From: Richardson, Gail
To: Rosa Mora-Nichols

Cc: Kazlauskas, Valerie L.; Shuemaker, Stephanie; Radosta, Rebecca W.; Linda Williams

Subject: RE: [External] RE: Updated Information Needed Project 37902, Permit 1249, Air Products, LLC

Date: Tuesday, April 1, 2025 1:30:31 PM
Attachments: 202402 LaPorte OP-DEL Rohrbach.pdf

Please see attached.

Gail Richardson

Sr. Principle Environmental Engineer

Supporting: Air Products La Porte, Houston, Pipline, Port Neches and Port Arthur,

TX Sites

(45551)

Richarg4@airproducts.com

Work Call 1st: (281) 478-3163

Cell: (409) 782-0014

tell me more airproducts.com



Make it safe. Make it personal. Make it home.



From: Rosa Mora-Nichols <rosa.mora-nichols@tceq.texas.gov>

Sent: Tuesday, April 1, 2025 1:22 PM

To: Richardson, Gail < RICHARG4@airproducts.com>

Cc: Kazlauskas, Valerie L. < KAZLAUVL@airproducts.com>; Shuemaker, Stephanie

<ROHRBAS1@airproducts.com>; Radosta,Rebecca W. <WHALEYRM@airproducts.com>

Subject: [External] RE: Updated Information Needed Project 37902, Permit 1249, Air Products, LLC

Importance: High

This email is from an external source. Please exercise caution in opening attachments or links.

Hello, Mrs. Richardson,

Please complete the effective date in the OP-DEL Form.

Thank you,

Rosa Mora-Nichols

From: Richardson, Gail < <u>RICHARG4@airproducts.com</u>>

Sent: Tuesday, April 1, 2025 7:24 AM

To: Rosa Mora-Nichols < rosa.mora-nichols@tceq.texas.gov>

Cc: Kazlauskas, Valerie L. < <u>KAZLAUVL@airproducts.com</u>>; Shuemaker, Stephanie

W. < WHALEYRM@airproducts.com >

Subject: Updated Information Needed Project 37902, Permit 1249, Air Products, LLC

Importance: High

Ms. Mora-Nichols,

I am responding to the email you sent March 31, 2025 to Enrique Millan Salinas. Attached is the OP-DEL form for Stephanie Rohrbach appointed DAR for the Air Products La Porte site in 2024. Additionally, later in the year Ms. Rohrbach married, and we submitted an OP-CRO2 for the administrative change in her last name. Please reach out if there is anything I can help you resolve for our Title V Air Permit application to move forward.

Gail Richardson

Sr. Principle Environmental Engineer

Supporting: Air Products La Porte, Houston, Pipline, Port Neches and Port Arthur, TX Sites

Richarg4@airproducts.com

Work Call 1st: (281) 478-3163

Cell: (409) 782-0014

tell me more airproducts.com

(45551)



Make it safe. Make it personal. Make it home.



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

A Responsible Official (RO) may choose to delegate signature authority to a Duly Authorized Representative (DAR). Such delegation may be made to an individual that has responsibility for the overall operation of one or more manufacturing, production, or operating facilities applying for, or subject to, a federal operating permit. Send this completed form to the TCEQ Central Office to the attention of the Air Permits Division. Signature stamps can be accepted in place of an original signature. Faxes, photocopies, and electronic submittals can be accepted in place of an original Form OP-DEL; however, a follow-up submittal of the original Form OP-DEL is requested

