City: Texas City
State: Texas
ZIP Code: 77592-0471
C. Physical Location: 3301 5th Avenue South
D. Nearest City: Texas City
E. State: Texas
F. ZIP Code: 77592-0471

**Federal Operating Permit Program
Form OP-1 – Site Information Summary (Page 5)**

X. Application Area Information (continued)
G. Latitude (nearest second): 29° 22' 21"
H. Longitude (nearest second): 94° 56' 39"
I. Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
J. Indicate the estimated number of emission units in the application area: 30
K. Are there any emission units in the application area subject to the Acid Rain Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
XI. Public Notice <i>(Complete this section for SOP Applications and Acid Rain Permit Applications only.)</i>
A. Name of a public place to view application and draft permit: Moore Public Library
B. Physical Address: 1701 9th Avenue South
City: Texas City
ZIP Code: 77592
C. Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: (<input type="checkbox"/> Mr. <input checked="" type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
Contact Person Full Name: Crystal Schmidt
Contact Mailing Address: 332 South Hwy 332 E
City: Lake Jackson
State: Texas
ZIP Code: 77566
Territory:
Country: USA
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 979-238-1742

**Federal Operating Permit Program
Form OP-1 – Site Information Summary (Page 6)**

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
Form OP-1 – Site Information Summary (Page 7)**

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: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> 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
Form OP-2 – Application for Permit Revision/Renewal
Table 1

Date: August 19, 2025	
Permit No.: O1923	
Regulated Entity No.: RN100219351	
Company Name: Union Carbide Corporation	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
I. Application Type	
Indicate the type of application:	
<input checked="" type="checkbox"/> Renewal	
<input type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
<input type="checkbox"/> Significant Revision	
<input type="checkbox"/> Revision Requesting Prior Approval	
<input type="checkbox"/> Administrative Revision	
<input type="checkbox"/> Response to Reopening	
II. Qualification Statement	
For SOP Revisions Only <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
For GOP Revisions Only <input type="checkbox"/> YES <input type="checkbox"/> NO	

Federal Operating Permit Program
Form OP-2 – Application for Permit Revision/Renewal
Table 1 (continued)

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

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

Date: August 19, 2025
Permit No.: O1923
Regulated Entity No.: RN100219351
Company Name: Union Carbide Corporation

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

Revision No.	Revision Code	New Unit	Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.	Applicable Form		
1	MS-C	NO	N/A	OP-UAs OP-REQ1	N/A	<p>Union Carbide Corporation (UCC) requests updates to unit sources whose UA forms have been updated since the last renewal.</p> <p>In addition, UCC is requesting to update the Preconstruction Authorizations. Please see the attached Form OP-REQ1.</p> <p>Additions have been bolded and italicized, and deletions have been marked with a strikethrough.</p>
2	MS-C	NO	Multiple	OP-SUMR OP-PBRSUP	N/A	<p>Please update the PBR Supplemental Table to include any changes that have been made since the permit was last renewed in March 2021 (Project #30346) before this form was required.</p> <p>Please update the authorizations for these units on the Form OP-SUMR to match the PBR Supplemental Table.</p>
3	MS-C	NO	T12C8904	OP-SUMR	N/A	<p>Please add PBR 106.261/11/01/2003 (Registration No. 76637) to the list of authorizations for this unit.</p> <p>Please add PBR 106.262/11/01/2003 (Registration No. 76637) to the list of authorizations for this unit.</p>

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

Date: August 19, 2025
Permit No.: O1923
Regulated Entity No.: RN100219351
Company Name: Union Carbide Corporation

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

Revision No.	Revision Code	New Unit	Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.	Applicable Form		
4	MS-C	NO	T12C3307 T12C3309	OP-SUMR	N/A	<p>Please add Registration No. 90585 to PBR 106.261/11/01/2003 to the list of authorizations for this unit.</p> <p>Please add Registration No. 90585 to PBR 106.262/11/01/2003 to the list of authorizations for this unit.</p>
5	MS-C	NO	F12C001-01	OP-SUMR	N/A	<p>Please add PBR 106.261/11/01/2003 (Registration Nos. 90585, 151258, 156308, 160801, 168511, 175407, 179610) to the list of authorizations for this unit.</p> <p>Please add PBR 106.262/11/01/2003 (Registration Nos. 90585, 151258, 156308, 160801, 168511, 172005, 175407, 179610) to the list of authorizations for this unit.</p>
6	MS-C	NO	F12C05-01	OP-SUMR	N/A	<p>Please add PBR 106.261/11/01/2003 (Registration Nos. 74151, 151258, 160801, 164530, 175407) to the list of authorizations for this unit.</p> <p>Please add PBR 106.262/11/01/2003 (Registration Nos. 74151, 151258, 160801, 172005, 175407) to the list of authorizations for this unit.</p>

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

Date: August 19, 2025
Permit No.: O1923
Regulated Entity No.: RN100219351
Company Name: Union Carbide Corporation

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

Revision No.	Revision Code	New Unit	Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.	Applicable Form		
7	MS-C	NO	PRO-ACIDS	OP-SUMR	N/A	Please add PBRs 106.263/11/01/2001, 106.264/09/04/2000, and 106.492/09/04/2000 to the list of authorizations for this unit.

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

Date: August 19, 2025	
Permit No.: O1923	
Regulated Entity No.: RN100219351	
Company Name: Union Carbide Corporation	
I. Significant Revision <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i>	
A.	Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B.	Indicate the alternate language(s) in which public notice is required: Spanish
C.	Will, there be a change in air pollutant emissions as a result of the significant revision? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

**Flare Attributes
Form OP-UA7
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Table of Contents

Table	Regulation	Page	Data Submitted
N/A	N/A	OP-SUM Table 1	Yes
N/A	N/A	OP-REQ2	
Table 1	30 TAC Chapter 111, Control of Air Pollution from Visible Emissions and Particulate Matter	Page 1	Yes
Table 2	30 TAC Chapter 117, Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas	Page 2	
Table 3	40 CFR Part 60 and 40 CFR Part 61, Subpart A: General Provisions of Standards of Performance for New Stationary Sources and National Emission Standards for Hazardous Air Pollutants	Page 3	Yes
Table 4	40 CFR Part 63, Subpart A: General Provisions of National Emission Standards for Hazardous Air Pollutants for Source Categories	Page 4	Yes
Table 5a	30 TAC Chapter 115, Subchapter H, Division 1: Highly-Reactive Volatile Organic Compounds-Vent Gas Control	Page 5	
Table 5b	30 TAC Chapter 115, Subchapter H, Division 1: Highly-Reactive Volatile Organic Compounds-Vent Gas Control	Page 6	
Table 6	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 7	

Flare Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality

Form OP-SUM - Individual Unit Summary
Table 1

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		E12C050		OAH ACIDS FLARE			NSR Permit	6355		

**Flare Attributes
Form OP-UA7
Federal Operating Permit Program
Texas Commission on Environmental Quality**

**Table 1: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)
Control of Air Pollution from Visible Emissions and Particulate Matter**

Unit ID No.	SOP/GOP Index No.	Acid Gases Only	Emergency/Upset Conditions Only	Alternate Opacity Limitation (AOL)	AOL ID No.	Construction Date
E12C050	R1111-01	NO	NO			

[Go to the Table of Contents](#)

**Flare Attributes
Form OP-UA7
Federal Operating Permit Program
Texas Commission on Environmental Quality**

**Table 3: Title 40 Code of Federal Regulations Part 60 and 61 (40 CFR Part 60 and 40 CFR Part 61)
Subpart A: General Provisions of Standards of Performance for New Stationary Sources and National Emission Standards for Hazardous Air Pollutants**

Unit ID No.	SOP/GOP Index No.	Subject to 40 CFR §60.18	Adhering to Heat Content Specifications	Flare Assist Type	Flare Exit Velocity	Heating Value of Gas
E12C050	60A-01	YES	YES	NONE	60-	

[Go to the Table of Contents](#)

**Flare Attributes
Form OP-UA7
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Table 4: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

Subpart A: General Provisions of National Emission Standards for Hazardous Air Pollutants for Source Categories

Unit ID No.	SOP/GOP Index No.	Required Under 40 CFR Part 63	Heat Content Specification	Flare Assist Type	Flare Exit Velocity	Heating Value of Gas
E12C050	63A-01	YES	YES	NONE	60-	

[Go to the Table of Contents](#)

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

Form OP-SUM - Individual Unit Summary

Table 1

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		T12C3005		OAH ACIDS & BYPRODUCT STORAGE 1			NSR Permit	6355		
		T12C3102		OAH ACIDS ALDEHYDE FEED TANK - 3			NSR Permit	6355		
		T12C3301		OAH ACIDS ACID & BYPRODUCT STORAGE 2			NSR Permit	6355		
		T12C3302		OAH ACIDS ACID & BYPRODUCT STORAGE 3			NSR Permit	6355		
		T12C3304		OAH ACIDS ACID & BYPRODUCT STORAGE 4			NSR Permit	6355		
		T12C3306		OAH ACIDS ACID & BYPRODUCT STORAGE 5			NSR Permit	6355		
		T12C3307		OAH ACIDS ACID & BYPRODUCT STORAGE 6			NSR Permit	6355		
		T12C3307		OAH ACIDS ACID & BYPRODUCT STORAGE 6			PBR	90585	106.261	11/01/2003
		T12C3307		OAH ACIDS ACID & BYPRODUCT STORAGE 6			PBR	90585	106.262	11/01/2003
		T12C3309		OAH ACIDS ACID & BYPRODUCT STORAGE 7			NSR Permit	6355		

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

Form OP-SUM - Individual Unit Summary

Table 1

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		T12C3309		OAI ACIDS ACID & BYPRODUCT STORAGE 7			PBR	90585	106.261	11/01/2003
		T12C3309		OAI ACIDS ACID & BYPRODUCT STORAGE 7			PBR	90585	106.262	11/01/2003
		T12C3401		OAI ACIDS ACID & BYPRODUCT STORAGE 8			NSR Permit	6355		
		T12C3402		OAI ACIDS ACID & BYPRODUCT STORAGE 9			NSR Permit	6355		
		T12C8901		OAI ACIDS ACID & BYPRODUCT STORAGE 10			NSR Permit	6355		
		T12C8902		OAI ACIDS ACID & BYPRODUCT STORAGE 11			NSR Permit	6355		
		T12C8903		OAI ACIDS ACID & BYPRODUCT STORAGE 12			NSR Permit	6355		
		T12C8904		OAI ACIDS ACID & BYPRODUCT STORAGE 13			NSR Permit	6355		
		T12C8904		OAI ACIDS ACID & BYPRODUCT STORAGE 13			PBR	76637	106.261	11/01/2003
		T12C8904		OAI ACIDS ACID & BYPRODUCT STORAGE 13			PBR	76637	106.262	11/01/2003

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

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

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		T12G3408	GRP-OAII TK	OAII BY-PRODUCT STORAGE - 1			NSR Permit	6355		
		T12G3409	GRP-OAII TK	OAII BY-PRODUCT STORAGE - 2			NSR Permit	6355		
		T12G8910	GRP-OAII TK	OAII BY-PRODUCT STORAGE - 1			NSR Permit	6355		
		T12G8911	GRP-OAII TK	OAII BY-PRODUCT STORAGE - 2			NSR Permit	6355		

