

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

March 7, 2025

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

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

Dear Senator Alvarado:

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


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

The Honorable Carol Alvarado
Page 2
March 7, 2025

Re: Accepted Federal Operating Permit Renewal Application

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

Sincerely,

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

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

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

March 7, 2025

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

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

Dear Representative Perez:

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

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

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

Sincerely,

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

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

Carolyn Thomas

From: eNotice TCEQ
Sent: Friday, March 7, 2025 7:48 AM
To: carol.alvarado@senate.texas.gov; Jaime.Villarreal@senate.texas.gov;
megan.maldonado@senate.texas.gov; Maryann.perez@house.texas.gov
Subject: TCEQ Notice - Permit Number O1583
Attachments: TCEQ Notice - O1583_37643.pdf

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

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

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

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

Carolyn Thomas

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

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

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

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

The Reference number for this submittal is 753039

The confirmation number for this submittal is 625694.

The Area ID for this submittal is 1583.

The Project ID for this submittal is 37643.

The hash code for this submittal is F18937139B16543B6281BFB501AB421CD72429CA5B8D127E587EBE8B175774BD.

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

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



February 3, 2025

Electronic Submittal via ePermits

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

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

Dear APIRT Team Leader,

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

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

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

Sincerely,

Crystal Schmidt

Crystal Schmidt
Air Permit Manager

Enclosure

cc:

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

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

Rohm and Haas Texas Incorporated

CN605605831; RN100223205

Rohm and Haas Texas Deer Park Plant

Site Operating Permit O1583 Renewal Application

February 3, 2025

Table of Contents

Section A - Permit Area Process Description	A
Section B - Administrative Forms	B
Section C – Unit Attribute Forms.....	C
Section D - Applicability Identification Forms.....	D
Section E – Compliance Certification Forms	E
Section F – Major NSR Summary Table	F

Section A - Permit Area Process Description

Permit Area Process Description

HR Process Description

There are three sulfuric acid production units in the Houston Recovery Area (HR Area) each of which consists of a natural gas fired preheater that heats the process air before it enters the combustion furnace. In the combustion furnace, acid/organic residues are decomposed/burned to form SO₂ and other combustion products. Additionally, elemental sulfur is burned to make up for plant acid losses or increase SO₂ concentration and supply additional heat. The movement of process gases through the system generate heat which is used to produce steam in the HR Unit. Gas coolers are used to remove heat from the process gas and condense the water vapor from the gas.

As the process gas cools down, H₂O and H₂SO₄ mist particles are formed. By passing the gas through an electrostatic precipitator, small particles are removed, and the process gas is then brought in contact with circulating 93-95% H₂SO₄ to remove the remaining water. Recovered SO₂ is returned to the inlet of the 93% tower. HR exports 93% acid within and outside the plant. The clean/dried gas is sent to the converter where SO₂ reacts with O₂ to produce SO₃ in a catalyst reactor.

SO₃ is absorbed into water to make 99% plus acid. The hot H₂SO₄ produced is diluted, cooled and recirculated to the tower. To reduce SO₂ emissions and to recover yield losses, SO₂ is scrubbed from the tail gas with caustics. The scrubber bottoms stream is re-acidified in the Acidification Stripper to regenerate the SO₂ for re-processing and the liquid stream is disposed of in the Plants waste treatment plant. The tail gases from the three units are released to the atmosphere through a common 150 ft. stack.

B-3 /B-4 Process Description

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

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

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

Methacrylic Acid Process Description

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

- Methacrylamide (MAM)

- Sulfuric acid
- alpha-sulfatoisobutyramide
- alpha-hydroxyisobutyramide

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

Glacial Methacrylic Acid Process Description

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

Section B - Administrative Forms

Form OP-1

Form OP-2

Form OP-SUMR

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

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

I. Company Identifying Information
A. Company Name: Rohm and Haas Texas Incorporated
B. Customer Reference Number (CN): CN605605831
C. Submittal Date (mm/dd/yyyy): February 3, 2025
II. Site Information
A. Site Name: Rohm and Haas Texas Deer Park Plant
B. Regulated Entity Reference Number (RN): RN100223205
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:
III. Permit Type
A. Type of Permit Requested: <i>(Select only one response)</i>
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)

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

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

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

VII. Technical Contact Identifying Information <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: (<input type="checkbox"/> Mr. <input checked="" type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: 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: United States
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: Senator District 6 - Carol Alvarado
B. State Representative: House District 144 – Representative Mary Ann Perez
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
E. Indicate the alternate language(s) in which public notice is required: Spanish

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

IX. Off-Site Permit Request <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
A. Office/Facility Name:
B. Physical Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
C. Physical Location:
D. Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name:
E. Telephone No.:
X. Application Area Information
A. Area Name: B-3/HR Process Area
B. Physical Address: 1900 Tidal Road
City: Deer Park
State: Texas
ZIP Code: 77536
C. Physical Location: 1900 Tidal Road, Deer Park, TX, 77536
D. Nearest City: Deer Park
E. State: Texas
F. ZIP Code: 77536

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

X. Application Area Information <i>(continued)</i>
G. Latitude (nearest second): 29° 43' 35"
H. Longitude (nearest second): 95° 06' 10"
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:
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: Deer Park Public Library
B. Physical Address: 3009 Center Street
City: Deer Park
ZIP Code: 77536
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
Site Information Summary
Form OP-1 (Page 6)
Texas Commission on Environmental Quality**

XII. Delinquent Fees and Penalties

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

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

XIII. Designated Representative (DR) Identifying Information

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

DR Full Name:

DR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

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

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

XIV. Alternate Designated Representative (ADR) Identifying Information

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

ADR Full Name:

ADR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

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

Date: February 3, 2025	
Permit No.: O1583	
Regulated Entity No.: RN100223205	
Company Name: Rohm and Haas Texas Incorporated	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA? <input type="checkbox"/> YES <input type="checkbox"/> NO	
I. Application Type	
Indicate the type of application:	
<input checked="" type="checkbox"/> Renewal	
<input type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
<input type="checkbox"/> Significant Revision	
<input type="checkbox"/> Revision Requesting Prior Approval	
<input type="checkbox"/> Administrative Revision	
<input type="checkbox"/> Response to Reopening	
II. Qualification Statement	
For SOP Revisions Only	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
For GOP Revisions Only	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)
Indicate all pollutants for which the site is a major source based on the site's potential to emit: (Check the appropriate box[es].)
<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
Application for Permit Revision/Renewal
Form OP-2-Table 2
Texas Commission on Environmental Quality**

Date: February 3, 2025
Permit No.: O1583
Regulated Entity No.: RN100223205
Company Name: CN605605831

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

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

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

Date: February 3, 2025
Permit No.: O1583
Regulated Entity No.: RN100223205
Company Name: CN605605831

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

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

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

Date: February 3, 2025
Permit No.: O1583
Regulated Entity No.: RN100223205
Company Name: CN605605831

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

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

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

Date: February 3, 2025
Permit No.: O1583
Regulated Entity No.: RN100223205
Company Name: CN605605831

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

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

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

Date: February 3, 2025
Permit No.: O1583
Regulated Entity No.: RN100223205
Company Name: CN605605831

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

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

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

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

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		22007	OP-REQ2	GMAA D COLUMN FEED PUMP STRAINER A		1257A	
		22008	OP-REQ2	GMAA D COLUMN FEED PUMP STRAINER B		1257A	
	6, 7	22024 22013	OP-UA15 OP-REQ2	GMAA D COLUMN JET CONDENSER		1257A	
	9	22035	OP-REQ2	P-COLUMN DISTILLATE RECEIVER 22035		1257A	
	6, 7	22044 22034	OP-UA15 OP-REQ2	GMAA P COLUMN JET CONDENSER		1257A	
		22115	OP-REQ2	TEMPERED WATER TANK 22115		1257A	
	8	22140	OP-REQ2	HQ MIX TANK 22140		1257A	
	9	22145	OP-REQ2	HQ FEED TANK 22145		1257A	
		22154	OP-REQ2	MEHQ SLURRY TANK 22154		1257A	
		33055	OP-REQ2	ATMOSPHERIC CONDENSATE FLASH TANK 33055		1257A	
		33057	OP-REQ2	35 PSIG CONDENSATE FLASH TANK 33057		1257A	

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

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

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

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

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

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		34176	OP-UA3	CRACKED MIX VENT TANK 34176		1257A	
		34195	OP-UA3	LOWER LAYER FLASH TANK 34195		1257A	
		34336	OP-REQ2	PNP FEED TANK 34336		1257A	
		34340	OP-REQ2	PNP MIX TANK 34340		1257A	
		34381	OP-REQ2	VENT CONDENSATE ACCUMULATOR TANK 34381		1257A	
		34394	OP-REQ2	FLARE KNOCKOUT POT 34394		1257A	
		34399	OP-REQ2	FLARE DRAIN TANK 34399		1257A	
		34412	OP-REQ2	LIGHT ENDS CONDENSATE RECEIVER 34412		1257A	
		34429	OP-REQ2	UPPER LAYER SURGE TANK 34429		1257A	
		34482	OP-REQ2	EAST AQUA AMMONIA TANK 34482		1257A	
		34526	OP-UA3	100% AAPPD TANK 34526		1257A	
D	15	34704	OP-UA15	MMA HOLD KETTLE		1257A	

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		B-3-34188	OP-REQ2	EAST REACTOR		1257A	
		B-3-34190	OP-REQ2	B3 UPPER LAYER COLUMN		1257A	
		B-3-34199	OP-REQ2	B3 LOWER LAYER MAIN CONDENSER		1257A	
		B-3-34201	OP-REQ2	B3 FIRST STAGE KETTLE		1257A	
		B-3-34209	OP-REQ2	FIRST STAGE TEMPERED WATER SURGE TANK		1257A	
		B-3-34240	OP-REQ2	B3 ACID STRIPPER		1257A	
		B-3-34279	OP-REQ2	B3 WEST BOTTOM SETTLER		1257A	
		B-3-34280	OP-REQ2	B3 EAST BOTTOM SETTLER		1257A	
		B-3-34282	OP-REQ2	B3 TOP SETTLER		1257A	
		B-3-34287	OP-REQ2	B3 MID SETTLER		1257A 106.261/11/01/2003 106.262/11/01/2003	
		B-3-34360	OP-REQ2	B3 FIRST STAGE RERUN COLUMN		1257A	
		B-3-34369	OP-REQ2	B3 RERUN GRAVITY SEPARATOR		1257A	

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

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

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		B-3-34375	OP-REQ2	B3 RERUN VACUUM TRAP		1257A	
		B-3-34410	OP-REQ2	B3 LIGHT ENDS COLUMN		1257A	
		B-3-34418	OP-REQ2	B3 LIGHT ENDS BOTTOM SEPARATOR		1257A	
		B-3-34655	OP-REQ2	MAA REACTOR		1257A	
		B-3-34E	OP-UA4	B3 LOADING POINT		1257A	
		B-3-35E	OP-UA4	B3 LOADING POINT		1257A	
		B-3-36	OP-REQ2	SHORTSTOP TANK 22080		1257A 106.261/11/01/2003 106.262/11/01/2003	
		B-3-39	OP-UA3	ACETONE WATER SEAL TANK 22100		1257A 106.261/11/01/2003 106.262/11/01/2003	
		B-3-4	OP-UA3	B3 SLOPS TANK 34120		1257A	
	12	B-3-40	OP-UA15 OP-REQ2	MAA WATER SEAL TANK 22119		1257A	
	11	B-3-41	OP-REQ2	MAA WATER RECOVERY TANK 22120		1257A	
	10	B-3-42	OP-UA3	MEHQ MIX TANK 22150		1257A	

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

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

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

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

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
	10	B-3-43	OP-UA3	MEHQ FEED TANK 22155		1257A	
		B-3-43W	OP-UA4	B3 LOADING POINT		1257A	
	10	B-3-44	OP-UA3	MAA WATER RECYCLE TANK 34670		1257A	
		B-3-47	OP-UA12	B3 RACK FUGITIVES		1257A 106.261/11/01/2003 [164537, 168470, 171729] 106.262/11/01/2003 [164537, 168470, 171729]	
		B-3-48	OP-UA12	B3 RACK FUGITIVES		1257A 106.261/11/01/2003 [164537, 168470, 171729] 106.262/11/01/2003 [164537, 168470, 171729]	

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

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

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

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

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

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

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

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

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

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

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		B-3-7	OP-UA3	2.6% AAPPD MIX TANK 34290		1257A	
		B-3-8	OP-UA3	2.6% AAPPD FEED TANK 34291		1257A	
		B-3-9	OP-UA3	21% AAPPD MIX TANK 34326		1257A	
		B-3-BAY4TL	OP-UA4	B3 TRUCKLOADING		1257A	
		B-3-DEGR	OP-REQ2	B3 UNIT DEGREASER		1257A 106.454/09/04/2000	
	5	B3-SUB5	OP-UA2	EMERGENCY GENERATOR (SUB 5)		106.511/09/04/2000	
	5	B3-SUB21	OP-UA2	EMERGENCY GENERATOR (SUB 21)		106.511/09/04/2000	
		B-4-2	OP-REQ2	ORGANIC DRAIN COLLECTION TANK 22125		1257A	
		B-4-4	OP-UA3	21% AAPPD FEED TANK 33327		106.261/11/01/2003 106.262/11/01/2003	
		B-4-5	OP-UA3	PTZ FEED TANK 33336		106.261/11/01/2003 106.262/11/01/2003	

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

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

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

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

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

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

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

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

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR – Table 2**

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

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
13	35-HR-11	OP-UA1 <i>OP-UA5</i>		GRP-HRPRHT
	35-HR-5	OP-UA1		GRP-HRHT2
13	36-HR-11	OP-UA1 <i>OP-UA5</i>		GRP-HRPRHT
	36-HR-5	OP-UA1		GRP-HRHT2
13	38-HR-11	OP-UA1 <i>OP-UA5</i>		GRP-HRPRHT
	38-HR-5	OP-UA1		GRP-HRHT2
2	B-3-47	OP-UA12		GRP-MMAFUG
2	B-3-48	OP-UA12		GRP-MMAFUG
2	B-3-49	OP-UA1		GRP-MAAFUG
2	B-3-50	OP-UA1		GRP-MAAFUG

Section C – Unit Attribute Forms

Form OP-UA1

Form OP-UA2

Form OP-UA4

Form OP-UA5

Form OP-UA7

Form OP-UA12

Form OP-UA15

Form OP-UA43

Form OP-UA60

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Unit ID No.	SOP/GOP Index No.	Construction Date	Tank Description	True Vapor Pressure	Primary Seal	Secondary Seal	Control Device Type	Control Device ID No.
33140	R5112-01		NONE1	1-				
33184	R5112-01		NONE1	1-				
33429	R5112-01		NONE1	1-				
34175	R5112-01		NONE1	1-				
34176	R5112-01		NONE1	1-				
34195	R5112-01		NONE1	1-1.5				
34526	R5112-01		NONE1	1-				
B-3-11	R5112-01		SFP1	1.5+A				
B-3-12	R5112-01		SFP1	1.5+A				
B-3-13	R5112-01		VRS1	1.5+A			FLARE	B-3-1
B-3-14	R5112-01		NONE1	1-1.5				
B-3-15	R5112-01		VRS1	1.5+A			FLARE	B-3-1
B-3-16	R5112-01		NONE1	1-1.5				