I. Identifying Information				
Account No.: HG-0010-N	RN: RN102041282		CN: CN602299257	
Permit No.: O-1249	Area Name: AIR	PRODUCTS LA PO	ORTE PLANT	
Company Name: AIR PRODUCTS LLC	·			
II. Duly Authorized Representative In	ıformation			
Action Type: New DAR Identifica	ntion	Administ	rative Information Change	
Conventional Title: (Mr. Mrs. Mrs. M	ſs. 🗌 Dr.)			
Name: STEPHANIE ROHRBACH				
Title: OPERATIONS AREA MANAGER		Delegation Effective	ve Date: 2/8/2024	
Telephone No.: 225-399-6181		Fax No.: 281-478-		
Company Name: AIR PRODUCTS LLC				
Mailing Address: 10202 STRANG RD.				
City: LA PORTE		State: TX	ZIP Code: 77571	
E-mail Address: ROHRBAS1@AIRPRODU	ICTS.COM			
III. Certification of Truth, Accuracy, a	nd Completenes	S		
I,	nrique Millan		certify that, based on	
(Name printed or typed: RO for New DAR Identi	fication; RO or DAR	for Administrative Infor		
information and belief formed after reasonable inquiry, the statements, and information stated above are true, accurate,				
and complete. (RO signature required for New DAR Identification only; DAR signature required for any Action Type)				
Responsible Official Signature: Eng Mill Date: 28 2024				
Duly Authorized Representative Signature: Styphani Robolah Date: 4/29/2024				
IV. Removal of Duly Authorized Representative(s)				
The following should be removed as Duly Authorized Representative(s): Jason Clark Effective Date: 4/29/2024				
(Name(s) prin	ited or typed)		Effective Date. 172 [7 202	
	sparie Rol	dah	Date: 4/29/2024	

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

A Responsible Official (RO) may choose to delegate signature authority to a Duly Authorized Representative (DAR). Such delegation may be made to an individual that has responsibility for the overall operation of one or more manufacturing, production, or operating facilities applying for, or subject to, a federal operating permit. Send this completed form to the TCEQ Central Office to the attention of the Air Permits Division. Signature stamps can be accepted in place of an original signature. Faxes, photocopies, and electronic submittals can be accepted in place of an original Form OP-DEL; however, a follow-up submittal of the original Form OP-DEL is requested

I. Identifying Information				
Account No.: HG-0010-N	RN: RN102041	282	CN: CN602	299257
Permit No.: O-1249	Area Name: AIF	R PRODUCTS LA F	PORTE PLAN	Γ
Company Name: AIR PRODUCTS LLC				
II. Duly Authorized Representative I	nformation			
Action Type: New DAR Identific	ation	Adminis	strative Inform	nation Change
Conventional Title: (Mr. Mrs. X	Ms. Dr.)			
Name: STEPHANIE ROHRBACH				
Title: OPERATIONS AREA MANAGER		Delegation Effect	ive Date:	
Telephone No.: 225-399-6181		Fax No.: 281-478	3-3042	
Company Name: AIR PRODUCTS LLC	· ·			
Mailing Address: 10202 STRANG RD.				
City: LA PORTE		State: TX	ZIP (Code: 77571
E-mail Address: ROHRBAS1@AIRPROD	UCTS.COM			
III. Certification of Truth, Accuracy,	and Completenes	SS		
I,	Enrique Millan			certify that, based on
(Name printed or typed: RO for New DAR Iden	ntification; RO or DAF	R for Administrative Inj	formation Change	_ · · · ·
information and belief formed after reason and complete. (RO signature required for New D	nable inquiry, the so	statements, and info	ormation stated	d above are true, accurate,
IV. Removal of Duly Authorized Repr				
The following should be removed as Duly Jason Clark		esentative(s):	Effe	ective Date: 4/29/2024
(Name(s) pr Responsible Official Signature:	rinted or typed) phave Rol	rdah		Date: 4/29/2024

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

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

I. Identifying Information
Account Number: HG-0010-N
Regulated Entity Number: RN102041282
Customer Reference Number: CN602299257
Permit Number: O - 1249
Area Name: AIR PRODUCTS LA PORTE PLANT
Company: AIR PRODUCTS LLC
II. Change Type
Action Type:
☐ New Appointment
Administrative Information Change
Contact Type (only one response accepted per form):
Responsible Official
Designated Representative (Acid Rain Program and/or CSAPR sources only) Alternate Designated
Representative (Acid Rain Program and/or CSAPR sources only)