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

Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations

Unit AI	Revision No.	Unit ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		T12C3005	40 CFR Part 60, Subpart Kb	60.110b(a)	Design capacity < 19,800 gallons
		T12C3102	40 CFR Part 60, Subpart Kb	60.110b(a)	Design capacity < 19,800 gallons
		T12C3301	40 CFR Part 60, Subpart Kb	60.110b(a)	Design capacity < 19,800 gallons
		T12C3202	40 CFR Part 60, Subpart Kb	60.110b(a)	Design capacity < 19,800 gallons
		T12C3304	40 CFR Part 60, Subpart Kb	60.110b(a)	No construction or modifications performed after 07/23/84
		T12C3306	40 CFR Part 60, Subpart Kb	60.110b(a)	Design capacity < 19,800 gallons
		T12C3307	40 CFR Part 60, Subpart Kb	60.110b(a)	Design capacity < 19,800 gallons
		T12C3309	40 CFR Part 60, Subpart Kb	60.110b(a)	Design capacity < 19,800 gallons
		T12C3401	40 CFR Part 60, Subpart Kb	60.110b(a)	Design capacity < 19,800 gallons
		T12C3402	40 CFR Part 60, Subpart Kb	60.110b(a)	Design capacity < 19,800 gallons
		T12C8901	40 CFR Part 60, Subpart Kb	60.110b(a)	No construction or modifications performed after 07/23/84
		T12C8902	40 CFR Part 60, Subpart Kb	60.110b(a)	No construction or modifications performed after 07/23/84
		T12C8903	40 CFR Part 60, Subpart Kb	60.110b(a)	No construction or modifications performed after 07/23/84
		T12C8904	40 CFR Part 60, Subpart Kb	60.110b(a)	No construction or modifications performed after 07/23/84
		GRP-OAIIK	40 CFR Part 63, Subpart G	63.110(a)	Emission units in this process unit do not manufacture or receive materials from a unit that produces, as a primary product, a chemical from Table 1 of Subpart F, Tetrahydrobenzaldehyde, or Crotonaldehyde
		GRP-OAIIK	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity greater than 19,800 gallons but less than 39,900 gallons storing a liquid with maximum true vapor pressure less than 2.2 psia

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

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

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
T12C3005	R5112-01	NO		VOC1	A1K-25K			
T12C3102	R5112-01	NO		VOC1	A1K-25K			
T12C3102	R5112-02	NO		VOC1	A1K-25K			
T12C3301	R5112-01	NO		VOC1	A1K-25K			
T12C3302	R5112-01	NO		VOC1	A1K-25K			
T12C3304	R5112-01	NO		VOC1	A25K-40K			
T12C3307	R5112-01	NO		VOC1	A1K-25K			
T12C3307	R5112-02	NO		VOC1	A1K-25K			
T12C3309	R5112-01	NO		VOC1	A1K-25K			
T12C3309	R5112-02	NO		VOC1	A1K-25K			
T12C3401	R5112-01	NO		VOC1	A1K-25K			
T12C3402	R5112-01	NO		VOC1	A1K-25K			
T12C8901	R5112-01	NO		VOC1	A25K-40K			
T12C8901	R5112-01	NO		VOC1	A25K-40K			
T12C8902	R5112-01	NO		VOC1	A25K-40K			
T12C8903	R5112-01	NO		VOC1	A25K-40K			
T12C8904	R5112-01	NO		VOC1	A25K-40K			
GRP-OAIITK	R5112-01	NO		VOC1	A1K-25K			

[Go to the Table of Contents](#)

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

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

Unit ID No.	SOP/GOP Index No.	Construction Date	Tank Description	True Vapor Pressure	Primary Seal	Secondary Seal	Control Device Type	Control Device ID No.
T12C3005	R5112-01		NONE1	1-				
T12C3102	R5112-01		SPVRS1	1.5+A			DIRINC	E12C035
T12C3102	R5112-02		SPVRS1	1.5+A			FLARE	E12C050
T12C3301	R5112-01		NONE1	1-				
T12C3302	R5112-01		NONE1	1-				
T12C3304	R5112-01		NONE1	1-				
T12C3306	R5112-01		NONE1	1-				
T12C3307	R5112-01		SPVRS1	1.5+A			DIRINC	E12C035
T12C3307	R5112-02		SPVRS1	1.5+A			FLARE	E12C050
T12C3309	R5112-01		SPVRS1	1.5+A			DIRINC	E12C035
T12C3309	R5112-02		SPVRS1	1.5+A			FLARE	E12C050
T12C3401	R5112-01		NONE1	1-				
T12C3402	R5112-01		NONE1	1-				
T12C8901	R5112-01		NONE1	1-				
T12C8902	R5112-01		NONE1	1-				
T12C8903	R5112-01		NONE1	1-				
T12C8904	R5112-01		NONE1	1-				
GRP-OAIITK	R5112-01		NONE1	1-				

[Go to the Table of Contents](#)

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

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

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.
T12C3005	63G-01	NO	NO	NO			
T12C3102	63G-01	NO	NO	NO			
T12C3301	63G-01	NO	NO	NO			
T12C3302	63G-01	NO	NO	NO			
T12C3304	63G-01	NO	NO	NO			
T12C3306	63G-01	NO	NO	NO			
T12C3307	63G-01	NO	NO	NO			
T12C3309	63G-01	NO	NO	NO			
T12C3401	63G-01	NO	NO	NO			
T12C3402	63G-01	NO	NO	NO			
T12C8901	63G-01	NO	NO	NO			
T12C8902	63G-01	NO	NO	NO			
T12C8903	63G-01	NO	NO	NO			
T12C8904	63G-01	NO	NO	NO			

[Go to the Table of Contents](#)

**Fugitive Emission Unit Attributes
Form OP-UA12
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Table of Contents

Table	Regulation	Page	Data Submitted
N/A	N/A	OP-SUM Table 1	Yes
N/A	N/A	OP-REQ2	Yes
Table 1a	40 CFR Part 60, Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants	Page 1	
Table 1b	40 CFR Part 60, Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants	Page 2	
Table 1c	40 CFR Part 60, Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants	Page 3	
Table 1d	40 CFR Part 60, Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants	Page 4	
Table 1e	40 CFR Part 60, Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants	Page 5	
Table 1f	40 CFR Part 60, Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants	Page 6	
Table 1g	40 CFR Part 60, Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants	Page 7	
Table 1h	40 CFR Part 60, Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants	Page 8	
Table 1i	40 CFR Part 60, Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants	Page 9	
Table 1j	40 CFR Part 60, Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants	Page 10	
Table 2a	30 TAC Chapter 115, Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone Nonattainment Areas	Page 11	Yes
Table 2b	30 TAC Chapter 115, Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone Nonattainment Areas	Page 12	
Table 2c	30 TAC Chapter 115, Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone Nonattainment Areas	Page 13	
Table 2d	30 TAC Chapter 115, Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone Nonattainment Areas	Page 14	
Table 2e	30 TAC Chapter 115, Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone Nonattainment Areas	Page 15	
Table 2f	30 TAC Chapter 115, Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone Nonattainment Areas	Page 16	

**Fugitive Emission Unit Attributes
Form OP-UA12
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Table of Contents

Table	Regulation	Page	Data Submitted
Table 2g	30 TAC Chapter 115, Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone Nonattainment Areas	Page 17	
Table 2h	30 TAC Chapter 115, Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone Nonattainment Areas	Page 18	
Table 2i	30 TAC Chapter 115, Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone Nonattainment Areas	Page 19	
Table 2j	30 TAC Chapter 115, Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone Nonattainment Areas	Page 20	
Table 2k	30 TAC Chapter 115, Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone Nonattainment Areas	Page 21	
Table 3a	40 CFR Part 61, Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)	Page 22	
Table 3b	40 CFR Part 61, Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)	Page 23	
Table 3c	40 CFR Part 61, Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)	Page 24	
Table 3d	40 CFR Part 61, Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)	Page 25	
Table 3e	40 CFR Part 61, Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)	Page 26	
Table 3f	40 CFR Part 61, Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)	Page 27	
Table 3g	40 CFR Part 61, Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)	Page 28	
Table 3h	40 CFR Part 61, Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)	Page 29	
Table 3i	40 CFR Part 61, Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)	Page 30	
Table 3j	40 CFR Part 61, Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)	Page 31	
Table 4a	40 CFR Part 60, Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006	Page 32	
Table 4b	40 CFR Part 60, Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006	Page 33	

**Fugitive Emission Unit Attributes
Form OP-UA12
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Table of Contents

Table	Regulation	Page	Data Submitted
Table 4c	40 CFR Part 60, Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006	Page 34	
Table 4d	40 CFR Part 60, Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006	Page 35	
Table 4e	40 CFR Part 60, Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006	Page 36	
Table 4f	40 CFR Part 60, Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006	Page 37	
Table 4g	40 CFR Part 60, Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006	Page 38	
Table 4h	40 CFR Part 60, Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006	Page 39	
Table 4i	40 CFR Part 60, Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006	Page 40	
Table 4j	40 CFR Part 60, Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006	Page 41	
Table 4k	40 CFR Part 60, Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006	Page 42	
Table 4l	40 CFR Part 60, Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006	Page 43	
Table 5a	40 CFR Part 60, Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry	Page 44	
Table 5b	40 CFR Part 60, Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry	Page 45	

**Fugitive Emission Unit Attributes
Form OP-UA12
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Table of Contents

Table	Regulation	Page	Data Submitted
Table 5c	40 CFR Part 60, Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry	Page 46	
Table 5d	40 CFR Part 60, Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry	Page 47	
Table 5e	40 CFR Part 60, Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry	Page 48	
Table 5f	40 CFR Part 60, Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry	Page 49	
Table 5g	40 CFR Part 60, Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry	Page 50	
Table 5h	40 CFR Part 60, Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry	Page 51	
Table 6	40 CFR Part 61, Subpart J: National Emission Standard for Equipment Leaks (Fugitive Emission Sources) of Benzene	Page 52	
Table 7a	30 TAC Chapter 115, Subchapter D: Fugitive Emission Control in Petroleum Refineries in Gregg, Nueces, and Victoria Counties	Page 53	
Table 7b	30 TAC Chapter 115, Subchapter D: Fugitive Emission Control in Petroleum Refineries in Gregg, Nueces, and Victoria Counties	Page 54	
Table 7c	30 TAC Chapter 115, Subchapter D: Fugitive Emission Control in Petroleum Refineries in Gregg, Nueces, and Victoria Counties	Page 55	
Table 7d	30 TAC Chapter 115, Subchapter D: Fugitive Emission Control in Petroleum Refineries in Gregg, Nueces, and Victoria Counties	Page 56	
Table 7e	30 TAC Chapter 115, Subchapter D: Fugitive Emission Control in Petroleum Refineries in Gregg, Nueces, and Victoria Counties	Page 57	
Table 7f	30 TAC Chapter 115, Subchapter D: Fugitive Emission Control in Petroleum Refineries in Gregg, Nueces, and Victoria Counties	Page 58	
Table 8a	40 CFR Part 60, Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006	Page 59	
Table 8b	40 CFR Part 60, Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006	Page 60	