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

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

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

Unit ID No.	SOP/GOP Index No.	Construction Date	Tank Description	True Vapor Pressure	Primary Seal	Secondary Seal	Control Device Type	Control Device ID No.
B-3-18	R5112-01		SFP1	1.5+A				
B-3-19	R5112-01		SFP1	1.5+A				
B-3-20	R5112-01		SFP1	1.5+A				
B-3-22	R5112-01		IFR1	1.5+A				
B-3-3	R5112-01		SFP1	1.5+A				
B-3-42	R5112-01		NONE1	1-1.5				
B-3-43	R5112-01		NONE1	1-1.5				
B-3-44	R5112-01		NONE1	1-1.5				
B-3-4	R5112-01		NONE1	1-1.5				
B-3-55-1	R5112-01		NONE1	1-				
B-3-55-2	R5112-01		NONE1	1-				
B-3-56-1	R5112-01		NONE1	1-				
B-3-56-2	R5112-01		NONE1	1-				

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

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

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

Unit ID No.	SOP/GOP Index No.	Construction Date	Tank Description	True Vapor Pressure	Primary Seal	Secondary Seal	Control Device Type	Control Device ID No.
B-3-57-1	R5112-01		NONE1	1-				
B-3-57-2	R5112-01		NONE1	1-1.5				
B-3-58-1	R5112-01		NONE1	1-				
B-3-58-2	R5112-01		NONE1	1-				
B-3-59-1	R5112-01		NONE1	1-				
B-3-59-2	R5112-01		NONE1	1-				
B-3-5	R5112-01		NONE1	1-				
B-3-60-1	R5112-01		NONE1	1-				
B-3-60-2	R5112-01		NONE1	1-				
B-3-7	R5112-01		SFP1	1.5+A				
B-3-8	R5112-01		SFP1	1.5+A				
B-3-9	R5112-01		SFP1	1.5+A				
B-4-4	R5112-01		SFP1	1.5+A				

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Unit ID No.	SOP/GOP Index No.	Chapter 115 Facility Type	Alternate Control Requirement (ACR)	ACR ID No.	Product Transferred	Transfer Type	True Vapor Pressure	Daily Through-put	Control Options
B-3-34E	R5211-01	OTHER	NONE		VOC1	BOTH	0.5-		
B-3-34E	R5211-02	OTHER	213B		VOC1	BOTH	0.5-11S	NCE2	CON
B-3-35E	R5211-01	OTHER	213B		VOC1	BOTH	0.5-11S	NCE2	CON
B-3-35E	R5211-02	OTHER	213B		VOC1	BOTH	0.5-11S	NCE2	CON
B3-43W	R5211-01	OTHER	NONE		VOC1	BOTH	0.5-		
B-3-BAY4TL	R5211-01	OTHER	NONE		VOC1	BOTH	0.5-		

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Loading/Unloading Operations Attributes
Form OP-UA4 (Page 13)
Federal Operating Permit Program**

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

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

Unit ID No.	SOP Index No.	Control Device	Control Device ID No.	Title 40 CFR § 63.128(h) Option	Other Emissions	Enclosed Combustion Device	Thermal Incinerator
B-3-34E	63G-01	FLARE	HT-4 (O2236)				
B-3-34E	63G-02	INCIN	GRP-HTTO	NO			
B-3-35E	63G-01	FLARE	HT-4 (O2236)				
B-3-35E	63G-02	INCIN	GRP-HTTO	NO			

**Loading/Unloading Operations Attributes
Form OP-UA4 (Page 14)
Federal Operating Permit Program**

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

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

Unit ID No.	SOP Index No.	Alternate Parameter Monitoring (APM)	APM ID No.	Performance Test Exemption	Shared Control Device	Multiple Arms	Intermittent
B-3-34E	63G-02	NO		NONE	YES	YES	
B-3-35E	63G-02	NO		NONE	YES	YES	

**Process Heater/Furnace Attributes
Form OP-UA5 (Page 1)
Federal Operating Permit Program**

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

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

Unit ID No.	SOP/GOP Index No.	Unit Type	Maximum Rated Capacity	RACT Date Placed in Service	Functionally Identical Replacement	Fuel Type(s)			Annual Heat Input	NOx Emission Limitation	Opt-In Unit	23C-Option
GRP-HRHT2	R7ICI-01	PRHTR	40-100			GS			28+	310D		

**Process Heater/Furnace Attributes
Form OP-UA5 (Page 2)
Federal Operating Permit Program**

**Table 1b: Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 117)
Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas, Process Heaters
Texas Commission on Environmental Quality**

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

Unit ID No.	SOP/GOP Index No.	Diluent CEMS	30 TAC Chapter 116 Limit	NOx Emission Limit Basis	NOx Reduction	Common Stack Combined	Fuel Type Heat Input	NOx Monitoring System
GRP-HRHT2	R7ICI-01	NO		OTHER	NONE			MERT

**Process Heater/Furnace Attributes
Form OP-UA5 (Page 3)
Federal Operating Permit Program**

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

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

Unit ID No.	SOP/GOP Index No.	Fuel Flow Monitoring	CO Emission Limitation	CO Monitoring System	NH3 Emission Limitation	NH3 Monitoring
GRP-HRHT2	R7ICI-01	X40A	310C	OTHER		

**Process Heater/Furnace Attributes
Form OP-UA5 (Page 10)
Federal Operating Permit Program**

**Table 6a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subchapter DDDDD: Industrial, Commercial, and Institutional Process Heaters
Texas Commission on Environmental Quality**

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

Unit ID No.	SOP/GOP Index No.	Commence	Table Applicability	HCl Emission	HCl-CMS
<i>GRP-HRPRHT</i>	<i>63DDDDD-01</i>	<i>EXIST</i>	<i>T3.3G1</i>		

**Texas Commission on Environmental Quality
Flare Attributes
Form OP-UA7 (Page 1)
Federal Operating Permit Program**

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

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

Unit ID No.	SOP/GOP Index No	Acid Gases Only	Emergency/Upset Conditions Only	Alternate Opacity Limitation (AOL)	AOL ID No.	Construction Date
B-3-1	R1111-01	NO	NO			

**Texas Commission on Environmental Quality
Flare Attributes
Form OP-UA7 (Page 4)
Federal Operating Permit Program**

**Table 4: Title 40 Code of Federal Regulations Part 63
Subpart A: General Provisions of National Emission Standards for Hazardous Air Pollutants for Source Categories**

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

Unit ID No.	SOP/GOP Index No.	Required Under 40 CFR Part 63	Heat Content Specification	Flare Assist Type	Flare Exit Velocity	Heating Value of Gas
B-3-1	63A-01	YES	YES	NONE	60-	

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 11)
Federal Operating Permit Program**

**Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone Nonattainment Areas
Texas Commission on Environmental Quality**

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

Unit ID No.	SOP/GOP Index No.	Title 30 TAC § 115.352 Applicable	< 250 Components at Site	Weight Percent VOC	Reciprocating Compressors or Positive Displacement Pumps
GRP-MAAFUG	R5352-ALL				
GRP-MMAFUG	R5352-ALL				
HTRES-FUG	R5352-ALL				

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 70)
Federal Operating Permit Program**

**Table 9a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks
Texas Commission on Environmental Quality**

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

Unit ID No.	SOP Index No.	Equipment Type	Non Research and Development/Batch Processes	Vacuum Service	Less Than 300 Operating Hours	Heavy Liquid Service	AMEL
GRP-MAAFUG	63H-ALL						
GRP-MMAFUG	63H-ALL						
HTRES-FUG	63H-ALL						

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 1)
Federal Operating Permit Program

Table 1a: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)
Subchapter A: Visible Emissions
Texas Commission on Environmental Quality

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

Emission Point ID No.	SOP/GOP Index No.	Alternate Opacity Limitation	AOL ID No.	Vent Source	Opacity Monitoring System	Construction Date	Effluent Flow Rate
HR-8	R1111-01	NO		OTHER	NONE	72+	100+

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

Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Vent Gas Control
Texas Commission on Environmental Quality

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

Emission Point ID No.	SOP/GOP Index No.	Chapter 115 Division	Combustion Exhaust	Vent Type	Total Uncontrolled VOC Weight	Combined 24-Hour VOC Weight	VOC Concentration	VOC Concentration or Emission Rate at Maximum Operating Conditions
<i>B-3-1</i>	<i>R5121-01</i>	<i>NO</i>	<i>NO</i>	<i>DISTOPER</i>				
<i>B-3-40</i>	<i>R5121-01</i>	<i>NO</i>	<i>NO</i>	<i>REGVAPPL</i>		<i>100-</i>		<i>YES</i>
B-3-51	R5121-01	NO	NO	DISTOPER				
B-3-61	R5121-01	NO	NO	REGVAPPL		100-		YES
<i>HR-8</i>	<i>R5121-01</i>	<i>NO</i>	<i>NO</i>	<i>DISTOPER</i>				

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 4)
Federal Operating Permit Program

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

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

Emission Point ID No.	SOP Index No.	Alternate Control Requirement	ACR ID No.	Control Device Type	Control Device ID No.
<i>B-3-1</i>	<i>R5121-01</i>	<i>NONE</i>		<i>FLARE</i>	<i>B-3-1</i>
B-3-51	R5121-01	NONE		DIRFLM	HR-8
<i>HR-8</i>	<i>R5121-01</i>	<i>NONE</i>		<i>DIRFLM</i>	<i>HR-8</i>

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 5)
Federal Operating Permit Program

Table 2c: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Vent Gas Control
Texas Commission on Environmental Quality

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

Emission Point ID No.	SOP Index No.	Total Design Capacity	Flow Rate/Concentration	40 CFR Part 60, Subpart NNN Requirements	40 CFR Part 60, Subpart RRR Requirements
<i>B-3-1</i>	<i>R5121-01</i>	<i>1100+</i>	<i>500+</i>	<i>NO</i>	<i>NO</i>
B-3-51	R5121-01	1100+	500+	NO	NO
<i>HR-8</i>	<i>R5121-01</i>	<i>1100+</i>	<i>500+</i>	<i>NO</i>	<i>NO</i>

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 13)
Federal Operating Permit Program

Table 6a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

Subpart G: National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic Organic Chemical Manufacturing Industry for Process Vents
Texas Commission on Environmental Quality

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

Emission Point ID No.	SOP Index No.	Overlap	Group 1	Regulation	HAP Concentration	Flow Rate	Electing Control	NSPS TRE Index Value	MACT TRE Index Value	Plant Type
<i>B-3-1</i>	<i>63G-01</i>	<i>NONE</i>	<i>YES</i>							
<i>HR-8</i>	<i>63G-01</i>	<i>NONE</i>	<i>YES</i>							

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 14)
Federal Operating Permit Program

Table 6b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

Subpart G: National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic Organic Chemical Manufacturing Industry for Process Vents
Texas Commission on Environmental Quality

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

Emission Point ID No.	SOP Index No.	Control Device	Control Device ID No.	Halogenated	TRE for Halogenated Vent Stream	Halogen Reduction Device	Installation Date	Performance Test
<i>B-3-1</i>	<i>63G-01</i>	<i>FLARE</i>	<i>B-3-1</i>	<i>NO</i>				<i>YES</i>
<i>HR-8</i>	<i>63G-01</i>	<i>FUEL</i>	<i>HR-8</i>	<i>NO</i>				<i>YES</i>

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 15)
Federal Operating Permit Program

Table 6c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic Organic Chemical Manufacturing Industry for Process Vents
Texas Commission on Environmental Quality

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

Emission Point ID No.	SOP Index No.	Alternate Monitoring Parameters (AMP)	AMP ID No.	Continuous Monitoring	Continuous Monitoring Alt ID No.	Bypass Lines	Flow Indicator
<i>B-3-1</i>	<i>63G-01</i>	<i>NO</i>		<i>NOALT</i>		<i>YES</i>	<i>NO</i>
<i>HR-8</i>	<i>63G-01</i>	<i>NO</i>		<i>NOALT</i>		<i>YES</i>	<i>NO</i>

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Texas Commission on Environmental Quality
Sulfuric Acid Production Attributes
Form OP-UA43 (Page 1)
Federal Operating Permit Program**

**Table 1: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart H: Standards of Performance for Sulfuric Acid Plants**

Date: February 3, 2025	Permit No.: O1583	Regulated Entity No.: RN100223205
Area Name: B-3/HR Process Area		Customer Reference No.: CN605605831

Process ID No.	SOP Index No.	Construction/ Modification Date	Process Design	Emission Rate	Optional Procedures
PRO-HR-3	60H-01	71+	YES	NO	NO

**Texas Commission on Environmental Quality
Sulfuric Acid Production Attributes
Form OP-UA43 (Page 2)
Federal Operating Permit Program**

**Table 2: Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 112)
Control of Air Pollution from Sulfur Compounds (Sulfuric Acid Production)**

Date: February 3, 2025	Permit No.: O1583	Regulated Entity No.: RN100223205
Area Name: B-3/HR Process Area		Customer Reference No.: CN605605831

Process ID No.	SOP Index No.	Facility Type	Effective Stack Height	Production Capacity	Facility Use
PRO-HR-1	R200-01	ELEMCON	NO	300+	NO
PRO-HR-2	R200-01	ELEMCON	NO	300+	NO
PRO-HR-3	R200-01	ELEMCON	NO	300+	NO

Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes
Form OP-UA60 (Page 1)
Federal Operating Permit Program

Table 1a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart F: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry

Date: February 3, 2025	Permit No.: O1583	Regulated Entity No.: RN100223205
Area Name: B-3/HR Process Area		Customer Reference No.: CN605605831

Process ID No.	SOP Index No.	Applicable Chemicals	Table 2 HAP	Alternate Means of Emission Limitation (AMEL)	AMEL ID No.	Heat Exchange System	Cooling Water Pressure
PRO_B3/B4MMA	63F-01	YES	YES	NO		YES	NO
PRO_B3MAA/GM AA	63F-01	NO	NO				

**Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes
Form OP-UA60 (Page 2)
Federal Operating Permit Program**

**Table 1b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart F: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic
Chemical Manufacturing Industry**

Date: February 3, 2025	Permit No.: O1583	Regulated Entity No.: RN100223205
Area Name: B-3/HR Process Area		Customer Reference No.: CN605605831

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_B3/B4MMA	63F-01	NO	NO	NO	NO	NO	NO

Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes
Form OP-UA60 (Page 8)
Federal Operating Permit Program

Table 5a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic
Chemical Manufacturing - MCPU Processes

Date: February 3, 2025	Permit No.: O1583	Regulated Entity No.: RN100223205
Area Name: B-3/HR Process Area		Customer Reference No.: CN605605831