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

III. Responsible Official/Designated Representative/Alternate Designated Representative Information	A.D.
Conventional Title:	OH
☐ Mr.	
Mrs.)	
Ms. (S)	
\square Dr.	
Name (Driver's License/STEERS): Stephanie Shuemaker, TDL# 41619705, STEERS # ER095	989
Title: OPERATIONS AREA MANAGER	101
Appointment Effective Date: 02/08/2024	
Telephone Number: 225-399-6181	
Fax Number: 281-478-3042	
Company Name: AIR PRODUCTS LLC	
Mailing Address: 10202 STRANG RD.	
City: LA PORTE	
State: TEXAS	
ZIP Code: 77571	
mail Address: ROHRBAS1@AIRPRODUCTS.COM	

From: <u>eNotice TCEQ</u>

To: <u>mayes.middleton@senate.texas.gov</u>; <u>Briscoe.cain@house.texas.gov</u>

Subject:TCEQ Notice - Permit Number O1249Date:Monday, March 31, 2025 9:54:03 PMAttachments:TCEQ Notice - O1249 37902.pdf

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

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

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

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

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

March 31, 2025

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

Re: Accepted Federal Operating Permit Renewal Application

Project Number: 37902 Permit Number: O1249 Air Products LLC La Porte Texas Facility La Porte, Harris County

Regulated Entity Number: RN102041282 Customer Reference Number: CN602299257

Dear Senator Middleton:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.071666,29.703055&level=13.

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

The Honorable Mayes Middleton Page 2 March 31, 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,

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 31, 2025

THE HONORABLE BRISCOE CAIN TEXAS HOUSE OF REPRESENTATIVES PO BOX 2910 AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Renewal Application

Project Number: 37902 Permit Number: O1249 Air Products LLC La Porte Texas Facility La Porte, Harris County

Regulated Entity Number: RN102041282 Customer Reference Number: CN602299257

Dear Representative Cain:

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=-95.071666,29.703055&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,

Samuel Short, Deputy Director Air Permits Division

Office of Air

Texas Commission on Environmental Quality

10202 Strang Rd



Congressman Brian Babin

U.S. Congressional District 36

Representative Briscoe Cain

Texas House District 128

Senator Mayes Middleton

Texas Senate District 11

Ms. Audrey Young

State Board of Education District 8

Senator John Cornyn

U.S. Senate

Senator Ted Cruz

U.S. Senate

TEXAS STATE OF THE PROPERTY OF

LOGOUT (/LOGOUT/)





Search the Directory

Search

Sen. Mayes Middleton (R)

Last modified on: 01-11-2025 21:13:35

TX Senator (Texas Senate (/online/txsenate/))

Entered Office: 01-10-2023

Term Ends: 01-2027

District: 11

➡ Back to Texas Senate (/online/txsenate/)

General Information

Profession: President & CEO of Middleton Oil Company

Home Town: Galveston Birthdate: 09-18-1981

Spouse: Macy

Download vCard (/online/vcard/?id=62481&office=16692) (?

(/online/aboutvcards/))



♣ Add to Favorites (/online/add_favorite/? name=Sen. Mayes Middleton)

Personal Information

University of Texas at Austin, J.D.; University of Texas at Austin, B.A.

H-2019-2022: S-2023 to present.

Office Information

Dist. 11 - Brazoria (68%), Galveston (99%), Harris (7%)

Committees

Local Government-VC (/online/sencom/detail.php?id=305); Administration (/online/sencom/detail.php?id=297); Business & Commerce (/online/sencom/detail.php?id=298); Education K-16 (/online/sencom/detail.php?id=300); Jurisprudence (/online/sencom/detail.php?id=416); State Affairs (/online/sencom/detail.php?id=358)

Contact and Phone Numbers

Capitol Office:

E1.706

Capitol Phone: (512) 463-0111

© District Map (http://www.fyi.legis.texas.gov/fyiwebdocs/pdf/senate/dist11/m1.pdf)

■ mayes.middleton@senate.texas.gov (mailto:mayes.middleton@senate.texas.gov)