**Fugitive Emission Unit Attributes
Form OP-UA12
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Table of Contents

Table	Regulation	Page	Data Submitted
Table 8c	40 CFR Part 60, Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006	Page 61	
Table 8d	40 CFR Part 60, Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006	Page 62	
Table 8e	40 CFR Part 60, Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006	Page 63	
Table 8f	40 CFR Part 60, Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006	Page 64	
Table 8g	40 CFR Part 60, Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006	Page 65	
Table 8h	40 CFR Part 60, Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006	Page 66	
Table 8i	40 CFR Part 60, Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006	Page 67	
Table 8j	40 CFR Part 60, Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006	Page 68	
Table 8k	40 CFR Part 60, Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006	Page 69	
Table 9a	40 CFR Part 63, Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks	Page 70	Yes
Table 9b	40 CFR Part 63, Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks	Page 71	
Table 9c	40 CFR Part 63, Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks	Page 72	
Table 9d	40 CFR Part 63, Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks	Page 73	

**Fugitive Emission Unit Attributes
Form OP-UA12
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Table of Contents

Table	Regulation	Page	Data Submitted
Table 9e	40 CFR Part 63, Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks	Page 74	
Table 9f	40 CFR Part 63, Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks	Page 75	
Table 9g	40 CFR Part 63, Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks	Page 76	
Table 10	40 CFR Part 63, Subpart I: National Emission Standards for Organic Hazardous Air Pollutants for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks	Page 77	
Table 11a	40 CFR Part 61, Subpart F: National Emission Standard for Vinyl Chloride	Page 78	
Table 11b	40 CFR Part 61, Subpart F: National Emission Standard for Vinyl Chloride	Page 79	
Table 11c	40 CFR Part 61, Subpart F: National Emission Standard for Vinyl Chloride	Page 80	
Table 12a	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 81	
Table 12b	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 82	
Table 12c	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 83	
Table 12d	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 84	
Table 12e	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 85	
Table 12f	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 86	
Table 12g	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 87	
Table 12h	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 88	
Table 12i	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 89	
Table 12j	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 90	
Table 12k	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 91	
Table 12l	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 92	
Table 12m	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 93	

**Fugitive Emission Unit Attributes
Form OP-UA12
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Table of Contents

Table	Regulation	Page	Data Submitted
Table 12n	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 94	
Table 12o	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 95	
Table 12p	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 96	
Table 12q	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 97	
Table 13a	40 CFR Part 63, Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities	Page 98	
Table 13b	40 CFR Part 63, Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities	Page 99	
Table 13c	40 CFR Part 63, Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities	Page 100	
Table 13d	40 CFR Part 63, Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities	Page 101	
Table 13e	40 CFR Part 63, Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities	Page 102	
Table 13f	40 CFR Part 63, Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities	Page 103	
Table 13g	40 CFR Part 63, Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities	Page 104	
Table 13h	40 CFR Part 63, Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities	Page 105	
Table 13i	40 CFR Part 63, Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities	Page 106	
Table 13j	40 CFR Part 63, Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities	Page 107	
Table 13k	40 CFR Part 63, Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities	Page 108	

**Fugitive Emission Unit Attributes
Form OP-UA12
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Table of Contents

Table	Regulation	Page	Data Submitted
Table 13l	40 CFR Part 63, Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities	Page 109	
Table 13m	40 CFR Part 63, Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities	Page 110	
Table 14a	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins	Page 111	
Table 14b	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins	Page 112	
Table 14c	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins	Page 113	
Table 14d	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins	Page 114	
Table 14e	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins	Page 115	
Table 14f	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins	Page 116	
Table 14g	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins	Page 117	
Table 14h	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins	Page 118	
Table 14i	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins	Page 119	
Table 14j	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins	Page 120	
Table 14k	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins	Page 121	
Table 14l	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins	Page 122	
Table 14m	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins	Page 123	
Table 15a	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	Page 124	
Table 15b	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	Page 125	
Table 15c	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	Page 126	
Table 15d	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	Page 127	

**Fugitive Emission Unit Attributes
Form OP-UA12
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Table of Contents

Table	Regulation	Page	Data Submitted
Table 15e	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	Page 128	
Table 15f	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	Page 129	
Table 15g	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	Page 130	
Table 15h	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	Page 131	
Table 15i	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	Page 132	
Table 15j	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	Page 133	
Table 15k	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	Page 134	
Table 15l	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	Page 135	
Table 15m	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	Page 136	
Table 15n	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	Page 137	
Table 16a	30 TAC Chapter 115, Subchapter H: Fugitive Emissions (HRVOC)	Page 138	
Table 16b	30 TAC Chapter 115, Subchapter H: Fugitive Emissions (HRVOC)	Page 139	
Table 16c	30 TAC Chapter 115, Subchapter H: Fugitive Emissions (HRVOC)	Page 140	
Table 16d	30 TAC Chapter 115, Subchapter H: Fugitive Emissions (HRVOC)	Page 141	
Table 16e	30 TAC Chapter 115, Subchapter H: Fugitive Emissions (HRVOC)	Page 142	
Table 16f	30 TAC Chapter 115, Subchapter H: Fugitive Emissions (HRVOC)	Page 143	
Table 16g	30 TAC Chapter 115, Subchapter H: Fugitive Emissions (HRVOC)	Page 144	
Table 17a	40 CFR Part 60, Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006	Page 145	
Table 17b	40 CFR Part 60, Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006	Page 146	
Table 17c	40 CFR Part 60, Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006	Page 147	

**Fugitive Emission Unit Attributes
Form OP-UA12
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Table of Contents

Table	Regulation	Page	Data Submitted
Table 17d	40 CFR Part 60, Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006	Page 148	
Table 17e	40 CFR Part 60, Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006	Page 149	
Table 17f	40 CFR Part 60, Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006	Page 150	
Table 17g	40 CFR Part 60, Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006	Page 151	
Table 17h	40 CFR Part 60, Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006	Page 152	
Table 17i	40 CFR Part 60, Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006	Page 153	
Table 17j	40 CFR Part 60, Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006	Page 154	
Table 17k	40 CFR Part 60, Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006	Page 155	
Table 17l	40 CFR Part 60, Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006	Page 156	
Table 18a	40 CFR Part 60, Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after November 7, 2006	Page 157	
Table 18b	40 CFR Part 60, Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after November 7, 2006	Page 158	

**Fugitive Emission Unit Attributes
Form OP-UA12
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Table of Contents

Table	Regulation	Page	Data Submitted
Table 18c	40 CFR Part 60, Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after November 7, 2006	Page 159	
Table 18d	40 CFR Part 60, Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after November 7, 2006	Page 160	
Table 18e	40 CFR Part 60, Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after November 7, 2006	Page 161	
Table 18f	40 CFR Part 60, Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after November 7, 2006	Page 162	
Table 18g	40 CFR Part 60, Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after November 7, 2006	Page 163	
Table 18h	40 CFR Part 60, Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after November 7, 2006	Page 164	
Table 18i	40 CFR Part 60, Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after November 7, 2006	Page 165	
Table 18j	40 CFR Part 60, Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after November 7, 2006	Page 166	
Table 18k	40 CFR Part 60, Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after November 7, 2006	Page 167	
Table 18l	40 CFR Part 60, Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after November 7, 2006	Page 168	
Table 19a	40 CFR Part 60, Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015	Page 169	
Table 19b	40 CFR Part 60, Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015	Page 170	

**Fugitive Emission Unit Attributes
Form OP-UA12
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Table of Contents

Table	Regulation	Page	Data Submitted
Table 19c	40 CFR Part 60, Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015	Page 171	
Table 19d	40 CFR Part 60, Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015	Page 172	
Table 19e	40 CFR Part 60, Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015	Page 173	
Table 19f	40 CFR Part 60, Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015	Page 174	
Table 19g	40 CFR Part 60, Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015	Page 175	
Table 19h	40 CFR Part 60, Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015	Page 176	
Table 19i	40 CFR Part 60, Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015	Page 177	
Table 19j	40 CFR Part 60, Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015	Page 178	
Table 19k	40 CFR Part 60, Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015	Page 179	
Table 19l	40 CFR Part 60, Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015	Page 180	
Table 19m	40 CFR Part 60, Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015	Page 181	
Table 19n	40 CFR Part 60, Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015	Page 182	
Table 19o	40 CFR Part 60, Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015	Page 183	
Table 19p	40 CFR Part 60, Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015	Page 184	

**Fugitive Emission Unit Attributes
Form OP-UA12
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Table of Contents

Table	Regulation	Page	Data Submitted
Table 20a	40 CFR Part 60, Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification, or Reconstruction Commenced After August 23, 2011, and on or before September 18, 2015	Page 185	
Table 20b	40 CFR Part 60, Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification, or Reconstruction Commenced After August 23, 2011, and on or before September 18, 2015	Page 186	
Table 20c	40 CFR Part 60, Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification, or Reconstruction Commenced After August 23, 2011, and on or before September 18, 2015	Page 187	
Table 20d	40 CFR Part 60, Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification, or Reconstruction Commenced After August 23, 2011, and on or before September 18, 2015	Page 188	
Table 20e	40 CFR Part 60, Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification, or Reconstruction Commenced After August 23, 2011, and on or before September 18, 2015	Page 189	
Table 20f	40 CFR Part 60, Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification, or Reconstruction Commenced After August 23, 2011, and on or before September 18, 2015	Page 190	
Table 20g	40 CFR Part 60, Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification, or Reconstruction Commenced After August 23, 2011, and on or before September 18, 2015	Page 191	
Table 20h	40 CFR Part 60, Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification, or Reconstruction Commenced After August 23, 2011, and on or before September 18, 2015	Page 192	
Table 20i	40 CFR Part 60, Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification, or Reconstruction Commenced After August 23, 2011, and on or before September 18, 2015	Page 193	
Table 20j	40 CFR Part 60, Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification, or Reconstruction Commenced After August 23, 2011, and on or before September 18, 2015	Page 194	
Table 20k	40 CFR Part 60, Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification, or Reconstruction Commenced After August 23, 2011, and on or before September 18, 2015	Page 195	

**Fugitive Emission Unit Attributes
Form OP-UA12
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Table of Contents

Table	Regulation	Page	Data Submitted
Table 20l	40 CFR Part 60, Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification, or Reconstruction Commenced After August 23, 2011, and on or before September 18, 2015	Page 196	
Table 20m	40 CFR Part 60, Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification, or Reconstruction Commenced After August 23, 2011, and on or before September 18, 2015	Page 197	
Table 20n	40 CFR Part 60, Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification, or Reconstruction Commenced After August 23, 2011, and on or before September 18, 2015	Page 198	
Table 20o	40 CFR Part 60, Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification, or Reconstruction Commenced After August 23, 2011, and on or before September 18, 2015	Page 199	
Table 21a	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 200	
Table 21b	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 201	
Table 21c	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 202	
Table 21d	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 203	
Table 21e	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 204	
Table 21f	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 205	
Table 21g	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 206	
Table 21h	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 207	
Table 21i	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 208	
Table 21j	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 209	
Table 21k	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 210	
Table 21l	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 211	
Table 21m	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 212	

**Fugitive Emission Unit Attributes
Form OP-UA12
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Table of Contents

Table	Regulation	Page	Data Submitted
Table 21n	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 213	
Table 21o	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 214	
Table 21p	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 215	
Table 21q	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 216	
Table 21r	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 217	
Table 21s	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 218	
Table 21t	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 219	
Table 21u	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 220	
Table 21v	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 221	
Table 21w	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 222	
Table 21x	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 223	
Table 21y	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 224	
Table 21z	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 225	
Table 21aa	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 226	
Table 22a	30 TAC Chapter 115, Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas	Page 227	
Table 22b	30 TAC Chapter 115, Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas	Page 228	
Table 22c	30 TAC Chapter 115, Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas	Page 229	
Table 22d	30 TAC Chapter 115, Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas	Page 230	
Table 22e	30 TAC Chapter 115, Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas	Page 231	
Table 22f	30 TAC Chapter 115, Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas	Page 232	