Process ID No.	SOP Index No.	Ammonium Sulfate	Other Operations	63.100 CMPU	G2/<1000 Lb/Yr	2525E1
PRO_B3MAA/GMAA	63FFFF-01	NO	YES	NO	NO	

Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes
Form OP-UA60 (Page 9)
Federal Operating Permit Program

Table 5b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic
Chemical Manufacturing - MCPU Processes

Date: February 3, 2025	Permit No.: O1583	Regulated Entity No.: RN100223205
Area Name: B-3/HR Process Area		Customer Reference No.: CN605605831

Process ID No.	SOP Index No.	Startup 2003	Shared Batch Vent	PUG	Startup 2002	PP Alt	Cont Proc
PRO_B3MAA/GMAA	63FFFF-01	YES	NO	NO	YES	YES	NO

Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes
Form OP-UA60 (Page 10)
Federal Operating Permit Program

Table 5c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic
Chemical Manufacturing - MCPU Processes

Date: February 3, 2025	Permit No.: O1583	Regulated Entity No.: RN100223205
Area Name: B-3/HR Process Area		Customer Reference No.: CN605605831

Process ID No.	SOP Index No.	>1000 Lb/Yr	Reduction	New Source	HAP Metals	Fabric Filter	Small CD	Design Eval	Batch Proc Vents
PRO_B3MAA/GMAA	63FFFF-01	NO		NO					NO

Section D - Applicability Identification Forms

Form OP-REQ1

Form OP-REQ2

Form OP-REQ3

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 1)

Federal Operating Permit Program

Texas Commission on Environmental Quality

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

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	9. The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 2)

Federal Operating Permit Program Texas Commission on Environmental Quality

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

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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 type="checkbox"/> Yes <input checked="" 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.
February 3, 2025	O1583	RN100223205

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

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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 checked="" type="checkbox"/> N/A
2.	The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
3.	Asphalt emulsion is used or produced within the application area.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4.	The application area is using an alternate control requirement as specified in 30 TAC § 115.513. <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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
◆ 2.	Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area. <i>If the response to Question III.L.2 is "Yes," go to Section III.M.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A

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.
February 3, 2025	O1583	RN100223205

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

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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 checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
◆ 3.	The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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	
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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.J.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 5.	The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001. <i>If the response to Question VI.I.5 is "No," go to VI.I.7.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 6.	All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 7.	The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 8.	All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
B. Subpart F - National Emission Standard for Vinyl Chloride		
1.	The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride.	<input type="checkbox"/> Yes <input type="checkbox"/> No
C. Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this section for GOP applications only)		
◆ 1.	The application area includes equipment in benzene service.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

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.
February 3, 2025	O1583	RN100223205

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 type="checkbox"/> No
2. The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b).	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.	<input type="checkbox"/> Yes <input type="checkbox"/> No
E. Subpart M - National Emission Standard for Asbestos	
<i>Applicability</i>	
1. The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155. <i>If the response to Question VII.E.1 is "No," go to Section VII.F.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>Roadway Construction</i>	
2. The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>Manufacturing Commercial Asbestos</i>	
3. The application area includes a manufacturing operation using commercial asbestos. <i>If the response to Question VII.E.3 is "No," go to Question VII.E.4.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
a. Visible emissions are discharged to outside air from the manufacturing operation	<input type="checkbox"/> Yes <input type="checkbox"/> No
b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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.
February 3, 2025	O1583	RN100223205

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

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.
February 3, 2025	O1583	RN100223205

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

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.
February 3, 2025	O1583	RN100223205

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

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.
February 3, 2025	O1583	RN100223205

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

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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)		
<i>Container Requirements</i>		
15.	The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste. <i>If the response to Question VII.H.15 is "No," go to Question VII.H.18.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
16.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VII.H.16 is "Yes," go to Question VII.H.18.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
17.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>Individual Drain Systems</i>		
18.	The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste. <i>If the response to Question VII.H.18 is "No," go to Question VII.H.25.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
19.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VII.H.19 is "Yes," go to Question VII.H.25.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
20.	The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VII.H.20 is "No," go to Question VII.H.22.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
21.	Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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.
February 3, 2025	O1583	RN100223205

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)		
<i>Individual Drain Systems (continued)</i>		
22.	The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VII.H.22 is "No," go to Question VII.H.25.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
23.	Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> Yes <input type="checkbox"/> No
24.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>Remediation Activities</i>		
25.	Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.	<input type="checkbox"/> Yes <input type="checkbox"/> No
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.
February 3, 2025	O1583	RN100223205

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

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.
February 3, 2025	O1583	RN100223205

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		
<i>Applicability</i>		
1.	The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F. <i>If the response to Question VIII.C.1 is "No," go to Section VIII.D.</i>	<input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4.	The application area includes vapor collection systems or closed-vent systems that are constructed of hard piping.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5.	The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere. <i>If the response to Question VIII.C.5 is "No," go to Question VIII.C.8.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<i>Vapor Collection and Closed Vent Systems</i>		
6.	Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
7.	Bypass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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.
February 3, 2025	O1583	RN100223205

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.
If the response to Question VIII.C.8 is "No," go to Question VIII.C.11.

☐ Yes ☒ No

9. The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater.

☐ Yes ☐ No

10. The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system.

☐ Yes ☐ No

Transfer Racks

11. The application area includes Group 1 transfer racks that load organic HAPs.

☒ Yes ☐ No

Process Wastewater Streams

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

☒ Yes ☐ No

13. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF.
If the response to Question VIII.C.13 is "No," go to Question VIII.C.15.

☐ Yes ☒ No

14. The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii).

☐ Yes ☐ No

15. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F.
If the response to Question VIII.C.15 is "No," go to Question VIII.C.17.

☐ Yes ☒ 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.
February 3, 2025	O1583	RN100223205

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
22.	The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
23.	The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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.
February 3, 2025	O1583	RN100223205

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

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.
February 3, 2025	O1583	RN100223205

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

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.
February 3, 2025	O1583	RN100223205

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 checked="" type="checkbox"/> No
38. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(l)(1) or (l)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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.
February 3, 2025	O1583	RN100223205

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2. Chromium-based water treatment chemicals have been used on or after September 8, 1994.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)	
1. The application area includes a bulk gasoline terminal.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The application area includes a pipeline breakout station. <i>If the responses to Questions VIII.G.1 and VIII.G.2 are both "No," go to Section VIII.H.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station. <i>If the response to Question VIII.G.3 is "Yes," go to Question VIII.G.10.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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.
February 3, 2025	O1583	RN100223205

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

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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. ☐ Yes ☐ No

Drains

12. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. ☐ Yes ☐ No

If the response to Question VIII.J.12 is "No," go to Question VIII.J.15.

13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. ☐ Yes ☐ No

14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. ☐ Yes ☐ No

15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit. ☐ Yes ☐ No

If the response to Question VIII.J.15 is "No," go to Section VIII.K.

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). ☐ Yes ☐ No

If the response to Question VIII.J.16 is "No," go to Section VIII.K.

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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)		
<i>Applicability (continued)</i>		
9.	The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "No," go to Question VIII.N.13.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.	The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>Containers, Drains, and other Appurtenances</i>		
11.	The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No
12.	The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No
13.	The application area includes Group 1 gasoline loading racks as specified in § 63.650(a).	<input type="checkbox"/> Yes <input type="checkbox"/> No
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations		
1.	The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). <i>If the response to Question VIII.O.1 is "No" or "N/A," go to Section VIII.P</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
2.	Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.	The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.</i> <i>For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.Z.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 3.	The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. <i>For SOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.R.</i> <i>For GOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.Z.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 4.	The application area is located at a site that is a major source of HAP. <i>If the response to Question VIII.Q.4 is "No," go to Question VIII.Q.6.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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.
February 3, 2025	O1583	RN100223205

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)

◆ 5.	The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft ³) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day. <i>For SOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.R.</i> <i>For GOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.Z.</i> <i>For all applications, if the response to Question VIII.Q.5 is "No," go to Question VIII.Q.9.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 6.	The application area includes a triethylene glycol (TEG) dehydration unit. <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>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 7.	The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 8.	The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 9.	Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii).	<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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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)	
<i>Drains (continued)</i>	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). <i>If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
20. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
21. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> Yes <input type="checkbox"/> No
22. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute	<input type="checkbox"/> Yes <input type="checkbox"/> No

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.
February 3, 2025	O1583	RN100223205

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP. <i>If the response to Question VIII.AA.1, AA.2 or AA.3 is "No," go to Section VIII.BB.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4.	The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF. <i>If the response to Question VIII.AA.4 is "No," go to Section VIII.BB.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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.
February 3, 2025	O1583	RN100223205

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 checked="" type="checkbox"/> No
6.	The application area includes process wastewater streams, located at existing sources, that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The application area includes process wastewater streams, located at existing sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.	The application area includes process wastewater streams, located at new sources, that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.	The application area includes process wastewater streams, located at new sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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 BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)		
4.	The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. <i>If the answer to Question VIII.EE.4 is "No," go to Question VIII.EE.6.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a).	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC. <i>If the answer to Question VIII.EE.6 is "No," go to Section VIII.FF.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The bulk gasoline terminal has throughput of less than 250,000 gallons per day. <i>If the answer to Question VIII.EE.7 is "Yes," go to Section VIII.FF.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.	The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.	The bulk gasoline terminal loads gasoline into railcar cargo tanks. <i>If the answer to Question VIII.EE.9 is "No," go to Section VIII.FF.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.	The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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.
February 3, 2025	O1583	RN100223205

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 BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)		
11.	The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit.	<input type="checkbox"/> Yes <input type="checkbox"/> No
FF. Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities		
◆ 1.	The application area is located at a site that is an area source of hazardous air pollutants. <i>If the answer to Question VIII.FF.1 is "No," go to Section VIII.GG.</i>	<input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 2.	Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	
40 CFR Part 63, Subpart DDDDD (Boiler MACT)		

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.
February 3, 2025	O1583	RN100223205

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

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.
February 3, 2025	O1583	RN100223205

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 checked="" 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 -Halon Emissions Reduction		
◆ 1.	Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
◆ 2.	Disposal of halons or manufacturing of halon blends is conducted in the application area.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
XI. Miscellaneous		
A. Requirements Reference Tables (RRT) and Flowcharts		
1.	The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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.
February 3, 2025	O1583	RN100223205

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
◆	2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below. 40 CFR Part 63, Subpart FFFF (MON) – Fugitives; 40 CFR Part 63, Subpart DDDDD (Boiler MACT)	
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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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.
February 3, 2025	O1583	RN100223205

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 3.	All periodic monitoring requirements are being removed from the permit with this application.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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.
February 3, 2025	O1583	RN100223205

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

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.
February 3, 2025	O1583	RN100223205

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 checked="" type="checkbox"/> No
◆ 10.	At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 11.	At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 12.	The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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.
February 3, 2025	O1583	RN100223205

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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.
February 3, 2025	O1583	RN100223205

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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.
February 3, 2025	O1583	RN100223205

For SOP applications, answer ALL questions unless otherwise directed.

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

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

E. PSD Permits and PSD Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):
PSDTX987	10/07/2020 06/06/2024	SO ₂ , H ₂ SO ₄			

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
1257A	10/24/2019 11/14/2023				
751	10/07/2020 06/06/2024				

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

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

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date

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

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

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
106.261	11/01/2003	106.472	09/04/2000		
106.262	11/01/2003	106.475	09/04/2000		
106.263	11/01/2001	106.478	09/04/2000		
106.264	09/04/2000	106.511	09/04/2000		
106.371	09/04/2000				
106.373	09/04/2000				
106.452	09/04/2000				
106.454	09/04/2000				

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

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

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

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

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
D	6, 7	22024 22013	OP-REQ2	40 CFR Part 63, Subpart FFFF	63.2550(i)	The gas stream contains less than or equal to 0.005 weight percent "total HAP" at the point of discharge to the atmosphere.
		22035	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	The storage vessel has a capacity less than 1,000 gallons.
		22035	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 19,800 gallons.
		22035	OP-REQ2	40 CFR Part 63, Subpart G	63.101(b)	The source is not part of a HON CMPU that manufactures an applicable product.
A	9	22035	OP-REQ2	40 CFR Part 63, Subpart FFFF	63.2470(c)(4)(i)	<i>This tank is not considered a storage vessel because it contains oHAPs (MMA) only as an impurity (<100-ppm).</i>
D	6, 7	22044 22034	OP-REQ2	40 CFR Part 63, Subpart FFFF	63.2550(i)	The gas stream contains less than or equal to 0.005 weight percent "total HAP" at the point of discharge to the atmosphere.
		22115	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds.
		22115	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		22140	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	The storage vessel has a capacity less than 1,000 gallons.
		22140	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 40 m3.
		22140	OP-REQ2	40 CFR Part 63, Subpart G	63.101(b)	The source is not part of a HON CMPU that manufactures an applicable product.

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

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

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
A	8	22140	OP-REQ2	40 CFR Part 63, Subpart FFFF	63.2550(i)	<i>Surge control vessel does not meet the definition of a storage tank according to 63.2550 and does not meet the vapor pressure and capacity thresholds to qualify as a Group 1 storage tank.</i>
		22145	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	The storage vessel has a capacity less than 1,000 gallons.
		22145	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 40 m3.
		22145	OP-REQ2	40 CFR Part 63, Subpart FFFF	63.2550(i)	Surge control vessel does not meet the definition of a storage tank according to 63.2550 and does not meet the vapor pressure and capacity thresholds to qualify as a Group 1 storage tank.
		22145	OP-REQ2	40 CFR Part 63, Subpart G	63.101(b)	The source is not part of a HON CMPU that manufactures an applicable product.
		22154	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	The storage vessel has a capacity less than 1,000 gallons.
		22154	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 19,800 gallons.
		22154	OP-REQ2	40 CFR Part 63, Subpart G	63.101(b)	The source is not part of a HON CMPU that manufactures an applicable product.
		33055	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds.
		33055	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		33057	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds.

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

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

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		33057	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		33140	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 19,800 gallons.
		33140	OP-REQ2	40 CFR Part 63, Subpart G	63.101(b)	Does not meet the definition of a storage tank as defined in 63.101(b) because it is a surge control vessel.
		33184	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 19,800 gallons.
		33184	OP-REQ2	40 CFR Part 63, Subpart G	63.101(b)	Does not meet the definition of a storage tank as defined in 63.101(b) because it is a surge control vessel.
		33209	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds.
		33209	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		33276	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	The storage vessel has a capacity less than 1,000 gallons.
		33276	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 19,800 gallons.
		33276	OP-REQ2	40 CFR Part 63, Subpart G	63.101(b)	Does not meet the definition of a storage tank as defined in 63.101(b) because it is a surge control vessel.
		33344	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds.