Brazoria County

6117 Broadway Street

Suite 104

Pearland, TX 77581

\((281) 485-9800

Galveston

2101 Mechanic Street, Suite 245

Galveston, TX 77550

Cell: (409) 621-5060

Baytown

825 Rollingbrook Drive

Suite B

Baytown, TX 77521

League City

174 Calder Road

Suite 900

League City, TX 77573

(281) 332-1000

Staff

Office	Office Holder	Phone / Fax
Chief of Staff	Andrew Herrell (/online/person/? id=69774&staff=10260)	(512) 463-0111
Legislative Director	Kaleb Bennett (/online/person/? id=69965&staff=10439)	(512) 463-0111
District Director	Stephanie Tanner (/online/person/? id=69966&staff=10440)	(512) 463-0111
Director of Operations	Ryan Caruso (/online/person/? id=70007&staff=10480)	(512) 463-0111
Legislative Aide	Lindy Ochoa (/online/person/? id=72457&staff=11224)	(512) 463-0111

Other Offices Held

TX Senator (?id=62481&office=20321) (Sunset Advisory Commission (/online/abc/detail.php?id=231))

Amado Abascal (State District Judge) (/online/search/? tosearch=Amado+Abascal+%28State+District+Judge%29&searchcat=1) Rick Carmona (Mayor) (/online/search/?tosearch=Rick+Carmona+%28Mayor%29&searchcat=1) Trey Wharton (TX House Representative) (/online/search/?tosearch=Trey+Wharton+%28TX+House+Representative%29&searchcat=1)

My Favorites (/online/favorites/)

Cities (/online/city/?page=35)

Cities (/online/city/)

Counties (/online/county/?aid=m)

Helpful Links

Find My Incumbent (http://www.fyi.legis.state.tx.us/)

Capitol Maps (https://tspb.texas.gov/plan/maps/maps.html)

Bill Filings (http://www.legis.state.tx.us/)

Bill Search (http://www.legis.state.tx.us/Search/BillSearch.aspx)

Texas at Your Fingertips (https://texas.gov/)

State Symbols (https://www.thestoryoftexas.com/education/texas-symbols)

Governor Appointment (https://gov.texas.gov/news/category/appointment)

Addressing Procedures (https://lrl.texas.gov/genInfo/ContactLeg.cfm)

TEXAS STATE OF THE PROPERTY OF

Since 1935 the Texas State Directory has been a trusted resource and has been referred to as the bible for anyone working in or wanting to learn about state, city and county government.

Recent Searches

AMADO ABASCAL (STATE DISTRICT JUDGE) (/ONLINE/SEARCH/?
TOSEARCH=AMADO+ABASCAL+%28STATE+DISTRICT+JUDGE%29&SEARCHCAT=1)

RICK CARMONA (MAYOR) (/ONLINE/SEARCH/?TOSEARCH=RICK+CARMONA+%28MAYOR%29&SEARCHCAT=1)

TREY WHARTON (TX HOUSE REPRESENTATIVE) (/ONLINE/SEARCH/?

TOSEARCH=TREY+WHARTON+%28TX+HOUSE+REPRESENTATIVE%29&SEARCHCAT=1)

CALHOUN (/ONLINE/SEARCH/?TOSEARCH=CALHOUN&SEARCHCAT=1)

RODNEY ALEXANDER (MAYOR) (/ONLINE/SEARCH/?TOSEARCH=RODNEY+ALEXANDER+%28MAYOR%29&SEARCHCAT=1)

Useful Links

FIND MY INCUMBENT (HTTP://WWW.FYI.LEGIS.STATE.TX.US/)	>
CAPITOL MAPS (HTTPS://TSPB.TEXAS.GOV/PLAN/MAPS/MAPS.HTML)	>
BILL FILINGS (HTTP://WWW.LEGIS.STATE.TX.US/)	>
BILL SEARCH (HTTP://WWW.LEGIS.STATE.TX.US/SEARCH/BILLSEARCH.ASPX)	>
TEXAS AT YOUR FINGERTIPS (HTTPS://TEXAS.GOV/)	>
STATE SYMBOLS (HTTP://WWW.LEGIS.STATE.TX.US/RESOURCES/STATESYMBOLS.ASPX)	>
GOVERNOR APPOINTMENT (HTTPS://GOV.TEXAS.GOV/NEWS/CATEGORY/APPOINTMENT)	>