**Fugitive Emission Unit Attributes
Form OP-UA12
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Table of Contents

Table	Regulation	Page	Data Submitted
Table 22g	30 TAC Chapter 115, Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas	Page 233	
Table 22h	30 TAC Chapter 115, Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas	Page 234	
Table 22i	30 TAC Chapter 115, Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas	Page 235	
Table 22j	30 TAC Chapter 115, Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas	Page 236	
Table 22k	30 TAC Chapter 115, Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas	Page 237	
Table 22l	30 TAC Chapter 115, Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas	Page 238	
Table 22m	30 TAC Chapter 115, Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas	Page 239	
Table 22n	30 TAC Chapter 115, Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas	Page 240	
Table 22o	30 TAC Chapter 115, Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas	Page 241	
Table 23a	40 CFR Part 63, Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)	Page 242	
Table 23b	40 CFR Part 63, Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)	Page 243	
Table 23c	40 CFR Part 63, Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)	Page 244	
Table 23d	40 CFR Part 63, Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)	Page 245	
Table 23e	40 CFR Part 63, Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)	Page 246	
Table 23f	40 CFR Part 63, Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)	Page 247	
Table 23g	40 CFR Part 63, Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)	Page 248	
Table 23h	40 CFR Part 63, Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)	Page 249	
Table 23i	40 CFR Part 63, Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)	Page 250	

**Fugitive Emission Unit Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Form OP-SUM - Individual Unit Summary

Table 1

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
	5	F12C001-01		OAI ACIDS FUGITIVES			NSR Permit	6355		
	5	F12C001-01		OAI ACIDS FUGITIVES			PBR	90585	106.261	11/01/2003
	5	F12C001-01		OAI ACIDS FUGITIVES			PBR	151258	106.261	11/01/2003
	5	F12C001-01		OAI ACIDS FUGITIVES			PBR	156308	106.261	11/01/2003
	5	F12C001-01		OAI ACIDS FUGITIVES			PBR	160801	106.261	11/01/2003
	5	F12C001-01		OAI ACIDS FUGITIVES			PBR	168511	106.261	11/01/2003
	5	F12C001-01		OAI ACIDS FUGITIVES			PBR	175407	106.261	11/01/2003
	5	F12C001-01		OAI ACIDS FUGITIVES			PBR	179610	106.261	11/01/2003
	5	F12C001-01		OAI ACIDS FUGITIVES			PBR	90585	106.262	11/01/2003
	5	F12C001-01		OAI ACIDS FUGITIVES			PBR	151258	106.262	11/01/2003
	5	F12C001-01		OAI ACIDS FUGITIVES			PBR	156308	106.262	11/01/2003
	5	F12C001-01		OAI ACIDS FUGITIVES			PBR	160801	106.262	11/01/2003
	5	F12C001-01		OAI ACIDS FUGITIVES			PBR	168511	106.262	11/01/2003
	5	F12C001-01		OAI ACIDS FUGITIVES			PBR	172005	106.262	11/01/2003
	5	F12C001-01		OAI ACIDS FUGITIVES			PBR	175407	106.262	11/01/2003
	5	F12C001-01		OAI ACIDS FUGITIVES			PBR	179610	106.262	11/01/2003

**Fugitive Emission Unit Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality**

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

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
	6	F12C05-01		OAI ACIDS FUGITIVES			NSR Permit	6355	106.261	11/01/2003
	6	F12C05-01		OAI ACIDS FUGITIVES			PBR	74151	106.261	11/01/2003
	6	F12C05-01		OAI ACIDS FUGITIVES			PBR	151258	106.261	11/01/2003
	6	F12C05-01		OAI ACIDS FUGITIVES			PBR	160801	106.261	11/01/2003
	6	F12C05-01		OAI ACIDS FUGITIVES			PBR	164530	106.261	11/01/2003
	6	F12C05-01		OAI ACIDS FUGITIVES			PBR	175407	106.261	11/01/2003
	6	F12C05-01		OAI ACIDS FUGITIVES			PBR	74151	106.262	11/01/2003
	6	F12C05-01		OAI ACIDS FUGITIVES			PBR	151258	106.262	11/01/2003
	6	F12C05-01		OAI ACIDS FUGITIVES			PBR	160801	106.262	11/01/2003
	6	F12C05-01		OAI ACIDS FUGITIVES			PBR	172005	106.262	11/01/2003
	6	F12C05-01		OAI ACIDS FUGITIVES			PBR	175407	106.262	11/01/2003

**Fugitive Emission Unit Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations

Unit AI	Revision No.	Unit ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		F12C001-01	40 CFR Part 61, Subpart J	61.110(c)(3)	Does not operate in benzene service
		F12C001-01	40 CFR Part 61, Subpart V	61.240(a)	No source, as listed in 61.240(a), is intended to operate in VHAP service
		F12C05-01	40 CFR Part 60, Subpart VV	60.489	The facility does not produce as an intermediate or final product, one or more of the chemicals listed in 60.489
		F12C05-01	40 CFR Part 61, Subpart J	61.110(c)(3)	Does not operate in benzene service
		F12C05-01	40 CFR Part 61, Subpart V	61.240(a)	No source, as listed in 61.240(a), is intended to operate in VHAP service
		F12C05-01	40 CFR Part 63, Subpart H	63.160(a)	The fugitive unit does not operate in organic HAP service as listed in 63.160(a)

**Fugitive Emission Unit Attributes
Form OP-UA12
Federal Operating Permit Program
Texas Commission on Environmental Quality**

**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**

Unit ID No.	SOP/GOP Index No.	Title 30 TAC §115.352 Applicable	< 250 Components at Site	Weight Percent VOC	Reciprocating Compressors or Positive Displacement Pumps
F12C001-01	R5352-ALL				
F12C05-01	R5352-ALL				

[Go to the Table of Contents](#)

**Fugitive Emission Unit Attributes
Form OP-UA12
Federal Operating Permit Program
Texas Commission on Environmental Quality**

**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**

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
F12C001-01	63H-ALL						

[Go to the Table of Contents](#)

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

Table of Contents

Table	Regulation	Page	Data Submitted
N/A	N/A	OP-SUM Table 1	Yes
N/A	N/A	OP-SUM Table 2	
N/A	N/A	OP-REQ2	Yes
Table 1a	30 TAC Chapter 111, Subchapter A: Visible Emissions	Page 1	
Table 1b	30 TAC Chapter 111, Subchapter A: Visible Emissions	Page 2	
Table 2a	30 TAC Chapter 115, Subchapter B: Vent Gas Control	Page 3	Yes
Table 2b	30 TAC Chapter 115, Subchapter B: Vent Gas Control	Page 4	Yes
Table 2c	30 TAC Chapter 115, Subchapter B: Vent Gas Control	Page 5	
Table 3a	30 TAC Chapter 119, Control of Air Pollution from Carbon Monoxide	Page 6	
Table 3b	30 TAC Chapter 119, Control of Air Pollution from Carbon Monoxide	Page 7	
Table 4a	40 CFR Part 63, Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations	Page 8	
Table 4b	40 CFR Part 63, Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations	Page 9	
Table 4c	40 CFR Part 63, Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations	Page 10	
Table 5a	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 11	
Table 5b	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 12	
Table 6a	40 CFR Part 63, Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents	Page 13	Yes
Table 6b	40 CFR Part 63, Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents	Page 14	Yes
Table 6c	40 CFR Part 63, Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents	Page 15	Yes
Table 7	40 CFR Part 63, Subpart O: Ethylene Oxide Emission Standards for Sterilization Facilities	Page 16	
Table 8a	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins, Continuous Front-end Process Vents	Page 17	

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

Table of Contents

Table	Regulation	Page	Data Submitted
Table 8b	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins, Continuous Front-end Process Vents	Page 18	
Table 8c	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins, Continuous Front-end Process Vents	Page 19	
Table 9a	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins, Batch and Aggregate Batch Process Vents	Page 20	
Table 9b	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins, Batch and Aggregate Batch Process Vents	Page 21	
Table 9c	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins, Batch and Aggregate Batch Process Vents	Page 22	
Table 10a	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Continuous Process Vents	Page 23	
Table 10b	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Continuous Process Vents	Page 24	
Table 10c	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Continuous Process Vents	Page 25	
Table 10d	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Continuous Process Vents	Page 26	
Table 11a	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Batch and Aggregate Batch Process Vents	Page 27	
Table 11b	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Batch and Aggregate Batch Process Vents	Page 28	
Table 11c	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Batch and Aggregate Batch Process Vents	Page 29	
Table 12a	30 TAC Chapter 115, Subchapter H, Division 1: Highly-Reactive Volatile Organic Compounds-Vent Gas Control	Page 30	

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

Table of Contents

Table	Regulation	Page	Data Submitted
Table 12b	30 TAC Chapter 115, Subchapter H, Division 1: Highly-Reactive Volatile Organic Compounds-Vent Gas Control	Page 31	
Table 13a	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents	Page 32	
Table 13b	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents	Page 33	
Table 13c	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents	Page 34	
Table 13d	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents	Page 35	
Table 13e	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents	Page 36	
Table 13f	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents	Page 37	
Table 13g	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents	Page 38	
Table 14	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Batch Process Vents	Page 39	
Table 15	30 TAC Chapter 111, Subchapter A, Division 5: Emission Limits on Nonagricultural Processes	Page 40	
Table 16a	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 41	
Table 16b	40 CFR Part 63, Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation	Page 42	

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

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

Unit AI	Revision No.	Emission Point ID No.	Group ID No.	Emission Point Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		E12C035		OAI ACIDS VAPOR COMBUSTOR			NSR Permit	6355		
		E12C035		OAI ACIDS VAPOR COMBUSTOR			PBR		106.261	11/01/2003
		E12C035		OAI ACIDS VAPOR COMBUSTOR			PBR		106.264	09/04/2000
		E12C050		OAI ACIDS FLARE			NSR Permit	6355		
		E12DISTOAI		OAI ACIDS REFINING			NSR Permit	6355		
		E12RXOAI		OAI ACIDS REACTION			NSR Permit	6355		

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

Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations

Unit AI	Revision No.	Emission Point ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		E12C035	30 TAC Chapter 117, Subchapter B	117.303(a)(4)	Maximum rated capacity is less than 40 MMBtu/hr
		E12DISTOAI	40 CFR Part 60, Subpart NNN	60.110(d)(4)	Group 1 process vent subject to MACT G. MACT G supersedes NSPS NNN
		E12RXOAI	40 CFR Part 60, Subpart III	63.110(d)(1)	The Group 1 process vent that is subject to MACT G and NSPS III is required to comply only with MACT G
		E12RXOAI	40 CFR Part 60, Subpart RRR	60.700(a)	Facility does not produce a chemical listed in 60.707 as a product, co-product, by-product or intermediate

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

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

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
E12C035	R5121-01	NO	NO	REGVAPPL				
E12C050	R5121-01	NO	NO	REGVAPPL				

[Go to the Table of Contents](#)

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

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

Emission Point ID No.	SOP Index No.	Alternate Control Requirement	ACR ID No.	Control Device Type	Control Device ID No.
E12C035	R5121-01	NONE		DIRFLM	E12C035
E12C050	R5121-01	NONE		FLARE	E12C050

[Go to the Table of Contents](#)