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

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

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		33344	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		33389	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds.
		33389	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		33399	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	The storage vessel has a capacity less than 1,000 gallons.
		33399	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 19,800 gallons.
		33399	OP-REQ2	40 CFR Part 63, Subpart G	63.101(b)	Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons.
		33429	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 19,800 gallons.
		33429	OP-REQ2	40 CFR Part 63, Subpart G	63.101(b)	This is a pressure vessel; therefore it does not meet the definition of a storage tank as defined in 63.101(b).
		34131	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds (VOC).
		34131	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store volatile organic liquids (VOL).
		34131	OP-REQ2	40 CFR Part 63, Subpart FFFF	63.2550(i)	Surge tank contains no organic HAPs or hydrogen halide / halogen HAPs.
		34146	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	The storage vessel has a capacity less than 1,000 gallons.
		34146	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 19,800 gallons.

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

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

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		34146	OP-REQ2	40 CFR Part 63, Subpart G	63.101(b)	Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons.
		34160	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	The storage vessel has a capacity less than 1,000 gallons.
		34160	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 19,800 gallons.
		34160	OP-REQ2	40 CFR Part 63, Subpart G	63.101(b)	Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons.
		34175	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 19,800 gallons.
		34175	OP-REQ2	40 CFR Part 63, Subpart G	63.101(b)	Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons.
		34176	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 19,800 gallons.
		34176	OP-REQ2	40 CFR Part 63, Subpart G	63.101(b)	Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons.
		34195	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 19,800 gallons.
		34195	OP-REQ2	40 CFR Part 63, Subpart G	63.101(b)	Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons.
		34336	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds.

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

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

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		34336	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		34340	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds.
		34340	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		34381	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	The storage vessel has a capacity less than 1,000 gallons.
		34381	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 19,800 gallons.
		34381	OP-REQ2	40 CFR Part 63, Subpart G	63.101(b)	Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons.
		34394	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	The storage vessel has a capacity less than 1,000 gallons.
		34394	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 19,800 gallons.
		34394	OP-REQ2	40 CFR Part 63, Subpart G	63.101(b)	Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons.
		34394-1	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	The storage vessel has a capacity less than 1,000 gallons.
		34394-1	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 19,800 gallons.
		34394-1	OP-REQ2	40 CFR Part 63, Subpart G	63.101(b)	Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons.

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

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

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		34399	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	The storage vessel has a capacity less than 1,000 gallons.
		34399	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 19,800 gallons.
		34399	OP-REQ2	40 CFR Part 63, Subpart G	63.101(b)	Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons.
		34412	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	The storage vessel has a capacity less than 1,000 gallons.
		34412	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 19,800 gallons.
		34412	OP-REQ2	40 CFR Part 63, Subpart G	63.101(b)	Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons.
		34429	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	The storage vessel has a capacity less than 1,000 gallons.
		34429	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 19,800 gallons.
		34429	OP-REQ2	40 CFR Part 63, Subpart G	63.101(b)	Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons.
		34482	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds.
		34482	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).

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

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

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		34526	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 19,800 gallons.
		34526	OP-REQ2	40 CFR Part 63, Subpart G	63.101(b)	Does not meet the definition of a storage vessel as defined in 63.101(b) because it does not contain an OHAP listed in Table 2.
		34716	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	The storage vessel has a capacity less than 1,000 gallons.
		34716	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 19,800 gallons.
		34716	OP-REQ2	40 CFR Part 63, Subpart G	63.101(b)	Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons.
A	17	35244	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds.
A	17	35284	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		35630	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds.
		35630	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		35631	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds.
		35631	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		35689	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds.

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

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

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		35689	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
A	17	36244	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds.
A	17	36284	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
A	17	38244	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds.
A	17	38284	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		92515	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds.
		92515	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		93006	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds.
		93006	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		93010	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds.
		93010	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		96631	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds.
		96631	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).

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

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

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		96632	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds.
		96632	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		97100	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds.
		97100	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		97203	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds.
		97203	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		97205	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds.
		97205	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		97221	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds.
		97221	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		B-3-1	OP-UA7	40 CFR Part 60, Subpart A	60.1	There are no process units subject to 40 CFR 60 Subchapter A being vented to the flare.
		B-3-10	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	The storage vessel has a capacity less than 1,000 gallons.
		B-3-10	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Capacity less than 40 cubic meters.

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

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

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		B-3-10	OP-REQ2	40 CFR Part 63, Subpart G	63.101	Storage vessel has a capacity less than 38 cubic meters.
		B-3-11	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Capacity less than 40 cubic meters.
		B-3-11	OP-UA3	40 CFR Part 63, Subpart G	63.101	Storage vessel has a capacity less than 38 cubic meters.
		B-3-12	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Capacity less than 75 cubic meters
		B-3-12	OP-UA3	40 CFR Part 63, Subpart G	63.101	Storage vessel has a capacity less than 38 cubic meters.
		B-3-13	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Surge control vessel is considered a process tank, and a process tank is not regulated as a storage vessel per 60.110b.
		B-3-13	OP-UA3	40 CFR Part 63, Subpart G	63.101(b)	Does not meet the definition of a storage tank as defined in 63.101(b) because it is a surge control vessel.
		B-3-14	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Surge control vessel is considered a process tank, and a process tank is not regulated as a storage vessel per 60.110b.
		B-3-14	OP-UA3	40 CFR Part 63, Subpart G	63.101(b)	Does not meet the definition of a storage tank as defined in 63.101(b) because it is a surge control vessel.
		B-3-15	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Surge control vessel is considered a process tank, and a process tank is not regulated as a storage vessel per 60.110b.
		B-3-15	OP-UA3	40 CFR Part 63, Subpart G	63.101(b)	Does not meet the definition of a storage tank as defined in 63.101(b) because it is a surge control vessel.

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

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

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		B-3-16	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Surge control vessel is considered a process tank, and a process tank is not regulated as a storage vessel per 60.110b.
		B-3-16	OP-UA3	40 CFR Part 63, Subpart G	63.101(b)	Does not meet the definition of a storage tank as defined in 63.101(b) because it is a surge control vessel.
		B-3-18	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 75 cubic meters.
		B-3-18	OP-UA3	40 CFR Part 63, Subpart G	63.101	Storage vessel has a capacity less than 38 cubic meters.
		B-3-19	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 75 cubic meters.
		B-3-19	OP-UA3	40 CFR Part 63, Subpart G	63.101	Storage vessel has a capacity less than 38 cubic meters.
		B-3-20	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Constructed before 07/23/1984.
		B-3-20	OP-UA3	40 CFR Part 63, Subpart G	63.101	Storage vessel has a capacity less than 38 cubic meters.
		B-3-22	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Constructed before 7/23/84.
		B-3-22010	OP-REQ2	40 CFR Part 60, Subpart NNN	60.660(a)	Does not Manufacture/produce chemicals listed in 60.667.
		B-3-22010	OP-REQ2	40 CFR Part 63, Subpart G	63.100(b)(2)	Does not manufacture as a primary product one or more of the chemicals listed Table 2 HAP.
		B-3-22030	OP-REQ2	40 CFR Part 60, Subpart NNN	60.660(a)	Does not Manufacture/produce chemicals listed in 60.667.
		B-3-22030	OP-REQ2	40 CFR Part 63, Subpart G	63.100(b)(2)	Does not manufacture as a primary product one or more of the chemicals listed Table 2 HAP.

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

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

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		B-3-3	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Constructed before 7/23/84.
		B-3-3	OP-UA3	40 CFR Part 63, Subpart G	63.101(b)	Does not meet the definition of a storage tank as defined in 63.101(b) because it is a surge control vessel.
		B-3-34150	OP-REQ2	40 CFR Part 60, Subpart RRR	60.700(b)	Date of Construction/Modification before 6/29/90.
		B-3-34160	OP-REQ2	40 CFR Part 60, Subpart RRR	60.700(b)	Date of Construction/Modification before 6/29/90.
		B-3-34180	OP-REQ2	40 CFR Part 60, Subpart RRR	60.700(b)	Date of Construction/Modification before 6/29/90.
		B-3-34181	OP-REQ2	40 CFR Part 60, Subpart RRR	60.700(b)	Date of Construction/Modification before 6/29/90.
		B-3-34185	OP-REQ2	40 CFR Part 63, Subpart G	63.149(b)	The item of equipment is not identified in table 35 of this subpart.
		B-3-34186	OP-REQ2	40 CFR Part 63, Subpart G	63.149(b)	The item of equipment is not identified in table 35 of this subpart.
		B-3-34187	OP-REQ2	40 CFR Part 63, Subpart G	63.149(b)	The item of equipment is not identified in table 35 of this subpart.
		B-3-34188	OP-REQ2	40 CFR Part 60, Subpart RRR	60.700(b)	Date of Construction/Modification before 6/29/90.
		B-3-34190	OP-REQ2	40 CFR Part 60, Subpart NNN	60.660(b)	Construction/Modification before 12/30/1983.
		B-3-34199	OP-REQ2	40 CFR Part 60, Subpart NNN	60.660(b)	Construction/Modification before 12/30/1983.
		B-3-34201	OP-REQ2	40 CFR Part 60, Subpart RRR	60.700(b)	Date of Construction/Modification before 6/29/90.

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

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

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		B-3-34209	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel does not store volatile organic compounds (VOC).
		B-3-34209	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store volatile organic liquids (VOL).
		B-3-34209	OP-REQ2	40 CFR Part 63, Subpart FFFF	63.2550(i)	Surge tank contains no organic HAPs or hydrogen halide / halogen HAPs.
		B-3-34240	OP-REQ2	40 CFR Part 60, Subpart NNN	60.660(b)	Construction/Modification before 12/30/1983.
		B-3-34279	OP-REQ2	40 CFR Part 63, Subpart G	63.149(b)	The item of equipment is not identified in table 35 of this subpart.
		B-3-34280	OP-REQ2	40 CFR Part 63, Subpart G	63.149(b)	The item of equipment is not identified in table 35 of this subpart.
		B-3-34282	OP-REQ2	40 CFR Part 63, Subpart G	63.149(b)	The item of equipment is not identified in table 35 of this subpart.
		B-3-34287	OP-REQ2	40 CFR Part 63, Subpart G	63.149(b)	The item of equipment is not identified in table 35 of this subpart.
		B-3-34360	OP-REQ2	40 CFR Part 60, Subpart NNN	60.660(b)	Construction or modification before 12/30/1983.
		B-3-34369	OP-REQ2	40 CFR Part 63, Subpart G	63.149(b)	The item of equipment is not identified in table 35 of this subpart.
		B-3-34375	OP-REQ2	40 CFR Part 63, Subpart G	63.149(b)	The item of equipment is not identified in table 35 of this subpart.
		B-3-34410	OP-REQ2	40 CFR Part 60, Subpart NNN	60.660(b)	Construction/Modification before 12/30/1983.
		B-3-34418	OP-REQ2	40 CFR Part 63, Subpart G	63.149(b)	The item of equipment is not identified in table 35 of this subpart.

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

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

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		B-3-34655	OP-REQ2	40 CFR Part 60, Subpart RRR	60.700(a)	Does not produce any chemicals listed in 60.707.
		B-3-36	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	The storage vessel has a capacity less than 1,000 gallons.
		B-3-36	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 75 cubic meters.
		B-3-36	OP-REQ2	40 CFR Part 63, Subpart FFFF	63.2550(i)	Storage tank contains no organic HAPs or hydrogen halide / halogen HAPs.
		B-3-36	OP-REQ2	40 CFR Part 63, Subpart G	63.100(b)(2)	This storage vessel does not store a Table 2 HAP.
		B-3-39	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Does not store VOCs.
		B-3-39	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 75 cubic meters.
		B-3-39	OP-REQ2	40 CFR Part 63, Subpart G	63.101	Storage vessel has a capacity less than 38 cubic meters.
		B-3-4	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids.
D	12	B-3-40	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	The storage vessel has a capacity less than 1,000 gallons.
D	12	B-3-40	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 75 cubic meters.
D	12	B-3-40	OP-REQ2	40 CFR Part 63, Subpart G	63.100(b)(2)	This storage vessel does not store a Table 2 HAP.
		B-3-41	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	The storage vessel has a capacity less than 1,000 gallons.
		B-3-41	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 75 cubic meters.

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

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

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
A	11	B-3-41	OP-REQ2	40 CFR Part 63, Subpart G	63.100(b)(2) 63.101	Storage vessel has a capacity less than 38 cubic meters. The source is not part of a HON CMPU that manufactures an applicable product.
A	11	B-3-41	OP-REQ2	40 CFR Part 63, Subpart FFFF	63.2550(i)	Surge control vessel does not meet the definition of a storage tank according to 63.2550 and does not meet the vapor pressure and capacity thresholds to qualify as a Group 1 storage tank.
		B-3-42	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 75 cubic meters.
	10	B-3-42	OP-UA3	40 CFR Part 63, Subpart FFFF	63.2550(i)	Storage tank contains no organic HAPs or hydrogen halide / halogen HAPs. Storage tank contains HAP only as impurities.
		B-3-42	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(2)	This storage vessel does not store a Table 2 HAP.
		B-3-43	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 75 cubic meters.
	10	B-3-43	OP-UA3	40 CFR Part 63, Subpart FFFF	63.2550(i)	Storage tank contains no organic HAPs or hydrogen halide / halogen HAPs. Storage tank contains HAP only as impurities.
		B-3-43	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(2)	This storage vessel does not store a Table 2 HAP.
		B3-43W	OP-UA4	40 CFR Part 63, Subpart G	63.100(b)(1)	This loading rack does not load a Table 2 HAP.
		B-3-44	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 75 cubic meters.

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

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

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
	10	B-3-44	OP-UA3	40 CFR Part 63, Subpart FFFF	63.2550(i)	Storage tank contains no organic HAPs or hydrogen halide / halogen HAPs. Storage tank contains HAP only as impurities.
		B-3-44	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(2)	This storage vessel does not store a Table 2 HAP.
		B-3-5	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		B-3-52	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	The storage vessel has a capacity less than 1,000 gallons.
		B-3-52	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 75 cubic meters.
A	11	B-3-52	OP-REQ2	40 CFR Part 63, Subpart G	63.101	Storage vessel has a capacity less than 38 cubic meters. The source is not part of a HON CMPU that manufactures an applicable product.
A	11	B-3-52	OP-REQ2	40 CFR Part 63, Subpart FFFF	63.2550(i)	Surge control vessel does not meet the definition of a storage tank according to 63.2550 and does not meet the vapor pressure and capacity thresholds to qualify as a Group 1 storage tank.
		B-3-55-1	OP-UA3	40 CFR Part 60, Subpart Kb	63.110(b)	Emission unit subject to 40 CFR 60 Kb and 40 CFR 63, Subpart G; comply with 40 CFR 63, Subpart G.
		B-3-55-2	OP-UA3	40 CFR Part 60, Subpart Kb	63.110(b)	Emission unit subject to 40 CFR 60 Kb and 40 CFR 63, Subpart G; comply with 40 CFR 63, Subpart G.
		B-3-56-1	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Design capacity of vessel is greater than 40,000 gallons and vapor pressure less than 0.5 psia.