Contact Us

Texas State Directory Press 1800 Nueces St. Austin, Texas 78701

(512) 473-2447

 ■ Contact Us (/contact/)

2025 © All Rights Reserved. Privacy Policy (/privacy/) | Terms of Service (/terms/)

f (https://www.facebook.com/Texas-State-Directory-142890752404984/) **y** (https://twitter.com/TSDPress)

TEXAS STATE DIRECTORY

LOGOUT (/LOGOUT/)





Search the Directory

Search

Rep. Briscoe Cain (R)

Last modified on: 01-10-2025 22:03:57

TX House Representative (Texas House of Representatives (/online/txhouse/))

Entered Office: 01-10-2017

District: 128

➡ Back to Texas House of Representatives (/online/txhouse/)

General Information

Profession: Attorney Home Town: Houston Birthdate: 12-09-1984 Spouse: Bergundi

Download vCard (/online/vcard/?id=56287&office=16856) (?

(/online/aboutvcards/))



♣ Add to Favorites (/online/add_favorite/? name=Rep. Briscoe Cain)

Personal Information

BA-University of Houston; JD-South Texas College of Law

H-2017-present

Office Information

Dist. 128 - Harris (4%)

Sens. Alvarado, Creighton, Middleton

Committees

Agriculture & Livestock (/online/housecom/detail.php?id=255); Delivery of Government Efficiency (/online/housecom/detail.php?id=563)

Contact and Phone Numbers

Capitol Office:

E1.320

Capitol Phone: (512) 463-0733

District Map (http://www.fyi.legis.state.tx.us/fyiwebdocs/PDF/house/dist128/m1.pdf)

☑ Zip Codes Within The District (https://fyi.capitol.texas.gov/fyiwebdocs/PDF/house/dist128/r9.pdf)

➡ briscoe.cain@house.texas.gov (mailto:briscoe.cain@house.texas.gov)

Staff

Office	Office Holder	Phone / Fax
Chief of Staff	Justin Williamson (/online/person/? id=57351&staff=8028)	(512) 463-0733
District Director	Adrienne Sun (/online/person/? id=57352&staff=8029)	(218) 420-1588
Legislative Aide	Alexander Chapa (/online/person/? id=69761&staff=10249)	(512) 463-0733

Secont Searches

Amado Abascal (State District Judge) (/online/search/? tosearch=Amado+Abascal+%28State+District+Judge%29&searchcat=1)

Rick Carmona (Mayor) (/online/search/?tosearch=Rick+Carmona+%28Mayor%29&searchcat=1)

Trey Wharton (TX House Representative) (/online/search/? tosearch=Trey+Wharton+%28TX+House+Representative%29&searchcat=1)

My Favorites (/online/favorites/)

Cities (/online/city/?page=35)

Cities (/online/city/)

Counties (/online/county/?aid=m)

Helpful Links

Find My Incumbent (http://www.fyi.legis.state.tx.us/)

Capitol Maps (https://tspb.texas.gov/plan/maps/maps.html)

Bill Filings (http://www.legis.state.tx.us/)

Bill Search (http://www.legis.state.tx.us/Search/BillSearch.aspx)

Texas at Your Fingertips (https://texas.gov/)

State Symbols (https://www.thestoryoftexas.com/education/texas-symbols)

Governor Appointment (https://gov.texas.gov/news/category/appointment)

Addressing Procedures (https://lrl.texas.gov/genInfo/ContactLeg.cfm)

TEXAS STATE OF THE PROPERTY OF

Since 1935 the Texas State Directory has been a trusted resource and has been referred to as the bible for anyone working in or wanting to learn about state, city and county government.