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

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

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
E12C035	63G-01	NONE	YES							
E12C050	63G-01	NONE	YES							
E12DISTOAI	63G-01	NONE	YES							
E12DISTOAI	63G-02	NONE	YES							
E12RXOAI	63G-01	NONE	YES							
E12RXOAI	63G-02	NONE	YES							

[Go to the Table of Contents](#)

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

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

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
E12C035	63G-01	INCIN	E12C035	NO				YES
E12C050	63G-01	FLARE	E12C050	NO				YES
E12DISTOAI	63G-01	INCIN	E12C035	NO				YES
E12DISTOAI	63G-02	FLARE	E12C050	NO				YES
E12RXOAI	63G-01	INCIN	E12C035	NO				YES
E12RXOAI	63G-02	FLARE	E12C050	NO				YES

[Go to the Table of Contents](#)

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

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

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
E12C035	63G-01	NO		NOALT		NO	
E12C050	63G-01	NO		NOALT		NO	
E12DISTOAI	63G-01	NO		NOALT		NO	
E12DISTOAI	63G-02	NO		NOALT		NO	
E12RXOAI	63G-01	NO		NOALT		NO	
E12RXOAI	63G-02	NO		NOALT		NO	

[Go to the Table of Contents](#)

Cleaning/Depainting Operation Attributes
Form OP-UA57
Federal Operating Permit Program
Texas Commission on Environmental Quality

Table of Contents

Table	Regulation	Page	Data Submitted
N/A	N/A	OP-SUM Table 1	Yes
N/A	N/A	OP-REQ2	
Table 1a	40 CFR Part 63, Subpart GG: National Emission Standards for Aerospace Manufacturing and Rework Facilities	Page 1	
Table 1b	40 CFR Part 63, Subpart GG: National Emission Standards for Aerospace Manufacturing and Rework Facilities	Page 2	
Table 1c	40 CFR Part 63, Subpart GG: National Emission Standards for Aerospace Manufacturing and Rework Facilities	Page 3	
Table 1d	40 CFR Part 63, Subpart GG: National Emission Standards for Aerospace Manufacturing and Rework Facilities	Page 4	
Table 1e	40 CFR Part 63, Subpart GG: National Emission Standards for Aerospace Manufacturing and Rework Facilities	Page 5	
Table 1f	40 CFR Part 63, Subpart GG: National Emission Standards for Aerospace Manufacturing and Rework Facilities	Page 6	
Table 2	30 TAC Chapter 115, Subchapter E: Industrial Cleaning Solvents	Page 7	Yes

**Cleaning/Depainting Operation Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality**

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

Unit AI	Revision No.	Process ID No.	Group ID No.	Process Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
	7	PRO-ACIDS		ACIDS CHEMICAL MANUFACTURING PROCESS UNIT			NSR Permit	6355		
	7	PRO-ACIDS		ACIDS CHEMICAL MANUFACTURING PROCESS UNIT			PBR		106.263	11/01/2001
	7	PRO-ACIDS		ACIDS CHEMICAL MANUFACTURING PROCESS UNIT			PBR		106.264	09/04/2000
	7	PRO-ACIDS		ACIDS CHEMICAL MANUFACTURING PROCESS UNIT			PBR		106.492	09/04/2000

**Cleaning/Depainting Operation Attributes
Form OP-UA57
Federal Operating Permit Program
Texas Commission on Environmental Quality**

**Table 2: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter E: Industrial Cleaning Solvents**

Process ID No.	SOP/GOP Index No.	Exemption	Alternate Control Requirement	ACR ID No.	Compliance Demonstration	Minor Modification	Minor Modification ID No.	Vapor Recovery	Emission Control
PRO-ACIDS	R5460-01	NONE	NONE		VOC	NO			
PRO-ACIDS	R5460-02	NONE	NONE		VAP	NO			

[Go to the Table of Contents](#)

Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes
Form OP-UA60
Federal Operating Permit Program
Texas Commission on Environmental Quality

Table of Contents

Table	Regulation	Page	Data Submitted
N/A	N/A	OP-SUM Table 1	Yes
N/A	N/A	OP-REQ2	
Table 1a	40 CFR Part 63, Subpart F: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry	Page 1	Yes
Table 1b	40 CFR Part 63, Subpart F: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry	Page 2	Yes
Table 2a	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins	Page 3	
Table 2b	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins	Page 4	
Table 2c	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins	Page 5	
Table 3	30 TAC Chapter 115, Subchapter B: Batch Process	Page 6	
Table 4	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	Page 7	
Table 5a	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - MCPU Processes	Page 8	
Table 5b	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - MCPU Processes	Page 9	
Table 5c	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - MCPU Processes	Page 10	
Table 6a	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - MCPU Processes with Batch Vents	Page 11	
Table 6b	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - MCPU Processes with Batch Vents	Page 12	
Table 6c	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - MCPU Processes with Batch Vents	Page 13	
Table 6d	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - MCPU Processes with Batch Vents	Page 14	

Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes
Form OP-UA60
Federal Operating Permit Program
Texas Commission on Environmental Quality

Table of Contents

Table	Regulation	Page	Data Submitted
Table 6e	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - MCPU Processes with Batch Vents	Page 15	
Table 6f	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - MCPU Processes with Batch Vents	Page 16	

Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes
Form OP-UA60
Federal Operating Permit Program
Texas Commission on Environmental Quality

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

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-ACIDS	63F-01	YES	YES	NO		YES	NO

[Go to the Table of Contents](#)

Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes
Form OP-UA60
Federal Operating Permit Program
Texas Commission on Environmental Quality

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

Process ID No.	SOP Index No.	Intervening Cooling Fluid	Table 4 HAP Content	NPDES Permit	Meets 40 CFR §63.104(a)(4)(i) - (iv)	Table 9 HAP Content	Cooling Water Monitored
PRO-ACIDS	63F-01	NO	NO	NO	NO	NO	YES

[Go to the Table of Contents](#)

Section 3 – Applicability Identification Forms

**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.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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. <i>If the response to Question III.C.1 is "No" or "N/A," go to Section III.D.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
2.	The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area. <i>If the response to Question III.C.2 is "Yes" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3.	The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater). <i>If the response to Question III.C.3 is "Yes," go to Section III.D.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4.	The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons). <i>If the response to Question III.C.4 is "Yes," go to Section III.D.</i>	<input type="checkbox"/> Yes <input checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> No
D. Loading and Unloading of VOCs		
◆ 1.	The application area includes VOC loading operations.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 2.	The application area includes VOC transport vessel unloading operations. <i>For GOP applications, if the responses to Questions III.D.1 - D.2 are "No," go to Section III.E.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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

**Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 8)
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 9)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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

**Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 10)
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 11)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 12)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)		
N. Vent Gas Control (Highly Reactive Volatile Organic Compounds (HRVOC))		
1.	The application area includes one or more vent gas streams containing HRVOC.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
2.	The application area includes one or more flares that emit or have the potential to emit HRVOC. <i>If the responses to Questions III.N.1 and III.N.2 are both "No" or "N/A," go to Section III.O. If the response to Question III.N.1 is "Yes," continue with Question III.N.3.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
3.	All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times. <i>If the responses to Questions III.N.3 and III.N.4 are both "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

**Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 13)
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 14)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 15)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)		
F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)		
◆	4. The application area is located in the Dallas/Fort Worth Eight-Hour area (except for Wise County) and has units that qualify for an exemption under 30 TAC § 117.2103.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	5. The application area has units subject to the emission specifications under 30 TAC §§ 117.21010 or 30 TAC § 117.2110.	<input type="checkbox"/> Yes <input type="checkbox"/> No
	6. The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC § 117.2025 or 30 TAC § 117.2125. <i>If the response to Question IV.F.6 is "No," go to Section IV.G.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
	7. An ACSS for carbon monoxide (CO) has been approved?	<input type="checkbox"/> Yes <input type="checkbox"/> No
	8. An ACSS for ammonia (NH ₃) has been approved?	<input type="checkbox"/> Yes <input type="checkbox"/> No
	9. Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below.	
G. Utility Electric Generation in East and Central Texas		
	1. The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995. <i>If the response to Question IV.G.1 is "No," go to Question IV.H.1.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2. The application area is complying with the System Cap in 30 TAC § 117.3020.	<input type="checkbox"/> Yes <input type="checkbox"/> No
H. Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters		
	1. The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less. <i>If the response to question IV.H.1 is "No," go to Section V.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2. All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 16)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

**Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 17)
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 18)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 19)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 20)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions (continued)	
◆ 4. Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD. <i>For SOP applications, if the response to Question VI.E.4. is "No," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "No," go to Section VI.H.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 5. Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	
F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants	
1. The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant. <i>If the response to Question VI.F.1 is "No," go to Section VI.G.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.	<input type="checkbox"/> Yes <input type="checkbox"/> No
G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems	
1. The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987. <i>If the response to Question VI.G.1 is "No," go to Section VI.H.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The application area includes storm water sewer systems.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 21)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 22)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

**Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 23)
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 24)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 25)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

**Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 26)
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

**Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 27)
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
Manufacturing Commercial Asbestos (continued)	
c. Asbestos-containing waste material is processed into non-friable forms.	<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
Asbestos Spray Application	
4. The application area includes operations in which asbestos-containing materials are spray applied. <i>If the response to Question VII.E.4 is "No," go to Question VII.E.5.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
a. Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying. <i>If the response to Question VII.E.4.a is "Yes," go to Question VII.E.5.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
b. Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.	<input type="checkbox"/> Yes <input type="checkbox"/> No
c. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> Yes <input type="checkbox"/> No

**Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 28)
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)

E. Subpart M - National Emission Standard for Asbestos (continued)

Asbestos Spray Application (continued)

d. Asbestos-containing waste material is processed into non-friable forms.	<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

Fabricating Commercial Asbestos

5. The application area includes a fabricating operation using commercial asbestos. <i>If the response to Question VII.E.5 is "No," go to Question VII.E.6.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
a. Visible emissions are discharged to outside air from the manufacturing operation.	<input type="checkbox"/> Yes <input type="checkbox"/> No
b. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> Yes <input type="checkbox"/> No
c. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> Yes <input type="checkbox"/> No
d. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> Yes <input type="checkbox"/> No
e. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 29)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

**Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 30)
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)

G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)

3.	The application area includes benzene transfer operations at railcar loading racks.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	The application area includes benzene transfer operations at tank-truck loading racks.	<input type="checkbox"/> Yes <input type="checkbox"/> No

H. Subpart FF - National Emission Standard for Benzene Waste Operations

Applicability

1.	The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b). <i>If the responses to Questions VII.H.1 and VII.H.2 are both "No," go to Section VIII.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3.	The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates. <i>If the response to Question VII.H.3 is "Yes," go to Section VIII.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4.	The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagram per year (Mg/yr). <i>If the response to Question VII.H.4 is "Yes," go to Section VIII</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5.	The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr. <i>If the response to Question VII.H.5 is "Yes," go to Section VIII.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 31)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)

H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)

Applicability (continued)

6.	The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The application area has waste streams with flow-weighted annual average water content of 10% or greater.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Waste Stream Exemptions