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

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

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		B-3-56-1	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	This storage vessel does not store a Table 2 chemical.
		B-3-56-2	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(b)	Design capacity of vessel is greater than 40,000 gallons and vapor pressure less than 0.5 psia.
		B-3-56-2	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	This storage vessel does not store a Table 2 chemical.
		B-3-57-1	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		B-3-57-2	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		B-3-58-1	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(b)	Design capacity of vessel is greater than 19,800 gallons but less than 40,000 gallons and vapor pressure less than 2.2 psia.
		B-3-58-1	OP-UA15	40 CFR Part 63, Subpart FFFF	63.2450(r)	Surge control vessel does not meet the definition of a storage tank according to 63.2550 and does not meet the vapor pressure and capacity thresholds to qualify as a Group 1 storage tank.
		B-3-58-2	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(b)	Design capacity of vessel is greater than 19,800 gallons but less than 40,000 gallons and vapor pressure less than 2.2 psia.
		B-3-58-2	OP-UA15	40 CFR Part 63, Subpart FFFF	63.2450(r)	Surge control vessel does not meet the definition of a storage tank according to 63.2550 and does not meet the vapor pressure and capacity thresholds to qualify as a Group 1 storage tank.

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

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

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		B-3-59-1	OP-UA15	40 CFR Part 63, Subpart FFFF	63.2450(r)	Surge control vessel does not meet the definition of a storage tank according to 63.2550 and does not meet the vapor pressure and capacity thresholds to qualify as a Group 1 storage tank.
		B-3-59-1	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(b)	Design capacity of vessel is greater than 19,800 gallons but less than 40,000 gallons and vapor pressure less than 2.2 psia.
		B-3-59-2	OP-UA15	40 CFR Part 63, Subpart FFFF	63.2450(r)	Surge control vessel does not meet the definition of a storage tank according to 63.2550 and does not meet the vapor pressure and capacity thresholds to qualify as a Group 1 storage tank.
		B-3-59-2	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(b)	Design capacity of vessel is greater than 19,800 gallons but less than 40,000 gallons and vapor pressure less than 2.2 psia.
		B-3-60-1	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(b)	Design capacity of vessel is greater than 40,000 gallons and vapor pressure less than 0.5 psia.
	10	B-3-60-1	OP-UA3	40 CFR Part 63, Subpart FFFF	63.2550(i)	Storage tank contains no organic HAPs or hydrogen halide / halogen HAPs. <i>Storage tank contains HAP only as impurities.</i>
		B-3-60-2	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(b)	Design capacity of vessel is greater than 40,000 gallons and vapor pressure less than 0.5 psia.
	10	B-3-60-2	OP-UA3	40 CFR Part 63, Subpart FFFF	63.2550(i)	Storage tank contains no organic HAPs or hydrogen halide / halogen HAPs. <i>Storage tank contains HAP only as impurities.</i>
		B-3-61	OP-UA15	40 CFR Part 63, Subpart G	63.101(b)	Does not meet the definition of a storage vessel as defined in 63.101(b) because the capacity is less than 10,039 gallons.

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

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

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		B-3-7	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		B-3-7	OP-UA3	40 CFR Part 63, Subpart G	63.101	Storage vessel has a capacity less than 38 cubic meters.
		B-3-8	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 75 cubic meters.
		B-3-8	OP-UA3	40 CFR Part 63, Subpart G	63.101	Storage vessel has a capacity less than 38 cubic meters.
		B-3-9	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 75 cubic meters.
		B-3-9	OP-UA3	40 CFR Part 63, Subpart G	63.101	Storage vessel has a capacity less than 38 cubic meters.
		B-3-BAY4TL	OP-UA4	40 CFR Part 63, Subpart G	63.100(b)(1)	This loading rack does not load a Table 2 HAP.
		B-3-DEGR	OP-REQ2	30 TAC Chapter 115, Degreasing Processes	115.411(4)	The solvent used has a true vapor pressure less than 0.6 psia and a drain area less than 16 in2.
A	4	B3-SUB5	OP-UA2	40 CFR Part 60, Subpart IIII	60.4200(a)(1)(i)	Existing emergency stationary CI ICE was constructed before 2007.
		B3-SUB5	OP-UA2	40 CFR Part 63, Subpart ZZZZ	63.6590(b)(1)(i)	Existing emergency stationary RICE with a site rating of > 500 brake HP located at a major source of HAP emissions that does not operate or is not contractually obligated to be available for more than 15 hours per calendar year.
A	5	B3-SUB21	OP-UA2	40 CFR Part 60, Subpart IIII	60.4200(a)(1)(i)	Existing emergency stationary CI ICE was constructed before 2007.
		B-4-2	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	The storage vessel has a capacity less than 1,000 gallons.
		B-4-2	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 75 cubic meters.

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

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

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		B-4-2	OP-REQ2	40 CFR Part 63, Subpart G	63.101	Storage vessel has a capacity less than 38 cubic meters.
		B-4-4	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 75 cubic meters.
		B-4-4	OP-UA3	40 CFR Part 63, Subpart G	63.101	Storage vessel has a capacity less than 38 cubic meters.
		B-4-5	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 75 cubic meters.
		B-4-5	OP-UA3	40 CFR Part 63, Subpart G	63.101	Storage vessel has a capacity less than 38 cubic meters.
		CT B-3	OP-REQ2	40 CFR Part 63, Subpart Q	63.400(a)	No chromium based chemicals used after 9/8/94.
		GRP-HRPRHT	OP-UA4 <i>OP-UA5</i>	30 TAC Chapter 117, Subchapter E, Division 3	117.303(a)(4)	The heaters are a part of the sulfuric acid regeneration unit.
		GRP-MMAFUG	OP-UA12	40 CFR Part 60, Subpart VV	63.160(b)(1)	Emission unit subject to 40 CFR 60 Subpart VV and 40 CFR 63 Subpart H; comply with 63 Subpart H.
		HR-21	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		HR-21	OP-UA3	40 CFR Part 63, Subpart G	63.101(b)	This is a bottoms receiver tank; therefore it does not meet the definition of a storage tank as defined in 63.101(b).
		HR-22	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store petroleum liquids (VOL).
		HR-22	OP-UA3	40 CFR Part 63, Subpart G	63.101(b)	This is a bottoms receiver tank; therefore it does not meet the definition of a storage tank as defined in 63.101(b).
		HR-601	OP-REQ2	40 CFR Part 63, Subpart Q	63.400(a)	No chromium based chemicals used after 9/8/94.

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

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

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		HR-FUG	OP-REQ2	30 TAC Chapter 115, Pet. Refinery & Petrochemical Processes	115.352	This fugitive unit is not a part of the synthetic organic chemical manufacturing process.
		HR-FUG	OP-REQ2	40 CFR Part 63, Subpart H	63.100(b)(1)	Materials in use not affected by the HON rule.
		HR-FUG	OP-REQ2	40 CFR Part 60, Subpart VV	60.480(a)(1)	This is not an affected facility in the synthetic organic chemical manufacturing industry.
		PRO-HR-1	OP-UA43	40 CFR Part 60, Subpart H	60.80(b)	Date of construction or modification prior to 8/17/1971.
		PRO-HR-2	OP-UA43	40 CFR Part 60, Subpart H	60.80(b)	Date of construction or modification prior to 8/17/1971.
		PRO_B3MAA/G MAA	OP-UA60	40 CFR Part 63, Subpart F	63.100(b)(2)	Does not use a Table 2 Chemical.

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

Date: February 3, 2025	Regulated Entity No.: RN100223205	Permit No.: O1583
Company Name: Rohm and Haas Texas Incorporated	Area Name: B-3/HR Process Area	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
7	22013	OP-UA15	63FFFF-01	VOC	40 CFR 63, Subpart FFFF, Continuous Process Vents	63.2455(b), 63.2455(b)(1)-(3)
7	22034	OP-UA15	63FFFF-01	VOC	40 CFR 63, Subpart FFFF, Continuous Process Vents	63.2455(b), 63.2455(b)(1)-(3)
	33140	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	33184	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	33429	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	34175	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	34176	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	34195	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	34526	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
18	B-3-I	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Control	115.122(a)(1), 115.121(a)(1), 115.122(a)(1)(B), 60.18
18	B-3-I	OP-UA15	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2455(a)-Table 1.1.a.ii, 63.11(b), 63.2450(b), 63.2455(a)-(b), (b)(1), 63.982(b), 63.983(a)(1)-(3), 63.983(a)(3)(ii), (d)(1), (d)(1)(i), [G](d)(2), (d)(3), 63.987(a), 63.997(b)(1), (c)(3)

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

Date: February 3, 2025	Regulated Entity No.: RN100223205	Permit No.: O1583
Company Name: Rohm and Haas Texas Incorporated	Area Name: B-3/HR Process Area	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
18	<i>B-3-1</i>	<i>OP-UA15</i>	<i>63G-01</i>	<i>HAPS</i>	<i>40 CFR Part 63, Subpart G</i>	<i>[G]63.113(a)(1), 63.11, 63.113(h), [G]63.115(f)</i>
	B-3-11	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)
	B-3-12	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)
	B-3-13	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), 115.112(e)(3), (e)(3)(C), 60.18
	B-3-14	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B-3-15	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), 115.112(e)(3), (e)(3)(C), 60.18
	B-3-16	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B-3-18	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)
	B-3-19	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)
	B-3-1	OP-UA7	R1111-01	PM	30 TAC Chapter 111, Visible Emissions	111.111(a)(4)(A)
	B-3-1	OP-UA7	63A-01	HAPS	40 CFR Part 63, Subpart A	63.11(b)(4), 63.11(b)(1)-(3), (b)(5), (b)(6)(ii), 63.11(b)(7)(i)
	B-3-20	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)

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

Date: February 3, 2025	Regulated Entity No.: RN100223205	Permit No.: O1583
Company Name: Rohm and Haas Texas Incorporated	Area Name: B-3/HR Process Area	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
	B-3-22	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), 115.112(e)(2), (e)(2)(A)-(D), (e)(2)(F), [G]115.112(e)(2)(I), 115.114(a)(1)(A)
	B-3-22	OP-UA3	63G-01	HAPS	40 CFR Part 63, Subpart G	63.119(b), 63.119(a)(1), [G](b)(1), (b)(2), (b)(3)(ii), 63.119(b)(4), (b)(5)(i)-(vii), [G](b)(5)(viii), (b)(6), 63.120(a)(4), (a)(7)
	B-3-34E	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(i)
	B-3-34E	OP-UA4	R5211-02	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.213(b), 115.212(a)(2), (a)(3)(B), (a)(3)(D)-(E), 115.213(b)(1), (b)(4), [G](b)(6), 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(ii)
	B-3-34E	OP-UA4	63G-01	HAPS	40 CFR Part 63, Subpart G	63.126(a), 63.11, 63.126(a)(1)-(3), [G](b)(2), [G](d)(3), 63.126(f)-(i), 63.172(a), [G](h), (i), (j)(1), (m)
	B-3-34E	OP-UA4	63G-02	HAPS	40 CFR Part 63, Subpart G	63.126(a), (a)(1)-(3), (b)(1), [G](d)(3), (f)-(i), 63.172(a), [G](h), (i), (j)(1), (m)
	B-3-35E	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.213(b), 115.212(a)(2), (a)(3)(B), (a)(3)(D)-(E), 115.213(b)(1), (b)(4), [G](b)(6), 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(ii), 60.18
	B-3-35E	OP-UA4	R5211-02	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.213(b), 115.212(a)(2), (a)(3)(B), (a)(3)(D)-(E), 115.213(b)(1), (b)(4), [G](b)(6), 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(ii)
	B-3-35E	OP-UA4	63G-01	HAPS	40 CFR Part 63, Subpart G	63.126(a), 63.11, 63.126(a)(1)-(3), [G](b)(2), [G](d)(3) , 63.126(f)-(i), 63.172(a), [G](h), (i), 63.172(j)(1), (m)
	B-3-35E	OP-UA4	63G-02	HAPS	40 CFR Part 63, Subpart G	63.126(a), (a)(1)-(3), (b)(1), [G](d)(3), (f)-(i), 63.172(a), [G](h), (i), (j)(1), (m)

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

Date: February 3, 2025	Regulated Entity No.: RN100223205	Permit No.: O1583
Company Name: Rohm and Haas Texas Incorporated	Area Name: B-3/HR Process Area	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
	B-3-3	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)
12	B-3-40	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Control	115.127(a)(2)(A), [G]115.122(a)(4), 115.127(a)(2)
12	B-3-40	OP-UA15	63FFFF-01	HAPS	40 CFR 63, Subpart FFFF, Continuous Process Vents	63.2455(b), 63.2455(b)(1)-(3)
	B-3-42	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B-3-43	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B3-43W	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.212(a)(2) 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(i)
	B-3-44	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B-3-4	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B-3-4	OP-UA3	63G-01	HAPS	40 CFR Part 63, Subpart G	63.119(a)(3)
	B-3-51	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.122(a)(2), 115.121(a)(2), 115.122(a)(2)(B)
7	B-3-51	OP-UA15	63FFFF-01	VOC	40 CFR 63, Subpart FFFF, Continuous Process Vents	63.2455(b), 63.2455(b)(1)-(3)
	B-3-55-1	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B-3-55-1	OP-UA3	63G-01	HAPS	40 CFR Part 63, Subpart G	63.119(a)(3)

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

Date: February 3, 2025	Regulated Entity No.: RN100223205	Permit No.: O1583
Company Name: Rohm and Haas Texas Incorporated	Area Name: B-3/HR Process Area	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
	B-3-55-2	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B-3-55-2	OP-UA3	63G-01	HAPS	40 CFR Part 63, Subpart G	63.119(a)(3)
	B-3-56-1	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B-3-56-2	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B-3-57-1	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
1	B-3-57-1	OP-UA3	63G-01	HAPS	40 CFR Part 63, Subpart G	63.119(b), (a)(1), [G](b)(1), (b)(2), (b)(3)(ii), 63.119(b)(4), (b)(5)(i)-(viii) , (b)(5)(i)-(vii) , (b)(6), 63.120(a)(4), (a)(7)
	B-3-57-2	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
1	B-3-57-2	OP-UA3	63G-01	HAPS	40 CFR Part 63, Subpart G	63.119(b), (a)(1), [G](b)(1), (b)(2), (b)(3)(ii), 63.119(b)(4), (b)(5)(i)-(viii) , (b)(5)(i)-(vii) , (b)(6), 63.120(a)(4), (a)(7)
	B-3-58-1	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B-3-58-2	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B-3-59-1	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)

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

Date: February 3, 2025	Regulated Entity No.: RN100223205	Permit No.: O1583
Company Name: Rohm and Haas Texas Incorporated	Area Name: B-3/HR Process Area	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
	B-3-59-2	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B-3-5	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B-3-5	OP-UA3	63G-01	HAPS	40 CFR Part 63, Subpart G	63.119(a)(3)
	B-3-60-1	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B-3-60-2	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B-3-61	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(A), [G]115.122(a)(4), 115.127(a)(2)
	B-3-7	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)
	B-3-8	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)
	B-3-9	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)
	B-3-BAY4TL	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.212(a)(2) 115.214(a)(1)(B), (a)(1)(D), (a)(1)(D)(i)
	B3MMA_PRO	OP-UA60	63F-01	HAPS	40 CFR Part 63, Subpart F	63.100(b), [G]63.102(a), [G](c), 63.104(a), [G]63.104(d), (e), (e)(1), [G](e)(2), 63.105(d)
	B-3-SUB5	OP-UA2	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)