Recent Searches

AMADO ABASCAL (STATE DISTRICT JUDGE) (/ONLINE/SEARCH/?
TOSEARCH=AMADO+ABASCAL+%28STATE+DISTRICT+JUDGE%29&SEARCHCAT=1)

RICK CARMONA (MAYOR) (/ONLINE/SEARCH/?TOSEARCH=RICK+CARMONA+%28MAYOR%29&SEARCHCAT=1)

TREY WHARTON (TX HOUSE REPRESENTATIVE) (/ONLINE/SEARCH/?
TOSEARCH=TREY+WHARTON+%28TX+HOUSE+REPRESENTATIVE%29&SEARCHCAT=1)

CALHOUN (/ONLINE/SEARCH/?TOSEARCH=CALHOUN&SEARCHCAT=1)

RODNEY ALEXANDER (MAYOR) (/ONLINE/SEARCH/?TOSEARCH=RODNEY+ALEXANDER+%28MAYOR%29&SEARCHCAT=1)

Useful Links

FIND MY INCUMBENT (HTTP://WWW.FYI.LEGIS.STATE.TX.US/)	>
CAPITOL MAPS (HTTPS://TSPB.TEXAS.GOV/PLAN/MAPS/MAPS.HTML)	>
BILL FILINGS (HTTP://WWW.LEGIS.STATE.TX.US/)	>
BILL SEARCH (HTTP://WWW.LEGIS.STATE.TX.US/SEARCH/BILLSEARCH.ASPX)	>
TEXAS AT YOUR FINGERTIPS (HTTPS://TEXAS.GOV/)	>
STATE SYMBOLS (HTTP://WWW.LEGIS.STATE.TX.US/RESOURCES/STATESYMBOLS.ASPX)	>
GOVERNOR APPOINTMENT (HTTPS://GOV.TEXAS.GOV/NEWS/CATEGORY/APPOINTMENT)	

Contact Us

Texas State Directory Press 1800 Nueces St. Austin, Texas 78701

(512) 473-2447

 ■ Contact Us (/contact/)

2025 © All Rights Reserved. Privacy Policy (/privacy/) | Terms of Service (/terms/)

f (https://www.facebook.com/Texas-State-Directory-142890752404984/) **y** (https://twitter.com/TSDPress)

libraries.org

A directory of libraries throughout the world

- Home »
- Libraries »
- Guides
- Documents
- Vendors »
- Products »
- News
- Procurement
- Member Login »

search:

La Porte Branch Library

Harris County, TX

Address: 600 South Broadway

La Porte, Texas 77571-5498 United States

County: Harris

Region: Houston Area

Phone: 281-471-4022

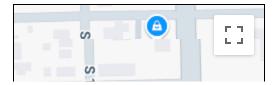
Connect to: Library Web Site ✓ Online Catalog

Library details: La Porte Branch Library is a **Public** library.

This library is affiliated with Harris County Public Library (view map) . The



La Porte Branch Library



collection of the library contains 79,498 volumes. The library circulates 187,171 items per year.

Permalink: https://librarytechnology.org/library/24350

(Use this link to refer back to this listing.)

Organizational structure: This is a publicly funded and managed library.

See also: Directory of Public Libraries in the United States

See also: Directory of Public Libraries in Texas

Collection size	79,498	volumes
Annual Circulation	187,171	transactions

Wireless: The library offers wireless access to the Internet.

Technology Profile		
	Product Name	Year Contracted
Current Automation System	Symphony	2015
Previous Automation System	Horizon	2001
Previous Automation System	Dynix	1994
Previous Automation System	Carl	1990
Previous Automation System	UTLAS	1985
Discovery Interface	BiblioCore	2022
Previous Discovery Interface	Enterprise	2015
Web Content Management	BiblioWeb	
The library participates in the shared automation system provided by the Harmonic		

View Privacy and Security Report

Consortium (view map)

Automation Survey: We are conducting a study on the automation systems used in libraries. This survey should be completed by a person familiar with your libraries use of



map location√

Related Libraries

- Other members of Harmonic Consortium
- Libraries located in La Porte (Texas)
- · Libraries located in Harris county (Texas)
- View map of libraries in Harris County
- · all Public libs in Texas
- United States
- Automation systems in Texas

About libraries.org

libraries.org is a free directory of libraries throughout the world.