8.	The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw).	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.	The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr.	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.	The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr.	<input type="checkbox"/> Yes <input type="checkbox"/> No
11.	The application area transfers waste off-site for treatment by another facility.	<input type="checkbox"/> Yes <input type="checkbox"/> No
12.	The application area is complying with 40 CFR § 61.342(d).	<input type="checkbox"/> Yes <input type="checkbox"/> No
13.	The application area is complying with 40 CFR § 61.342(e). <i>If the response to Question VII.H.13 is "No," go to Question VII.H.15.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
14.	The application area has facility waste with a flow weighted annual average water content of less than 10%.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 32)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)

H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)
Container Requirements

15.	The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste. <i>If the response to Question VII.H.15 is "No," go to Question VII.H.18.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
16.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VII.H.16 is "Yes," go to Question VII.H.18.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
17.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Individual Drain Systems

18.	The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste. <i>If the response to Question VII.H.18 is "No," go to Question VII.H.25.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
19.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VII.H.19 is "Yes," go to Question VII.H.25.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
20.	The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VII.H.20 is "No," go to Question VII.H.22.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
21.	Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 33)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 34)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 35)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

Applicability

1.	The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F. <i>If the response to Question VIII.C.1 is "No," go to Section VIII.D.</i>	<input 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. <i>If the response to Question VIII.C.3 is "No," go to Question VIII.C.8.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4.	The application area includes vapor collection systems or closed-vent systems that are constructed of hard piping.	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere. <i>If the response to Question VIII.C.5 is "No," go to Question VIII.C.8.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Vapor Collection and Closed Vent Systems

6.	Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	Bypass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 36)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

Reloading or Cleaning of Railcars, Tank Trucks, or Barges

8.	The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank. <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

Transfer Racks

11.	The application area includes Group 1 transfer racks that load organic HAPs.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
-----	--	---

Process Wastewater Streams

12.	The application area includes process wastewater streams. <i>If the response to Question VIII.C.12 is "No," go to Question VIII.C.34.</i>	<input 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. <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. <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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 37)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

Process Wastewater Streams (continued)

16.	The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No
17.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272. <i>If the response to Question VIII.C.17 is "No," go to Question VIII.C.20.</i>	<input type="checkbox"/> Yes <input 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 type="checkbox"/> Yes <input checked="" 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

**Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 38)
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

Process Wastewater Streams (continued)

24.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.24 is "Yes," go to Question VIII.C.34.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
25.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.25 is "No," go to Question VIII.C.27.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
26.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> Yes <input type="checkbox"/> No
27.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> Yes <input type="checkbox"/> No
28.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.C.27 - VIII.C.28 are both "No," go to Question VIII.C.30.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
29.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> Yes <input type="checkbox"/> No
30.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 39)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 40)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

Drains (continued)

37. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> Yes <input type="checkbox"/> No
38. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(l)(1) or (l)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Gas Streams

39. The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant.	<input type="checkbox"/> Yes <input 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

D. Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks

1. The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
---	---

**Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 41)
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

E. Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities

1. The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials. <i>If the response to Question VIII.E.1 is "No," go to Section VIII.F.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O. <i>If the response to Question VIII.E.2 is "No," go to Section VIII.F.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	<input type="checkbox"/> Yes <input type="checkbox"/> No

F. Subpart Q - National Emission Standards for Industrial Process Cooling Towers

1. The application area includes industrial process cooling towers. <i>If the response to Question VIII.F.1 is "No," go to Section VIII.G.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. Chromium-based water treatment chemicals have been used on or after September 8, 1994.	<input type="checkbox"/> Yes <input type="checkbox"/> No

G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)

1. The application area includes a bulk gasoline terminal.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The application area includes a pipeline breakout station. <i>If the responses to Questions VIII.G.1 and VIII.G.2 are both "No," go to Section VIII.H.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station. <i>If the response to Question VIII.G.3 is "Yes," go to Question VIII.G.10.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 42)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)

<p>4. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs. <i>If the response to Question VIII.G.4 is "Yes," go to Question VIII.G.10.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>5. An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station. <i>If the response to Question VIII.G.5 is "No," go to Question VIII.G.10.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>6. The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep). <i>If the response to Question VIII.G.6 is "No," go to Question VIII.G.10.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>7. Emissions screening factor less than 0.5 (ET or EP < 0.5). <i>If the response to Question VIII.G.7 is "Yes," go to Section VIII.H.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>8. Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0). <i>If the response to Question VIII.G.8 is "Yes," go to Section VIII.H.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>9. Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0). <i>If the response to Question VIII.G.9 is "Yes," go to Question VIII.G.11.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>10. The site at which the application area is located is a major source of HAP. <i>If the response to Question VIII.G.10 is "No," go to Section VIII.H.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>11. The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 43)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

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

**Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 44)
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

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

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 45)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

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

**Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 46)
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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

**Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 47)
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

Drains (continued)

17. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> Yes <input type="checkbox"/> No
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> Yes <input type="checkbox"/> No

K. Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production

1. The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area. <i>If the response to Question VIII.K.1 is "No" or "N/A," go to Section VIII.L.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
2. The application area includes a BLR and/or WSR research and development facility.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 48)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 49)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)

Applicability (continued)

3.	The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.N.3 is "No," go to Section VIII.O.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC. <i>If the response to Question VIII.N.4 is "No," go to Section VIII.O.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. <i>If the response to Question VIII.N.7 is "No," go to 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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 50)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)

Applicability (continued)

<p>9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "No," go to Question VIII.N.13.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Containers, Drains, and other Appurtenances

<p>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).</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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).</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>13. The application area includes Group 1 gasoline loading racks as specified in § 63.650(a).</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No

O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations

<p>1. The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). <i>If the response to Question VIII.O.1 is "No" or "N/A," go to Section VIII.P</i></p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
<p>2. Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>3. The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 51)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 52)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

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

**Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 53)
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

P. Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities

1. The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. <i>If the response to Question VIII.P.1 is "No" or "N/A," go to Section VIII.Q.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
2. The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

◆ 1. The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 2. The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user. <i>For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.R. For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.Z.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 3. The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. <i>For SOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.Z.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 4. The application area is located at a site that is a major source of HAP. <i>If the response to Question VIII.Q.4 is "No," go to Question VIII.Q.6.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 54)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

◆	<p>5. The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft³) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day.</p> <p style="margin-left: 40px;"><i>For SOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.R.</i></p> <p style="margin-left: 40px;"><i>For GOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.Z.</i></p> <p style="margin-left: 40px;"><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 style="margin-left: 40px;"><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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 55)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 56)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 57)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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

**Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 58)
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

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

**Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 59)
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

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

**Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 60)
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

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

**Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 61)
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

32.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. <i>If the response to Question VIII.W.32 is required, go to Question VIII.W.43.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
33.	The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream. <i>If the response to Question VIII.W.33 is "No," go to Question VIII.W.36.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
34.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.34 is "Yes," go to Question VIII.W.36.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
35.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> Yes <input type="checkbox"/> No
36.	The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream. <i>If the response to Question VIII.W.36 is "No," go to Question VIII.W.43.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
37.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.37 is "Yes," go to Question VIII.W.43.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

**Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 62)
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 63)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 64)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

53.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> Yes <input type="checkbox"/> No
54.	The application area contains a cyanide chemicals manufacturing process. <i>If the response to Question VIII.W.54 is "No," go to Section VIII.X.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
55.	The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

1.	The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ. <i>If the response to Question VIII.X.1 is "No," go to Section VIII.Y.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.	The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units. <i>If the response to Question VIII.X.2 is "No," go to Section VIII.Y.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.	All process wastewater streams generated or managed in the application area are from sources producing polystyrene. <i>If the response to Question VIII.X.3 is "Yes," go to Section VIII.Y.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. <i>If the response to Question VIII.X.4 is "Yes," go to Section VIII.Y.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 65)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 66)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

13. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> Yes <input type="checkbox"/> No
---	--

Containers

14. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> Yes <input type="checkbox"/> No
---	--

Drains

15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.X.15 is "No," go to Question VIII.X.18.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
--	--

16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> Yes <input type="checkbox"/> No
--	--

17. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> Yes <input type="checkbox"/> No
---	--

18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a thermoplastic product process unit. <i>If the response to Question VIII.X.18 is "No," go to Section VIII.Y.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
---	--

**Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 67)
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

Drains (continued)

<p>19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). <i>If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.</i></p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>20. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>21. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>22. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a 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>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>

**Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 68)
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

Y. Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.

1. The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
--	---

Z. Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.

◆ 1. The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
--	---

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

1. The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
---	---

2. The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
--	---

3. The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP. <i>If the response to Question VIII.AA.1, AA.2 or AA.3 is "No," go to Section VIII.BB.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
--	---

4. The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF. <i>If the response to Question VIII.AA.4 is "No," go to Section VIII.BB.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
--	--

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 69)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

5.	The application area includes process wastewater streams. <i>If the response to Question VIII.AA.5 is "No," go to Question VIII.AA.24.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The application area includes process wastewater streams, located at existing sources, that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The application area includes process wastewater streams, located at existing sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.	The application area includes process wastewater streams, located at new sources, that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.	The application area includes process wastewater streams, located at new sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.10 is "Yes," go to Question VIII.AA.24.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
11.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.11 is "No," go to Question VIII.AA.13.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
12.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> Yes <input type="checkbox"/> No
13.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 70)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 71)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 72)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.

- | | |
|--|---|
| 1. The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|--|---|

CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation

- | | |
|--|---|
| 1. The application area includes a facility at which a site remediation is conducted.
<i>If the answer to Question VIII.CC.1 is "No," go to Section VIII.DD.</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 2. The application area is located at a site that is a major source of HAP.
<i>If the answer to Question VIII.CC.2 is "No," go to Section VIII.DD.</i> | <input 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).
<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.
<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.
<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.
<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.
<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 |

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 73)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 74)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

DD. Subpart YYYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities

1. The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions. <i>If the response to Question VIII.DD.1 is "No," go to Section VIII.EE.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The EAF steelmaking facility is a research and development facility. <i>If the response to Question VIII.DD.2 is "Yes," go to Section VIII.EE.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. Metallic scrap is utilized in the EAF.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. Scrap containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. Scrap not containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

1. The application area is located at a site that is an area source of HAPs. <i>If the answer to Question EE.1 is "No," go to Section VIII.FF.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 75)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

**Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 76)
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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)

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

11. The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit.	<input type="checkbox"/> Yes <input type="checkbox"/> No
---	--

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

◆ 1. The application area is located at a site that is an area source of hazardous air pollutants. <i>If the answer to Question VIII.FF.1 is "No," go to Section VIII.GG.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
--	---

◆ 2. The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. <i>If the answer to Question VIII.FF.2 is "No," go to Section VIII.GG.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
---	--

◆ 3. The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	<input type="checkbox"/> Yes <input type="checkbox"/> No
---	--

◆ 4. The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment.	<input type="checkbox"/> Yes <input type="checkbox"/> No
--	--

GG. Recently Promulgated 40 CFR Part 63 Subparts

◆ 1. The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. <i>If the response to Question VIII.GG.1 is "No," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
--	---

◆ 2. Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	
--	--

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 77)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

**Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 78)
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 79)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 80)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 81)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 82)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 83)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