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

Date: February 3, 2025	Regulated Entity No.: RN100223205	Permit No.: O1583
Company Name: Rohm and Haas Texas Incorporated	Area Name: B-3/HR Process Area	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
	B-3-SUB21	OP-UA2	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	B-3-SUB21	OP-UA2	63ZZZZ-01	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table 2c.1, 63.6595(a)(1), 63.6605(a)-(b), 63.6625(e), (h), (i), 63.6640(f)(1)-(2), (f)(2)(i), 63.6640(f)(3)
	B-4-4	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)
	B-4-5	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)
13	GRP-HRPRHT	OP-UA1	63DDDDD-01	HAPS	40 CFR Part 63, Subpart DDDDD	<i>63.7500(a)(1)-Table 3.3, 63.7500(a)(1), (a)(3), 63.7505(a), 63.7540(a), [G](a)(10), (a)(13)</i> 63.7505
	GRP-HRHT2	OP-UA5	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	117.310(d)(3), (a), (a)(8)(A)(i), (b), [G](e)(1), 117.310(e)(2), [G](e)(3), (e)(4), 117.340(l)(2), 117.340(p)(1), (p)(2)(C), (p)(3)
	GRP-HRHT2	OP-UA5	R7ICI-01	CO	30 TAC Chapter 117, Subchapter B	117.310(c)(1), (c)(1)(B), (c)(3)
	GRP-MMAFUG	OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	ALL
	GRP-MMAFUG	OP-UA12	63H-ALL	HAP	40 CFR Part 63, Subpart H	ALL
	GRP-MAAFUG	OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	ALL

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

Date: February 3, 2025	Regulated Entity No.: RN100223205	Permit No.: O1583
Company Name: Rohm and Haas Texas Incorporated	Area Name: B-3/HR Process Area	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
	GRP-MAAFUG	OP-UA12	63H-ALL	HAP	40 CFR Part 63, Subpart H	ALL
2	GRP-MAAFUG	OP-UA1	63FFFF-01	HAP	40 CFR Part 63, Subpart FFFF	<i>63.2480(a)-Table 6.1.a.ii, 63.162(a), (c), [G](g), (h), [G]63.171, 63.2435(a)-(b), (b)(1), (b)(1)(i)-(ii), 63.2435(b)(2)-(3), 63.2440(a)-(b), 63.2445(b), (d), (g), 63.2445(g)(1), (g)(4), (h), 63.2450(a), (a)(2), (g)(7), 63.2480(a)-(b), (b)(3), (b)(5)-(6), (e), (e)(1), (e)(2)(ii), [G]63.2480(e)(3)-(7), (f)(1)-(3), [G]63.2535(k), §63.2540, §63.2480(a)</i>
	HR-21	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	HR-22	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	HR-8	OP-UA15	R1111-01	PM	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(C), (a)(1)(E)
18	HR-8	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.121(a)(2), 115.122(a)(2), 115.122(a)(2)(B)
18	HR-8	OP-UA15	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	<i>63.2455(a)-Table 1.1a.iI, 63.2450(b), 64.2455(a), (b), 63.2455(b)(1), 63.982(c), (c)(2), 63.983(a)(1)-(3), 63.983(a)(3)(i), (d)(1), (d)(1)(i), [G](d)(2), (d)(3), 63.996(c), (c)(2), (c)(2)(i), (c)(3)-(6), 63.988(a)(1)-(2), 63.988(b)(2), 63.988(a)(3), 63.997(c)(3)</i>
18	HR-8	OP-UA15	63G-01	HAPS	40 CFR Part 63, Subpart G	<i>[G]63.113(a)(2), (b), (h), [G]63.115(f), 63.116(b)</i>
	HTRES-FUG	OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	ALL
	HTRES-FUG	OP-UA12	63H-ALL	HAP	40 CFR Part 63, Subpart H	ALL

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

Date: February 3, 2025	Regulated Entity No.: RN100223205	Permit No.: O1583
Company Name: Rohm and Haas Texas Incorporated	Area Name: B-3/HR Process Area	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
	PRO-HR-1	OP-UA43	R200-01	SO ₂	30 TAC Chapter 112, Sulfur Compounds	112.5(a)
	PRO-HR-1	OP-UA43	R200-01	HS	30 TAC Chapter 112, Sulfur Compounds	112.41(b), (b)(1)
	PRO-HR-2	OP-UA43	R200-01	SO ₂	30 TAC Chapter 112, Sulfur Compounds	112.5(a)
	PRO-HR-2	OP-UA43	R200-01	HS	30 TAC Chapter 112, Sulfur Compounds	112.41(b), (b)(1)
	PRO-HR-3	OP-UA43	R200-01	SO ₂	30 TAC Chapter 112, Sulfur Compounds	112.5(a)
	PRO-HR-3	OP-UA43	R200-01	HS	30 TAC Chapter 112, Sulfur Compounds	112.41(b), (b)(1)
	PRO-HR-3	OP-UA43	60H-01	SO ₂	40 CFR Part 60, Subpart H	60.82(a)
	PRO-HR-3	OP-UA43	60H-01	H ₂ SO ₄	40 CFR Part 60, Subpart H	60.83(a)(1)
	PRO-HR-3	OP-UA43	60H-01	PM	40 CFR Part 60, Subpart H	60.83(a)(2)
	PRO_B3/B4M MA	OP-UA60	63F-01	112(B) HAPS	40 CFR Part 63, Subpart F	63.100(b), [G]63.102(a), [G](c), 63.104(a), [G](d), (e), 63.104(e)(1), [G](e)(2), 63.105(d)
	PRO_B3MAA/ GMAA	OP-UA60	63FFFF-01	112(B) HAPS	40 CFR Part 63, Subpart FFFF	63.2440(a), 63.2450(a), 63.2450(l)

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

Date: February 3, 2025	Regulated Entity No.: RN100223205	Permit No.: O1583
Company Name: Rohm and Haas Texas Incorporated	Area Name: B-3/HR Process Area	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
7	22013	63FFFF-01	VOC	63.115(d), [G](d)(1), (d)(2), (d)(2)(i), [G]63.115(d)(2)(ii), (d)(2)(iii)-(iv), 63.115(d)(3)(i)-(ii)	NONE	NONE
7	22034	63FFFF-01	VOC	63.115(d), [G](d)(1), (d)(2), (d)(2)(i), [G]63.115(d)(2)(ii), (d)(2)(iii)-(iv), 63.115(d)(3)(i)-(ii)	NONE	NONE
	33140	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	33184	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	33429	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	34175	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	34176	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	34195	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	34526	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
18	B-3-I	R5121-01	VOC	[G]115.125, 115.126(1), (1)(B), (2)	115.126, (1), (1)(B), (2)	NONE

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

Date: February 3, 2025	Regulated Entity No.: RN100223205	Permit No.: O1583
Company Name: Rohm and Haas Texas Incorporated	Area Name: B-3/HR Process Area	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
18	<i>B-3-1</i>	<i>63FFFF-01</i>	<i>HAPS</i>	<i>[G]63.115(d)(2)(v), (d)(3)(iii), 63.983(a)(3), (a)(3)(i), (b), [G]63.983(b)(1)-(3)-(4), [G](c)(1), 63.983(c)(2)-(3), (d)(1), (d)(1)(ii), 63.987(c), 63.997(b), (b)(1), 63.997(c)(2)-(3), (c)(3)(i)-(ii)</i>	<i>63.983(a)(3)(i), (b), [G](d)(2), 63.987(c), 63.998(a)(1)(ii), 63.998(a)(1)(iii)(A)-(B), [G]63.998(b)(1)-(3), [G](b)(5), [G]63.998(d)(1), (d)(3)(i)-(ii), 63.998(d)(5), 63.2450(f)(2), 63.2450(f)(2)(i)-(ii)</i>	<i>63.997(b)(1), (c)(3), 63.998(a)(1)(iii)(A), [G]63.998(b)(3), [G]63.999(a)(1), (b)(5), 63.999(c)(1), (c)(2)(i), (c)(2)(ii) (c)(3), 63.999(c)(6), [G](c)(6)(i), (c)(6)(iv), [G](d)(1)-(2), 63.2450(f)(2)(ii), (q)</i>
18	<i>B-3-1</i>	<i>63G-01</i>	<i>HAPS</i>	<i>63.114(a), (a)(2), (d)(1), [G]63.115(f), [G]63.116(a)</i>	<i>63.114(d)(1), [G]63.117(a)(5), 63.118(a)(1)-(2)-(3), [G]63.152(a), [G](f)</i>	<i>63.114(e), [G]63.117(a)(5), (f), 63.118(f)(2)-(3), (f)(5), [G]63.151(b), (e), [G]63.151(e)(1), (e)(2)-(3), [G](j), [G]63.152(a), (b), [G](b)(1)-(2), (c)(1)-(2), 63.152(c)(2)(i), [G](c)(2)(ii), (c)(2)(iii), 63.152(c)(4)(ii), [G](c)(6)</i>
	B-3-11	R5112-01	VOC	[G]115.117	115.118(a)(5)(7)	NONE
	B-3-12	R5112-01	VOC	[G]115.117	115.118(a)(5)(7)	NONE
	B-3-13	R5112-01	VOC	115.115(a), (a)(6), 115.116(a)(2), [G]115.117	115.118(a)(4), (a)(4)(F), (a)(5), 115.118(a)(7)	NONE
	B-3-14	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)	NONE
	B-3-15	R5112-01	VOC	115.115(a), (a)(6), 115.116(a)(2), [G]115.117	115.118(a)(4), (a)(4)(F), (a)(5), 115.118(a)(7)	NONE
	B-3-16	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)	NONE
	B-3-18	R5112-01	VOC	[G]115.117	115.118(a)(5)(7)	NONE

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

Date: February 3, 2025	Regulated Entity No.: RN100223205	Permit No.: O1583
Company Name: Rohm and Haas Texas Incorporated	Area Name: B-3/HR Process Area	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B-3-19	R5112-01	VOC	[G]115.117	115.118(a)(5)(7)	NONE
	B-3-1	R1111-01	PM	111.111(a)(4)(A)(i)-(ii)	111.111(a)(4)(A)(ii)	NONE
	B-3-1	63A-01	HAPS	63.11(b)(4)-(5), (b)(7)(i)	NONE	NONE
	B-3-20	R5112-01	VOC	[G]115.117	115.118(a)(5)(7)	NONE
1	B-3-22	R5112-01	VOC	115.114(a)(1), (a)(1)(A), [G]115.117	115.118(a)(3), (a)(5), (a)(6)(C), 115.118(a)(7)	115.114(a)(1)(B), 115.118(a)(3)
	B-3-22	63G-01	HAPS	63.120(a)(2)(i)-(ii)	63.120(a)(4), 63.123(a), (c), 63.123(g), [G]63.152(a)	63.120(a)(5)-(6), 63.122(d), 63.122(d)(1)(ii)-(iii), (d)(2)(ii), 63.151(a)(7), [G]63.151(b), [G](j), [G]63.152(a), (b), [G]63.151(b)(1), 63.152(b)(4), (c)(1)-(2), 63.152(c)(4)(ii)
	B-3-34E	R5211-01	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	B-3-34E	R5211-02	VOC	115.212(a)(3)(B), 115.213(b), 115.213(b)(1), 115.214(a)(1)(A), 115.214(a)(1)(A)(i), 115.215, (1), [G]115.215(2), (4), (9)-(10)	115.213(b)(1), 115.216, (2), 115.216(3)(A), (3)(A)(i)-(iii), 115.216(3)(B)	115.213(b)(1)-(4)

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

Date: February 3, 2025	Regulated Entity No.: RN100223205	Permit No.: O1583
Company Name: Rohm and Haas Texas Incorporated	Area Name: B-3/HR Process Area	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B-3-34E	63G-01	HAPS	[G]63.126(d)(3), 63.127(a), (a)(2), 63.127(d)(1), (e), [G]63.128(b), [G]63.128(f), 63.152(g)(1)(i), [G]63.152(g)(1)(ii), (g)(1)(iii)-(iv) [G]63.152(g)(1)(v), [G]63.172(f)(1)-(2), (g), [G](h), 63.172(j)(1), [G](k)-(l), [G]63.180(b), [G]63.180(d)	63.127(d)(1), 63.129(a)(1), [G]63.129(a)(5), (d), 63.130(a)(1), (a)(2)(i), 63.130(a)(2)(iii), (b)(1), (c), 63.130(e)-(f), (f)(1)-(3), 63.130(f)(3)(ii), [G]63.152(a), [G]63.152(f), (g)(1), (g)(1)(i), [G]63.152(g)(1)(ii), 63.152(g)(1)(iii)-(iv), [G]63.152(g)(1)(v)-(vi), (g)(2), 63.152(g)(2)(i)-(iii), 63.172(j)(1), [G](k)-(l), 63.181(a), [G](b), (c), [G](d), 63.181(g), (g)(1)(i)-(ii), [G]63.181(g)(2)-(3)	63.129(a)(2)-(3), [G](a)(5), 63.130(d)(1)-(5), [G]63.151(b), [G](j), [G]63.152(a), (b), [G](b)(1)-(2), (b)(4), 63.152(c)(1)-(2), (c)(2)(i), [G](c)(2)(ii), 63.152(c)(2)(iii), (c)(3), (c)(3)(i)-(ii), 63.152(c)(4)(ii), [G](c)(6), (g)(1) 63.152(g)(2)(i)-(ii), [G]63.182(a)-(b), (c), [G]63.182(c)(1), (c)(4), [G](d)
	B-3-34E	63G-02	HAPS	[G]63.116(c), [G]63.126(d)(3), 63.127(a), (a)(1), (a)(1)(i), (d)(1), 63.127(e), 63.128(a)(1)-(4), (e)(2), [G]63.182(f), 63.152(g)(1)(i), [G]63.152(g)(1)(ii), (g)(1)(iii)-(iv), [G]63.152(g)(1)(v), [G]63.172(f)(1)-(2), (g), [G](h), 63.172(j)(1), [G](k)-(l), [G]63.180(b), [G]63.180(d)	63.127(a)(1), (d)(1), 63.129(a)(1), (a)(4), 63.129(a)(4)(i)-(iii), (d), 63.130(a)(2)(iii), (b)(1), (e)-(f), 63.130(f)(1)-(3), (f)(3)(ii), [G]63.152(a), [G](f), (g)(1), 63.152(g)(1)(i), [G](g)(1)(ii), 63.152(g)(1)(iii)-(iv), [G]63.152(g)(1)(v)-(vi), (g)(2), 63.152(g)(2)(i)-(iii), 63.172(j)(1), [G](k)-(l), 63.181(a), [G](b), (c), [G](d), 63.181(g), (g)(1)(i)-(ii), [G]63.181(g)(2)-(3)	63.129(a)(2)-(4), (a)(4)(i)-(iii), 63.130(d)(1)-(4), [G]63.151(b), [G](j), [G]63.152(a), (b), [G](b)(1)-(2), (b)(4), 63.152(c)(1)-(2), (c)(2)(i), [G](c)(2)(ii), 63.152(c)(2)(iii), (c)(3), (c)(3)(i)-(ii), 63.152(c)(4)(ii), [G](c)(6), (g)(1), (g)(2)(i)-(ii) [G]63.182(a)-(b), (c), [G](c)(1), (c)(4), [G](d)