XI. Miscellaneous (continued)		
J. Title 30 TAC Chapter 101, Subchapter H (continued)		
◆	4. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO _x . <i>If the response to Question XI.J.4 is "Yes," go to Question XI.J.6.</i>	<input 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 _x 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
K. Periodic Monitoring		
◆	1. The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application. <i>If the response to Question XI.K.1 is "Yes," go to Section XI.L.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	2. The permit currently contains at least one periodic monitoring requirement. <i>If the responses to Questions XI.K.1 and XI.K.2 are both "No," go to Section XI.L.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	3. All periodic monitoring requirements are being removed from the permit with this application.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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. <i>If the response to Question XI.L.1 is "No," go to Section XI.M.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	2. The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. <i>If the response to Question XI.L.2 is "No," go to Section XI.M.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	3. The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	4. The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application. <i>If the responses to Questions XI.L.3 and XI.L.4 are both "No," go to Section XI.M.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
	5. The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.	<input type="checkbox"/> Yes <input type="checkbox"/> No
	6. Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below.	
◆	7. At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	8. All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). <i>If the response to Question XI.L.8 is "Yes," go to Section XI.M.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

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

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.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Date	Permit No.	Regulated Entity No.
August 19, 2025	O1923	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

E. PSD Permits and PSD Major Pollutants

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

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

F. Nonattainment (NA) Permits and NA Major Pollutants

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

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

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

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

**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.
August 19, 2025	O1923	RN100219351

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
6355	12/07/2018				

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

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

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
106.261	11/01/2003				
106.262	11/01/2003				
106.263	11/01/2001				
106.264	09/04/2000				
106.492	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

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

Date: August 19, 2025	Regulated Entity No.: RN100219351	Permit No.: O1923
Company Name: Union Carbide Corporation	Area Name: Organic Acids Facilities	

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)
	E12C035	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.122(a)(1), 115.121(a)(1), 115.122(a)(1)(A)
	E12C035	OP-UA15	63G-01	HAPS	40 CFR Part 63, Subpart G	[G]63.113(a)(2), 63.113(h), [G]63.115(f), 63.116(b)
	E12C050	OP-UA7	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	111.111(a)(4)(A)
	E12C050	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.122(a)(1), 115.121(a)(1), 115.122(a)(1)(B), 60.18
	E12C050	OP-UA7	60A-01	Opacity	40 CFR Part 60, Subpart A	60.18(b), 60.18(c)(1)-(2), (c)(3)(ii), 60.18(c)(4)(i), (c)(6), (e)
	E12C050	OP-UA7	63A-01	Opacity	40 CFR Part 63, Subpart A	63.11(b)(4), 63.11(b)(1)-(3), (b)(5), 63.11(b)(6)(ii), (b)(7)(i)
	E12C050	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)
	E12DISTOAI	OP-UA15	63G-01	HAPS	40 CFR Part 63, Subpart G	[G]63.113(a)(2), 63.113(h), [G]63.115(f), 63.116(b)
	E12DISTOAI	OP-UA15	63G-02	HAPS	40 CFR Part 63, Subpart G	[G]63.113(a)(1), 63.11, 63.113(h), [G]63.115(f)
	E12RXOAI	OP-UA15	63G-01	HAPS	40 CFR Part 63, Subpart G	[G]63.113(a)(2), 63.113(h), [G]63.115(f), 63.116(b)
	E12RXOAI	OP-UA15	63G-02	HAPS	40 CFR Part 63, Subpart G	[G]63.113(a)(1), 63.11, 63.113(h), [G]63.115(f)

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

Date: August 19, 2025	Regulated Entity No.: RN100219351	Permit No.: O1923
Company Name: Union Carbide Corporation	Area Name: Organic Acids Facilities	

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)
	F12C001-01	OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	ALL
	F12C001-01	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H	ALL
	F12C05-01	OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	ALL
	GRP-OAIIITK	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	PRO-ACIDS	OP-UA57	R5460-01	VOC	30 TAC Chapter 115, Subchapter E, Division 6	115.463(a)(1), [G]115.463(c)
	PRO-ACIDS	OP-UA57	R5460-02	VOC	30 TAC Chapter 115, Subchapter E, Division 6	115.463(a)(2), [G]115.463(c)
	PRO-ACIDS	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)
	T12C3005	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	T12C3005	OP-UA3	63G-01	HAPS	40 CFR Part 63, Subpart G	63.119(a)(3)
	T12C3102	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), 115.112(e)(3), (e)(3)(A), 115.112(e)(3)(A)(i)-(ii)
	T12C3102	OP-UA3	R5112-02	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), 115.112(e)(3), (e)(3)(C), 60.18

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

Date: August 19, 2025	Regulated Entity No.: RN100219351	Permit No.: O1923
Company Name: Union Carbide Corporation	Area Name: Organic Acids Facilities	

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)
	T12C3102	OP-UA3	63G-01	HAPS	40 CFR Part 63, Subpart G	63.119(a)(3)
	T12C3301	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	T12C3301	OP-UA3	63G-01	HAPS	40 CFR Part 63, Subpart G	63.119(a)(3)
	T12C3302	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	T12C3302	OP-UA3	63G-01	HAPS	40 CFR Part 63, Subpart G	63.119(a)(3)
	T12C3304	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	T12C3304	OP-UA3	63G-01	HAPS	40 CFR Part 63, Subpart G	63.119(a)(3)
	T12C3306	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	T12C3306	OP-UA3	63G-01	HAPS	40 CFR Part 63, Subpart G	63.119(a)(3)
	T12C3307	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), 115.112(e)(3), (e)(3)(A), 115.112(e)(3)(A)(i)-(ii)
	T12C3307	OP-UA3	R5112-02	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), 115.112(e)(3), (e)(3)(C), 60.18

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

Date: August 19, 2025	Regulated Entity No.: RN100219351	Permit No.: O1923
Company Name: Union Carbide Corporation	Area Name: Organic Acids Facilities	

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)
	T12C3307	OP-UA3	63G-01	HAPS	40 CFR Part 63, Subpart G	63.119(a)(3)
	T12C3309	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), 115.112(e)(3), (e)(3)(A), 115.112(e)(3)(A)(i)-(ii)
	T12C3309	OP-UA3	R5112-02	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), 115.112(e)(3), (e)(3)(C), 60.18
	T12C3309	OP-UA3	63G-01	HAPS	40 CFR Part 63, Subpart G	63.119(a)(3)
	T12C3401	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	T12C3401	OP-UA3	63G-01	HAPS	40 CFR Part 63, Subpart G	63.119(a)(3)
	T12C3402	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	T12C3402	OP-UA3	63G-01	HAPS	40 CFR Part 63, Subpart G	63.119(a)(3)
	T12C8901	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	T12C8901	OP-UA3	63G-01	HAPS	40 CFR Part 63, Subpart G	63.119(a)(3)
	T12C8902	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	T12C8902	OP-UA3	63G-01	HAPS	40 CFR Part 63, Subpart G	63.119(a)(3)

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

Date: August 19, 2025	Regulated Entity No.: RN100219351	Permit No.: O1923
Company Name: Union Carbide Corporation	Area Name: Organic Acids Facilities	

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)
	T12C8903	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	T12C8903	OP-UA3	63G-01	HAPS	40 CFR Part 63, Subpart G	63.119(a)(3)
	T12C8904	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	T12C8904	OP-UA3	63G-01	HAPS	40 CFR Part 63, Subpart G	63.119(a)(3)

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

Date: August 19, 2025	Regulated Entity No.: RN100219351	Permit No.: O1923
Company Name: Union Carbide Corporation	Area Name: Organic Acids Facilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	E12C035	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), (2)	NONE
	E12C035	63G-01	HAPS	63.114(a), (a)(1)(i), (e), [G]63.115(f)	63.114(a)(1), 63.118(a)(1)-(2), [G]63.152(a), [G](f)	63.114(e), 63.117(f), 63.118(f)(1)-(2), [G]63.151(b), (e) [G]63.151(e)(1), (e)(2)-(3), [G](j) [G]63.152(a), (b), [G](b)(1)-(2), 63.152(c)(1)-(2), (c)(2)(i), [G]63.152(c)(2)(ii), (c)(2)(iii), 63.152(c)(4)(ii), [G](c)(6)
	E12C050	R1111-01	Opacity	111.111(a)(4)(A)(i)-(ii)	111.111(a)(4)(A)(ii)	NONE
	E12C050	R5121-01	VOC	[G]115.125, 115.126(1), (1)(B), 115.126(2)	115.126, (1), (1)(B), (2)	NONE
	E12C050	60A-01	Opacity	60.18(d), (f)(1)-(4)	NONE	NONE
	E12C050	63A-01	Opacity	63.11(b)(4)-(5), (b)(7)(i)	NONE	NONE
	E12C050	63G-01	HAPS	63.114(a), (a)(2), [G]63.115(f), [G]63.116(a)	[G]63.117(a)(5), 63.118(a)(1)-(2), [G]63.152(a), [G](f)	[G]63.117(a)(5), 63.117(f), 63.118(f)(2), (f)(5), [G]63.151(b), 63.151(e), [G](e)(1), (e)(2)-(3), [G]63.151(j), [G]63.152(a), (b), [G]63.152(b)(1)-(2), (c)(1)-(2), 63.152(c)(2)(i), [G](c)(2)(ii), 63.152(c)(2)(iii), (c)(4)(ii), [G]63.152(c)(6)

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

Date: August 19, 2025	Regulated Entity No.: RN100219351	Permit No.: O1923
Company Name: Union Carbide Corporation	Area Name: Organic Acids Facilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	E12DISTOAI	63G-01	HAPS	63.114(a), (a)(1)(i), (e), [G]63.115(f)	63.114(a)(1), 63.118(a)(1)-(2), [G]63.152(a), [G](f)	63.114(e), 63.117(f), 63.118(f)(1)-(2), [G]63.151(b), (e) [G]63.151(e)(1), (e)(2)-(3), [G](j) [G]63.152(a), (b), [G](b)(1)-(2), 63.152(c)(1)-(2), (c)(2)(i), [G]63.152(c)(2)(ii), (c)(2)(iii), 63.152(c)(4)(ii), [G](c)(6)
	E12DISTOAI	63G-02	HAPS	63.114(a), (a)(2), [G]63.115(f), [G]63.116(a)	[G]63.117(a)(5), 63.118(a)(1)-(2), [G]63.152(a), [G](f)	[G]63.117(a)(5), 63.117(f), 63.118(f)(2), (f)(5), [G]63.151(b), 63.151(e), [G](e)(1), (e)(2)-(3), [G]63.151(j), [G]63.152(a), (b), [G]63.152(b)(1)-(2), (c)(1)-(2), 63.152(c)(2)(i), [G](c)(2)(ii), 63.152(c)(2)(iii), (c)(4)(ii), [G]63.152(c)(6)
	E12RXOAI	63G-01	HAPS	63.114(a), (a)(1)(i), (e), [G]63.115(f)	63.114(a)(1), 63.118(a)(1)-(2), [G]63.152(a), [G](f)	63.114(e), 63.117(f), 63.118(f)(1)-(2), [G]63.151(b), (e) [G]63.151(e)(1), (e)(2)-(3), [G](j) [G]63.152(a), (b), [G](b)(1)-(2), 63.152(c)(1)-(2), (c)(2)(i), [G]63.152(c)(2)(ii), (c)(2)(iii), 63.152(c)(4)(ii), [G](c)(6)