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

Date: February 3, 2025	Regulated Entity No.: RN100223205	Permit No.: O1583
Company Name: Rohm and Haas Texas Incorporated	Area Name: B-3/HR Process Area	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B-3-35E	R5211-01	VOC	115.212(a)(3)(B), 115.213(b), (b)(1), 115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (1), [G](2), (3)-(4), (9)-(10)	115.213(b)(1), 115.216, (2), 115.216(3)(A), (3)(A)(i)-(iii), 115.216(3)(B)	115.213(b)(1)-(4)
	B-3-35E	R5211-02	VOC	115.212(a)(3)(B), 115.213(b), (b)(1), 115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (1), [G](2), (3)-(4), (9)-(10)	115.213(b)(1), 115.216, (2), 115.216(3)(A), (3)(A)(i)-(iii), 115.216(3)(B)	115.213(b)(1)-(4)
	B-3-35E	63G-01	HAPS	[G]63.126(d)(3), 63.127(a), (a)(2), 63.127(d)(1), (e), [G]63.128(b), [G]63.128(f), 63.152(g)(1)(i), [G]63.152(g)(1)(ii), (g)(1)(iii)-(iv) [G]63.152(g)(1)(v), [G]63.172(f)(1)-(2), (g), [G](h), (j)(1), [G]63.172(k)-(l), [G]63.180(b), [G](d)	63.127(d)(1), 63.129(a)(1), [G]63.129(a)(5), (d), 63.130(a)(1), (a)(2)(i), 63.130(a)(2)(iii), (b)(1), (c), 63.130(e)-(f), (f)(1)-(3), 63.130(f)(3)(ii), [G]63.152(a), [G]63.152(f), (g)(1), (g)(1)(i), [G]63.152(g)(1)(ii), 63.152(g)(1)(iii)-(iv), [G]63.152(g)(1)(v)-(vi), (g)(2), 63.152(g)(2)(i)-(iii), 63.172(j)(1), [G](k)-(l), 63.181(a), [G](b), (c), [G](d), 63.181(g), (g)(1)(i)-(ii), [G]63.181(g)(2)-(3)	63.129(a)(2)-(3), [G](a)(5), 63.130(d)(1)-(5), [G]63.151(b), [G](j), [G]63.152(a), (b), [G]63.152(b)(1)-(2), (b)(4), (c)(1)-(2), 63.152(c)(2)(i), [G](c)(2)(ii), (c)(2)(iii), (c)(3), 63.152(c)(3)(i)-(ii), (c)(4)(ii), [G](c)(6), (g)(1) 63.152(g)(2)(i)-(ii), [G]63.182(a)-(b), (c), [G]63.182(c)(1), (c)(4), [G](d)

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

Date: February 3, 2025	Regulated Entity No.: RN100223205	Permit No.: O1583
Company Name: Rohm and Haas Texas Incorporated	Area Name: B-3/HR Process Area	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B-3-35E	63G-02	HAPS	[G]63.116(c), [G]63.126(d)(3), 63.127(a), (a)(1), (a)(1)(i), (d)(1), 63.127(e), 63.128(a)(1)-(4), (e)(2), [G]63.128(f), 63.152(g)(1)(i), [G]63.152(g)(1)(ii), (g)(1)(iii)-(iv), [G]63.152(g)(1)(v), [G]63.172(f)(1)-(2), (g), [G](h), 63.172(j)(1), [G](k)-(l), [G]63.180(b), [G]63.180(d)	63.127(a)(1), (d)(1), 63.129(a)(1), (a)(4), 63.129(a)(4)(i)-(iii), (d), 63.130(a)(2)(iii), (b)(1), (e)-(f), 63.130(f)(1)-(3), (f)(3)(ii), [G]63.152(a), [G](f), (g)(1), 63.152(g)(1)(i), [G](g)(1)(ii), 63.152(g)(1)(iii)-(iv), [G]63.152(g)(1)(v)-(vi), (g)(2), 63.152(g)(2)(i)-(iii), 63.172(j)(1), [G](k)-(l), 63.181(a), [G](b), (c), [G](d), 63.181(g), (g)(1)(i)-(ii), [G]63.181(g)(2)-(3)	63.129(a)(2)-(4), (a)(4)(i)-(iii), 63.130(d)(1)-(4), [G]63.151(b), [G](j), [G]63.152(a), (b), [G](b)(1)-(2), (b)(4), 63.152(c)(1)-(2), (c)(2)(i), [G](c)(2)(ii), 63.152(c)(2)(iii), (c)(3), (c)(3)(i)-(ii), 63.152(c)(4)(ii), [G](c)(6), (g)(1) 63.152(g)(2)(i)-(ii), [G]63.182(a)-(b), (c), [G]63.182(c)(1), (c)(4), [G](d)
	B-3-3	R5112-01	VOC	[G]115.117	115.118(a)(5)(7)	NONE
12	B-3-40	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, 115.126(2), (4)	NONE
12	B-3-40	63FFFF-01	HAPS	63.115(d), [G](d)(1), (d)(2), (d)(2)(i), [G]63.115(d)(2)(ii), (d)(2)(iii)-(iv), 63.115(d)(3)(i)-(ii)	NONE	NONE
	B-3-42	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	B-3-43	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	B3-43W	R5211-01	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	B-3-44	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	B-3-4	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE

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

Date: February 3, 2025	Regulated Entity No.: RN100223205	Permit No.: O1583
Company Name: Rohm and Haas Texas Incorporated	Area Name: B-3/HR Process Area	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B-3-4	63G-01	HAPS	NONE	63.123(a)	63.152(c)(4)(iii)
	B-3-51	R5121-01	VOC	[G]115.125, 115.126(1), (1)(A), 115.126(1)(A)(i), (2)	115.126, (1), (1)(A), (1)(A)(i), 115.126(2)	NONE
7	B-3-51	63FFFF-01	VOC	63.115(d), [G](d)(1), (d)(2), (d)(2)(i), [G]63.115(d)(2)(ii), (d)(2)(iii)-(iv), 63.115(d)(3)(i)-(ii)	NONE	NONE
	B-3-55-1	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)	NONE
	B-3-55-1	63G-01	HAPS	NONE	63.123(a)	63.152(c)(4)(iii)
	B-3-55-2	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)	NONE
	B-3-55-2	63G-01	HAPS	NONE	63.123(a)	63.152(c)(4)(iii)
	B-3-56-1	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)	NONE
	B-3-56-2	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)	NONE
	B-3-57-1	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)	NONE
	B-3-57-1	63G-01	HAPS	63.120(a)(2)(i)-(ii)	63.120(a)(4), 63.123(a), (c), 63.123(g), [G]63.152(a)	63.120(a)(5)-(6), 63.122(d), (d)(1)(ii)-(iii), 63.122(d)(2)(ii), 63.151(a)(7), [G](b), [G]63.151(j), [G]63.152(a), (b), [G](b)(1), 63.152(b)(4), (c)(1)-(2), (c)(4)(ii)

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

Date: February 3, 2025	Regulated Entity No.: RN100223205	Permit No.: O1583
Company Name: Rohm and Haas Texas Incorporated	Area Name: B-3/HR Process Area	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B-3-57-2	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)	NONE
	B-3-57-2	63G-01	HAPS	63.120(a)(2)(i)-(ii)	63.120(a)(4), 63.123(a), (c), 63.123(g), [G]63.152(a)	63.120(a)(5)-(6), 63.122(d), (d)(1)(ii)-(iii), 63.122(d)(2)(ii), 63.151(a)(7), [G](b), [G]63.151(j), [G]63.152(a), (b), [G](b)(1), 63.152(b)(4), (c)(1)-(2), (c)(4)(ii)
	B-3-58-1	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)	NONE
	B-3-58-2	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)	NONE
	B-3-59-1	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	B-3-59-2	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	B-3-5	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)	NONE
	B-3-5	63G-01	HAPS	NONE	63.123(a)	63.152(c)(4)(iii)
	B-3-60-1	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)	NONE
	B-3-60-2	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)	NONE
	B-3-61	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	B-3-7	R5112-01	VOC	[G]115.117	115.118(a)(5)(7)	NONE
	B-3-8	R5112-01	VOC	[G]115.117	115.118(a)(5)(7)	NONE

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

Date: February 3, 2025	Regulated Entity No.: RN100223205	Permit No.: O1583
Company Name: Rohm and Haas Texas Incorporated	Area Name: B-3/HR Process Area	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B-3-9	R5112-01	VOC	[G]115.117	115.118(a)(5)(7)	NONE
	B-3-BAY4TL	R5112-01	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	B3MMA_PRO	63F-01	HAPS	63.103(b)(1), (b)(3)-(4), [G](b)(5), 63.103(b)(6), [G]63.104(c)	[G]63.103(c), [G]63.104(c), [G]63.104(e)(2), [G](f)(1), [G]63.105(b), (c), (e)	63.103(b)(2), [G](b)(5), [G](d), [G]63.104(f)(2)
	B-3-SUB5	R7ICI-01	NO _x	117.8140(a), (a)(3)	117.340(j), [G]117.345(f)(6), [G]117.345(f)(10)	NONE
	B-3-SUB21	R7ICI-01	NO _x	117.8140(a), (a)(3)	117.340(j), 117.345(f), [G](f)(6), [G]117.345(f)(10)	NONE
1	B-3-SUB21	63ZZZZ-01	HAPS	63.6625(f), (i), 63.6640(a), 63.6640(a)-Table 6.9.a.i-ii	63.6625(i), 63.6655(e) , 63.6655(f), 63.6660(a)-(c)	63.6640(e), 63.6650(f)
	B-4-4	R5112-01	VOC	[G]115.117	115.118(a)(5)(7)	NONE
	B-4-5	R5112-01	VOC	[G]115.117	115.118(a)(5)(7)	NONE
13	GRP-HRPRHT	63DDDDD-01	HAPS	63.7515(d), [G]63.7521(f)-(g), (h)-(i), 63.7530(g), 63.7540(a), [G](a)(10), [G]63.7540(c) General high level applicability	63.7555(a), (a)(1)-(2), (g)-(h), 63.7560(a)-(c) General high level applicability	[G]63.7521(g), 63.7530(e), (f), 63.7545(a)-(c), [G](e)-(f), 63.7550(a), [G]63.7550(b)-(c), [G](h) General high level applicability
	GRP-HRHT2	R7ICI-01	NO _x	[G]117.335(a)(1), (a)(4), (b), (d)-(e), 117.335(g), 117.340(a), (l)(2), (o)(1), 117.340(p)(1), (p)(2)(A)-(C), 117.8000(b)-(c), (c)(1), (c)(3), 117.8000(c)(5)-(6), [G](d)	117.345(a), (f), (f)(1), (f)(9)	117.335(b), (g), 117.340(p)(2)(D), [G]117.345(b)-(c), 117.8010, [G](1), (2), 117.8010(2)(A)-(D), [G](3), (4), [G](5), (6) [G]117.8010(7)-(8)

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

Date: February 3, 2025	Regulated Entity No.: RN100223205	Permit No.: O1583
Company Name: Rohm and Haas Texas Incorporated	Area Name: B-3/HR Process Area	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	GRP-HRHT2	R7ICI-01	CO	[G]117.335(a)(1), (a)(4), (b), (d)-(e), 117.335(g), 117.340(a), 117.8000(b)-(c), (c)(2)-(3) 117.8000(c)(5)-(6), [G](d), 117.8120, 117.8120(2), [G](2)(A), (2)(B)	117.345(a), (f), (f)(1), (f)(9)	117.335(b), (g), [G]117.345(b)-(c), 117.8010, [G]117.8010(1), (2), (2)(A)-(B), [G](3), (4), [G]117.8010(5), (6), [G](7)-(8)
	GRP-MMAFUG	R5352-ALL	VOC	ALL	ALL	ALL
	GRP-MMAFUG	63H-ALL	HAP	ALL	ALL	ALL
	GRP-MAAFUG	R5352-ALL	VOC	ALL	ALL	ALL
	GRP-MAAFUG	63H-ALL	HAP	ALL	ALL	ALL
2	GRP-MAAFUG	63FFFF-01	HAP	[G]63.180(b)-(d), 63.2480(b)(7), 63.2480(e)(2)(ii), [G](e)(2)-(5) General High Level Applicability	63.181(a), [G](b), (c), [G](f), 63.2445(g)(7), 63.2525(a), [G]63.2525(b), (f), (j), [G](p), [G]63.2525(q), (t), (u)(1)-(3) General High Level Applicability	[G]63.182(a)-(b), (c), [G](c)(1), (c)(4), [G](d), 63.2445(c), (g)(7), 63.2450(m)(1)-(3), 63.2515(a), (b)(1), (d), 63.2520(a), Table 11.1-11.3, [G]63.2520(b), (d), 63.2520(d)(1)-(2), (d)(2)(i)-(vii), [G](d)(4), 63.2520(e), (e)(1)-(4), (e)(5)(i)-(ii), 63.2520(e)(5)(ii)(A)-(B), (e)(5)(ii)(D), 63.2520(e)(5)(iii)(C), (e)(5)(iii)(E), 63.2520(e)(7), (e)(9)-(10), [G](e)(10)(i), 63.2520(e)(10)(ii)(C), [G](e)(14)-(15) General High Level Applicability
	HR-21	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	HR-22	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE

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

Date: February 3, 2025	Regulated Entity No.: RN100223205	Permit No.: O1583
Company Name: Rohm and Haas Texas Incorporated	Area Name: B-3/HR Process Area	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	HR-8	R1111-01	PM	[G]111.111(a)(1)(F)	NONE	NONE
18	HR-8	R5121-01	VOC	[G]115.125, 115.126(1), (1)(A), 115.126(1)(A)(i), (2)	115.126, (1), (1)(A), (1)(A)(i), 115.126(2)	NONE
18	HR-8	63FFFF-01	HAPS	[G]63.115(d)(2)(v), (d)(3)(iii), 63.983(a)(3), (a)(3)(i), (b), [G]63.983(b)(1)-(3), [G](b)(4), [G]63.983(c)(1), (c)(2)-(3), (d)(1), 63.983(d)(1)(ii), 63.996(b)(1), 63.996(b)(1)(i), (b)(2), 63.997(c)(2)-(3), (c)(3)(iii), 63.2450(g), (g)(1)-(2), [G](g)(3), 63.2450(g)(4), (k)(6)	63.983(a)(3)(i), (b), [G](d)(2), 63.996(c)(2)(ii), 63.998(a)(2)(ii)(B)(5), [G]63.998(b)(1)-(3), [G](b)(5), [G]63.998(c)(1), (c)(2)(iii), 63.998(c)(3)(iii), [G](d)(1), [G]63.998(d)(3)(i)-(ii), (d)(5), 63.2450(k)(6), 63.2525(g), (h)	63.996(b)(2), (c)(6), 63.997(c)(3), [G]63.998(b)(3), [G]63.999(a)(1), [G](b)(3), 63.999(b)(5), (c)(1), (c)(2)(i)-(ii), (c)(6), [G]63.999(c)(6)(i), (c)(6)(iv), 63.2450(q)
18	HR-8	63G-01	HAPS	63.114(d)(1), [G]63.115(f)	63.114(d)(1), 63.117(a)(4), 63.117(a)(4)(iii), 63.118(a)(3), [G]63.152(a)	63.117(a)(4), (a)(4)(iii), 63.118(f)(3), [G]63.151(b), (e), [G](e)(1), (e)(2)-(3), [G](j), [G]63.152(a), (b), [G](b)(1), (c)(1)-(2), 63.152(c)(4)(ii), [G](c)(6)
	HTRES-FUG	R5352-ALL	VOC	ALL	ALL	ALL
	HTRES-FUG	63H-ALL	HAP	ALL	ALL	ALL
	PRO-HR-1	R200-01	SO ₂	112.2(a), 112.5(c)	112.2(c)	112.2(b)
	PRO-HR-1	R200-01	HS	112.43(b)-(c), [G](c)(1)-(2), 112.45(a)	[G]112.45(b)	NONE
	PRO-HR-2	R200-01	SO ₂	112.2(a), 112.5(c)	112.2(c)	112.2(b)
	PRO-HR-2	R200-01	HS	112.43(b)-(c), [G](c)(1)-(2), 112.45(a)	[G]112.45(b)	NONE
	PRO-HR-3	R200-01	SO ₂	112.2(a), 112.5(c)	112.2(c)	112.2(b)

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

Date: February 3, 2025	Regulated Entity No.: RN100223205	Permit No.: O1583
Company Name: Rohm and Haas Texas Incorporated	Area Name: B-3/HR Process Area	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	PRO-HR-3	R200-01	HS	112.43(b)-(c), [G](c)(1)-(2), 112.45(a)	[G]112.45(b)	NONE
	PRO-HR-3	60H-01	SO ₂	60.84(a), (b), (b)(1)-(3), (c)	NONE	60.84(e)
	PRO-HR-3	60H-01	H ₂ SO ₄	60.85(a), (b)(1)-(3)	NONE	NONE
	PRO-HR-3	60H-01	PM	60.85(a), (b)(4)	NONE	NONE
	PRO_B3/B4M MA	63F-01	112(B) HAPS	63.103(b)(1), (b)(3)-(4), [G](b)(5), 63.103(b)(6), [G]63.104(c)	[G]63.103(c), [G]63.104(c), [G]63.104(e)(2), [G](f)(1), [G]63.105(b), (c), (e)	63.103(b)(2), [G](b)(5), [G](d), [G]63.104(f)(2)
	PRO_B3MMA /GMAA	63FFFF-01	112(B) HAPS	63.2445(d)	63.2525, (a), [G](b), (c), (f), (j)	63.2435(d), 63.2445(c), 63.2450(g)(5), (m), 63.2450(m)(1)-(2), 63.2515(a), (b)(1), (c), 63.2520(a), [G](b)-(d), (e), (e)(1), [G](e)(10), 63.2520(e)(2)-(5), (e)(5)(i), [G](e)(5)(ii)-(iii), 63.2520(e)(6)-(7), (e)(9)

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

Date	Permit Number	Regulated Entity Number
February 3, 2025	O1583	RN100223205

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

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

Date	Permit Number	Regulated Entity Number
February 3, 2025	O1583	RN100223205

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

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

Date	Permit Number	Regulated Entity Number
February 3, 2025	O1583	RN100223205

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

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

Date	Permit Number	Regulated Entity Number
February 3, 2025	O1583	RN100223205

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

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

Date	Permit Number	Regulated Entity Number
February 3, 2025	O1583	RN100223205

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

Section E – Compliance Certification Forms

Form OP-MON

Form OP-ACPS

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

I. Identifying Information		
Account No.: <i>HG-0632-T</i>	RN No.: <i>RN100223205</i>	CN: <i>CN605605831</i>
Permit No.: <i>O1583</i>	Project No.: <i>TBD</i>	
Area Name: <i>B-3/HR Process Area</i>		
Company Name: <i>Rohm and Haas Texas Incorporated</i>		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 14		
Unit/EPN/Group/Process ID No.: <i>HR-8</i>		
Applicable Form: <i>OP-UA15</i>		
III. Applicable Regulatory Requirement		
Name: <i>30 TAC Chapter 115, Vent Gas Controls</i>		
SOP/GOP Index No.: <i>R5121-02</i>		
Pollutant: <i>VOC</i>		
Main Standard: <i>115.122(a)(2)</i>		
IV. Title V Monitoring Information		
Monitoring Type: <i>CAM</i>		
Unit Size: <i>SM</i>		
CAM/PM Option No.: <i>CAM-TI-001</i>		
Deviation Limit: : <i>Combustion temperature <800 degrees Celsius</i>		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: <i>HR-8</i>		
Control Device Type: <i>Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)</i>		

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

Date: February 3, 2025	Regulated Entity No.: RN100223205	Permit No.: O1583
Company Name: Rohm and Haas Texas Incorporated		Area Name: B-3/HR Process Area

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

Part 1

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><small>* For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status. For General Operating Permits (GOPs), the application documentation, particularly Form OP-REQ1 should be consulted as well as the requirements contained in the appropriate General Permits portion of 30 TAC Chapter 122.</small></p> <p><i>Compliance should be assessed based, at a minimum, on the required monitoring, testing, record keeping, and/or reporting requirements, as appropriate, associated with the applicable requirement in question.</i></p>	

Section F – Major NSR Summary Table

Major NSR Summary Table

Permits Numbers: Number 751 and PSDTX987					Issuance Date: 6/6/2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.
35-HR-5	HR-I Preheater	NO _x	2.08	9.12	5, 6, 12, 15	5, 6, 9, 10, 12, 13, 14, 15, 25	5, 12, 15
		SO ₂ (PSD)	1.17	5.11			
		CO	6.86	30.04			
		PM	0.62	2.72			
		PM ₁₀	0.62	2.72			
		PM _{2.5}	0.62	2.72			
		VOC	0.17	0.73			
36-HR-5	HR-II Preheater	NO _x	1.39	6.08	5, 6, 12, 15	5, 6, 9, 10, 12, 13, 14, 15, 25	5, 12, 15
		SO ₂ (PSD)	1.05	4.60			
		CO	6.17	27.05			
		PM	0.56	2.45			
		PM ₁₀	0.56	2.45			
		PM _{2.5}	0.56	2.45			
		VOC	0.40	1.77			
38-HR-5	HR-III Preheater	NO _x	1.39	6.08	5, 6, 12, 15	5, 6, 9, 10, 12, 13, 14, 15, 25	5, 12, 15
		SO ₂ (PSD)	1.05	4.60			
		CO	6.18	27.05			
		PM	0.56	2.45			
		PM ₁₀	0.56	2.45			
		PM _{2.5}	0.56	2.45			

Major NSR Summary Table

Permits Numbers: Number 751 and PSDTX987					Issuance Date: 6/6/2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.
		VOC	0.40	1.77			
35-HR-11	HR-I Short Stack	NOx	23.10	16.17	5, 6, 12, 15	5, 6, 12, 13, 14, 15, 25	5, 12, 15
		SO ₂ (PSD)	1.18	0.82			
		CO	6.93	4.85			
		PM	0.63	0.44			
		PM ₁₀	0.63	0.44			
		PM _{2.5}	0.63	0.44			
		VOC	0.45	0.32			
36-HR-11	HR-II Short Stack	NOx	23.10	16.17	5, 6, 12, 15	5, 6, 12, 13, 14, 15, 25	5, 12, 15
		SO ₂ (PSD)	1.18	0.82			
		CO	6.93	4.85			
		PM	0.63	0.44			
		PM ₁₀	0.63	0.44			
		PM _{2.5}	0.63	0.44			
		VOC	0.45	0.32			
38-HR-11	HR-III Short Stack	NOx	15.68	10.97	5, 6, 12, 15	5, 6, 12, 13, 14, 15, 25	5, 12, 15
		SO ₂ (PSD)	1.18	0.82			
		CO	6.93	4.85			
		PM	0.63	0.44			
		PM ₁₀	0.63	0.44			
		PM _{2.5}	0.63	0.44			

Major NSR Summary Table

Permits Numbers: Number 751 and PSDTX987					Issuance Date: 6/6/2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.
		VOC	0.45	0.32			
HR-8	HR Davy Stack	H ₂ SO ₄ (PSD)	16.36	57.31	5, 11, 15, 17, 18	5, 11, 13, 15, 16, 17, 18, 25	5, 11, 15
		NO _x	65.89	226.15			
		SO ₂ (PSD)	434.90	1769.60			
		CO	1.01	3.54			
		PM	23.55	77.46			
		PM ₁₀	23.55	77.46			
		PM _{2.5}	23.55	77.46			
		VOC	11.78	25.38			
96631	H ₂ SO ₄ Tank 96631	H ₂ SO ₄ (PSD)	<0.01	<0.01	5	5, 25	5
96632	H ₂ SO ₄ Tank 96632	H ₂ SO ₄ (PSD)	<0.01	<0.01	5	5, 25	5
35630	Primene Salt Tank	NH ₃	0.19	0.06			
HR_MSSTK	Fixed Roof Tank MSS	H ₂ SO ₄	0.02	<0.01	18, 19	18, 19, 23, 25	
HR_MSSPH	Pump and Heat Exchanger MSS	VOC	<0.01	<0.01	18	18, 22, 25	
		SO ₂	0.09	<0.01			
		H ₂ SO ₄	0.02	<0.01			
HR_DEGAS	Process Openings for MSS	VOC	2.67	<0.01	17, 18	17, 18, 25	
		SO ₂	3.58	0.01			
		H ₂ SO ₄	<0.01	<0.01			

Major NSR Summary Table

Permits Numbers: Number 751 and PSDTX987					Issuance Date: 6/6/2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.
HR_MISCMSS (5)	Miscellaneous Maintenance Activities	VOC	0.65	<0.01	17, 18	17, 18, 22, 24, 25	
		SO ₂ (5)	1.73	0.01			
		H ₂ SO ₄	<0.01	<0.01			
		PM	0.01	<0.01			
		PM ₁₀	0.01	<0.01			
		PM _{2.5}	0.01	<0.01			
HR_BAGHSE	Catalyst Replacement MSS	PM	0.22	0.02	20	20, 21, 25	
		PM ₁₀	0.22	0.02			
		PM _{2.5}	0.22	0.02			

- (1) Emission point identification – either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC – volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 NO_x – total oxides of nitrogen
 PM – total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
 PM₁₀ – particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}
 PM_{2.5} – particulate matter equal to or less than 2.5 microns in diameter
 CO – carbon monoxide
 H₂SO₄ – sulfuric acid
 NH₃ – ammonia
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Miscellaneous Maintenance Activities (EPN HR_MISCMSS) includes emissions of inherently low emitting activities identified in the Special Conditions with 0.03 lbs SO₂ emissions assumed to occur in any hour evaluated and 0.001 tons of SO₂ emissions assumed in any 12-month period evaluated.

Texas Commission on Environmental Quality

Title V Existing

1583

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	B-3/HR PROCESS AREA
Does the site have a physical address?	Yes
Physical Address	
Number and Street	1900 TIDAL RD
City	DEER PARK
State	TX
ZIP	77536
County	HARRIS
Latitude (N) (##.#####)	29.73
Longitude (W) (-###.#####)	95.102777
Primary SIC Code	2869
Secondary SIC Code	
Primary NAICS Code	325199
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100223205
What is the name of the Regulated Entity (RE)?	ROHM AND HAAS TEXAS DEER PARK PLANT
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	1900 TIDAL RD
City	DEER PARK
State	TX
ZIP	77536
County	HARRIS
Latitude (N) (##.#####)	29.688055
Longitude (W) (-###.#####)	-95.103611
Facility NAICS Code	
What is the primary business of this entity?	Production of acrylic and methacrylic monomers

Customer (Applicant) Information

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

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

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	THE DOW CHEMICAL COMPANY
Prefix	MS
First	JOANNE
Middle	
Last	SEKELLA
Suffix	
Credentials	
Title	VICE PRESIDENT
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 1000
Routing (such as Mail Code, Dept., or Attn:)	
City	DEER PARK
State	TX
ZIP	77536
Phone (###-###-####)	2812282238
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	2812283540
E-mail	fhubehs@dow.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

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

Mailing Address (include Suite or Bldg. here, if applicable)	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 (###-###-####)	9792358116
E-mail	FHUBEHS@DOW.COM

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

New Contact

Organization Name

The Dow Chemical Company

Prefix

MRS

First

Crystal

Middle

Last

Schmidt

Suffix

Credentials

Title

Air Permit Manager

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

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

332 SH 332 E

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

City

Lake Jackson

State

TX

ZIP

77566

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

9792381742

Extension

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

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

E-mail

cschmidt6@dow.com

Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

29 Deg 43 Min 48 Sec

3) Permit Longitude Coordinate:

95 Deg 6 Min 10 Sec

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

New Application

4.1. What type of permitting action are you applying for?

Renewal

4.1.1. Are there any permits that should be voided upon issuance of this permit application

No

through permit conversion?

4.1.2. Are there any permits that should be voided upon issuance of this permit application through permit consolidation?

No

5) Who will electronically sign this Title V application?

Duly Authorized Representative

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

No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name

02-03-2025_O1583_Renewal.pdf

Hash

6CB13071004028EAB42B5DD4F21CEE6AAA32A133ACEB4AFafa5090920E276139

MIME-Type

application/pdf

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

Expedite Title V

1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application?

No

Certification

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

1. I am Fran Q Falcon, the owner of the STEERS account ER028176.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 1583.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Fran Q Falcon OWNER OPERATOR

Account Number:	ER028176
Signature IP Address:	170.85.99.3
Signature Date:	2025-02-03
Signature Hash:	47028DDAF3697FA5C70F77C16A06E50F53CC1EEEEAEF487D89AB53CE34D67B713
Form Hash Code at time of Signature:	F18937139B16543B6281BFB501AB421CD72429CA5B8D127E587EBE8B175774BD

Submission

Reference Number:	The application reference number is 753039
Submitted by:	The application was submitted by ER028176/Fran Q Falcon
Submitted Timestamp:	The application was submitted on 2025-02-03 at 21:30:48 CST
Submitted From:	The application was submitted from IP address 170.85.99.3
Confirmation Number:	The confirmation number is 625694
Steers Version:	The STEERS version is 6.86
Permit Number:	The permit number is 1583

Additional Information

Application Creator: This account was created by Crystal Schmidt