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

Date: August 19, 2025	Regulated Entity No.: RN100219351	Permit No.: O1923
Company Name: Union Carbide Corporation	Area Name: Organic Acids Facilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	E12RXOAI	63G-02	HAPS	63.114(a), (a)(2), [G]63.115(f), [G]63.116(a)	[G]63.117(a)(5), 63.118(a)(1)-(2), [G]63.152(a), [G](f)	[G]63.117(a)(5), 63.117(f), 63.118(f)(2), (f)(5), [G]63.151(b), 63.151(e), [G](e)(1), (e)(2)-(3), [G]63.151(j), [G]63.152(a), (b), [G]63.152(b)(1)-(2), (c)(1)-(2), 63.152(c)(2)(i), [G](c)(2)(ii), 63.152(c)(2)(iii), (c)(4)(ii), [G]63.152(c)(6)
	F12C001-01	R5352-ALL	VOC	ALL	ALL	ALL
	F12C001-01	63H-ALL	HAPS	ALL	ALL	ALL
	F12C05-01	R5352-ALL	VOC	ALL	ALL	ALL
	GRP-OAII TK	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	PRO-ACIDS	R5460-01	VOC	[G]115.465(1)	115.468(b)(1), (b)(5)	NONE
	PRO-ACIDS	R5460-02	VOC	[G]115.465(1)	115.468(b)(1), (b)(5)	NONE
	PRO-ACIDS	63F-01	HAPS	63.103(b)(1), (b)(3)-(4), [G](b)(5), 63.103(b)(6), [G]63.104(b)	[G]63.103(c), [G]63.104(e)(2), [G]63.104(f)(1), [G]63.105(b), (c), 63.105(e)	63.103(b)(2), [G](b)(5), [G](d), [G]63.104(f)(2)
	T12C3005	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**

Date: August 19, 2025	Regulated Entity No.: RN100219351	Permit No.: O1923
Company Name: Union Carbide Corporation	Area Name: Organic Acids Facilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	T12C3005	63G-01	HAPS	NONE	63.123(a)	63.152(c)(4)(iii)
	T12C3102	R5112-01	VOC	115.115(a), (a)(1), 115.116(a)(1), [G]115.117	115.118(a)(4), (a)(4)(A), 115.118(a)(5), (a)(7)	NONE
	T12C3102	R5112-02	VOC	115.115(a), (a)(6), 115.116(a)(2), [G]115.117	115.118(a)(4), (a)(4)(F), 115.118(a)(5), (a)(7)	NONE
	T12C3102	63G-01	HAPS	NONE	63.123(a)	63.152(c)(4)(iii)
	T12C3301	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	T12C3301	63G-01	HAPS	NONE	63.123(a)	63.152(c)(4)(iii)
	T12C3302	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	T12C3302	63G-01	HAPS	NONE	63.123(a)	63.152(c)(4)(iii)
	T12C3304	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(6)(A), (a)(7)	NONE
	T12C3304	63G-01	HAPS	NONE	63.123(a)	63.152(c)(4)(iii)
	T12C3306	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**

Date: August 19, 2025	Regulated Entity No.: RN100219351	Permit No.: O1923
Company Name: Union Carbide Corporation	Area Name: Organic Acids Facilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	T12C3306	63G-01	HAPS	NONE	63.123(a)	63.152(c)(4)(iii)
	T12C3307	R5112-01	VOC	115.115(a), (a)(1), 115.116(a)(1), [G]115.117	115.118(a)(4), (a)(4)(A), 115.118(a)(5), (a)(7)	NONE
	T12C3307	R5112-02	VOC	115.115(a), (a)(6), 115.116(a)(2), [G]115.117	115.118(a)(4), (a)(4)(F), 115.118(a)(5), (a)(7)	NONE
	T12C3307	63G-01	HAPS	NONE	63.123(a)	63.152(c)(4)(iii)
	T12C3309	R5112-01	VOC	115.115(a), (a)(1), 115.116(a)(1), [G]115.117	115.118(a)(4), (a)(4)(A), 115.118(a)(5), (a)(7)	NONE
	T12C3309	R5112-02	VOC	115.115(a), (a)(6), 115.116(a)(2), [G]115.117	115.118(a)(4), (a)(4)(F), 115.118(a)(5), (a)(7)	NONE
	T12C3309	63G-01	HAPS	NONE	63.123(a)	63.152(c)(4)(iii)
	T12C3401	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	T12C3401	63G-01	HAPS	NONE	63.123(a)	63.152(c)(4)(iii)
	T12C3402	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	T12C3402	63G-01	HAPS	NONE	63.123(a)	63.152(c)(4)(iii)

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

Date: August 19, 2025	Regulated Entity No.: RN100219351	Permit No.: O1923
Company Name: Union Carbide Corporation	Area Name: Organic Acids Facilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	T12C8901	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(6)(A), (a)(7)	NONE
	T12C8901	63G-01	HAPS	NONE	63.123(a)	63.152(c)(4)(iii)
	T12C8902	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(6)(A), (a)(7)	NONE
	T12C8902	63G-01	HAPS	NONE	63.123(a)	63.152(c)(4)(iii)
	T12C8903	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(6)(A), (a)(7)	NONE
	T12C8903	63G-01	HAPS	NONE	63.123(a)	63.152(c)(4)(iii)
	T12C8904	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(6)(A), (a)(7)	NONE
	T12C8904	63G-01	HAPS	NONE	63.123(a)	63.152(c)(4)(iii)

Section 4 – Compliance Certification Forms

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

Date: August 19, 2025	Regulated Entity No.: RN100219351	Permit No.: O1923
Company Name: Union Carbide Corporation		Area Name: Organic Acids Facilities

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

Part 1

A. Compliance Plan — Future Activity Committal Statement	
<p>The <i>Responsible Official</i> commits, utilizing reasonable effort, to the following: As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.</p>	
B. Compliance Certification - Statement for Units in Compliance* (Indicate response by entering an “X” in the appropriate column)	
1. With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. If the response to Item B.2, above, is “Yes,” indicate the total number of Part 2 attachments included in this submittal. (<i>For reference only</i>)	
<p>* <i>For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status.</i> <i>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 5 – Permits by Rule Supplemental Table

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 19, 2025	O1923	RN100219351

Unit ID No.	Registration No.	PBR No.	Registration Date
<i>W12GSEAM</i>	<i>56352</i>	<i>106.532</i>	<i>10/10/2003</i>
<i>W12GSEAM</i>	<i>56357</i>	<i>106.532</i>	<i>10/10/2003</i>
<i>F12C05-01</i>	<i>74151</i>	<i>106.261</i> <i>106.262</i>	<i>11/10/2004</i>
<i>T12C8904</i>	<i>76637</i>	<i>106.261</i> <i>106.262</i>	<i>09/06/2005</i>
<i>T12C3307</i> <i>T12C3309</i> <i>F12C001-01</i>	<i>90585</i>	<i>106.261</i> <i>106.262</i>	<i>09/22/2009</i>
<i>F12C001-01</i> <i>F12C05-01</i>	<i>151258</i>	<i>106.261</i> <i>106.262</i>	<i>04/23/2018</i>
<i>F12C001-01</i>	<i>156308</i>	<i>106.261</i> <i>106.262</i>	<i>04/15/2019</i>
<i>F12C001-01</i> <i>F12C05-01</i>	<i>160801</i>	<i>106.261</i> <i>106.262</i>	<i>04/24/2020</i>
<i>F12C05-01</i>	<i>164530</i>	<i>106.261</i>	<i>04/02/2021</i>
<i>F12C001-01</i>	<i>168511</i>	<i>106.261</i> <i>106.262</i>	<i>04/05/2022</i>
<i>F12C001-01</i> <i>F12C05-01</i>	<i>172005</i>	<i>106.262</i>	<i>04/04/2023</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
August 19, 2025	O1923	RN100219351

Unit ID No.	Registration No.	PBR No.	Registration Date
<i>F12C001-01</i> <i>F12C05-01</i>	<i>175407</i>	<i>106.261</i> <i>106.262</i>	<i>02/26/2024</i>
<i>F12C001-01</i>	<i>179610</i>	<i>106.261</i> <i>106.262</i>	<i>04/01/2025</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
August 19, 2025	O1923	RN100219351

Unit ID No.	PBR No.	Version No./Date
<i>PRO-ACIDS</i>	<i>106.263</i>	<i>11/01/2001</i>
	<i>106.264</i>	<i>09/04/2000</i>
	<i>106.492</i>	<i>09/04/2000</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
August 19, 2025	O1923	RN100219351

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 19, 2025	O1923	RN100219351

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
<i>PRO-ACIDS</i>	<i>106.263 106.264 106.492</i>	<i>11/01/2001 09/04/2000 09/04/2000</i>	<i>Track emissions on a rolling 12-month basis.</i>
<i>W12GSEAM</i>	<i>106.532</i>	<i>56352</i>	<i>One time confirmation of wastewater treatment system monitoring to document treatment type: clarification and neutralization.</i>
<i>W12GSEAM</i>	<i>106.532</i>	<i>56357</i>	<i>One time confirmation of wastewater treatment system monitoring to document treatment type: clarification and neutralization.</i>
<i>F12C05-01</i>	<i>106.261 106.262</i>	<i>74151</i>	<i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID and 28 CNTQ, as required by NSR 6355 SCs 9 - 10 (Permit Issue Date December 7, 2018).</i>
<i>T12C8904</i>	<i>106.261 106.262</i>	<i>76637</i>	<i>Tank will continue to meet the monitoring and recordkeeping requirements of NSR 6355 SCs 14 and 15 (Permit Issue Date December 7, 2018).</i>
<i>T12C3307 T12C3309 F12C001-01</i>	<i>106.261 106.262</i>	<i>90585</i>	<i>Tanks will continue to meet the monitoring and recordkeeping requirements of NSR 6355 SCs 14 and 15 (Permit Issue Date December 7, 2018).</i>
<i>F12C001-01 F12C05-01</i>	<i>106.261 106.262</i>	<i>151258</i>	<i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID and 28 CNTQ, as required by NSR 6355 SCs 9 - 10 (Permit Issue Date December 7, 2018).</i>
<i>F12C001-01</i>	<i>106.261 106.262</i>	<i>156308</i>	<i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID and 28 CNTQ, as required by NSR 6355 SCs 9 - 10 (Permit Issue Date December 7, 2018).</i>
<i>F12C001-01 F12C05-01</i>	<i>106.261 106.262</i>	<i>160801</i>	<i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID and 28 CNTQ, as required by NSR 6355 SCs 9 - 10 (Permit Issue Date December 7, 2018).</i>

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 19, 2025	O1921	RN100219351

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
<i>F12C05-01</i>	<i>106.261</i>	<i>164530</i>	<i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID and 28 CNTQ, as required by NSR 6355 SCs 9 - 10 (Permit Issue Date December 7, 2018).</i>
<i>F12C001-01</i>	<i>106.261 106.262</i>	<i>168511</i>	<i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID and 28 CNTQ, as required by NSR 6355 SCs 9 - 10 (Permit Issue Date December 7, 2018).</i>
<i>F12C001-01 F12C05-01</i>	<i>106.262</i>	<i>172005</i>	<i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID and 28 CNTQ, as required by NSR 6355 SCs 9 - 10 (Permit Issue Date December 7, 2018).</i>
<i>F12C001-01 F12C05-01</i>	<i>106.261 106.262</i>	<i>175407</i>	<i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID and 28 CNTQ, as required by NSR 6355 SCs 9 - 10 (Permit Issue Date December 7, 2018).</i>
<i>F12C001-01</i>	<i>106.261 106.262</i>	<i>179610</i>	<i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID and 28 CNTQ, as required by NSR 6355 SCs 9 - 10 (Permit Issue Date December 7, 2018).</i>