This directory is a component of **Library Technology Guides.**

This entry is from the **Directory of Public** Libraries in the United States.

This entry is from the **Directory of Public** Libraries in Texas

Please contact Marshall Breeding to report corrections about information listed for this

library.

Symphony.

Respond to the 2024 Library Automation Perceptions Survey

Identifiers		
libraries.org ID	24350	
OCLC Symbol	#ht	
NCES FSCSKEY	TX0101	
NCES LIBID	190.186	

Record History: This listing was created on Oct 6, 2005 and was last modified on Mar 26, 2023.

Updates: Corrections or Updates? Registered members of Library Technology Guides can submit updates to library listings in libraries.org. **Registration** is free and easy. Already registered? **login**. Or, you can report corrections just by sending a message to **Marshall Breeding**.

libraries.org

Update this Entry

Library Technology Guides

Maintained by Marshall Breeding

terms of service

Copyright 1994-2024



Air Products LLC 10202 Strang Rd. La Porte, Texas 77571

March 6, 2025

STEERS Submittal

Air Permit Initial Review Team (APIRT) MC-161 Texas Commission on Environmental Quality P.O. Box 13087 Austin, TX 78711-3087

AIR PRODUCTS LLC CN602299257 LA PORTE TEXAS FACILITY RN102041282 ACCOUNT NO.: HG-0010-N SITE OPERATING PERMIT O1249 RENEWAL

Dear APIRT Team Leader:

Federal Operating Permit O1249 was effective on October 16, 2020. Air Products LLC (Air Products) is submitting a renewal application as required by 30 TAC §122.241(b). With this renewal, Air Products is requesting to incorporate the new hydrogen/carbon monoxide (HyCO) production plant at the existing La Porte, Texas facility, which will be referred to as the HyCO4 Plant. TCEQ authorized an amendment to NSR Permit No. 21878 for construction of the HyCO4 Plant on March 18, 2022.

The following forms are included in this submittal as part of the permit application:

- General Administrative Forms (OP-1, OP-2, OP-CRO1, OP-SUMR)
- Unit Attribute Forms (OP-UA2, OP-UA3, OP-UA4, OP-UA5, OP-UA6, OP-UA7, OP-UA13, OP-UA15)
- Applicable Requirement Forms (OP-REQ1, OP-REQ2, OP-REQ3, OP-PBRSUP)
- Compliance Certification Forms (OP-MON, OP-ACPS)

For future correspondence or questions, please contact Gail Richardson at (281) 478-3163 or via e-mail at richarg4@airproducts.com.

Sincerely,

Gail Richardson

Gail Richardson Sr. Principle Environmental Engineer Air Products LLC North America Industrial Gases Environmental Team

XC:	EPA Region VI Administrator (6PD-R)	R6AirPermitsTX@epa.gov
	TCEQ, Region XII Air Section Manager	R12apdmail@tceq.texas.gov 5425 Polk St, Suite H Houston, TX 77023-1452
	Harris County Pollution Control Services Director	101 S. Richey St, Suite H Pasadena, Texas 77506-1023

Air Products LLC Permit O1249 La Porte Texas Facility Site Operating Permit Renewal Application March 6, 2025

TABLE OF CONTENTS

SECTION A: INTRODUCTION	A-1
SECTION B: GENERAL ADMINISTRATIVE FORMS	B-1
SECTION C: UNIT ATTRIBUTE FORMS	C-1
SECTION D: APPLICABILITY IDENTIFICATION FORMS	D-1
SECTION E: COMPLIANCE CERTIFICATION FORMS	F-1

SECTION A: Introduction

Introduction

This document constitutes an application to renew Federal Operating Permit No. O1249. With this renewal, Air Products is requesting to incorporate the new Hydrogen and Carbon Monoxide (HyCO) production plant (referred to as the HyCO4 Plant), which will produce hydrogen, carbon monoxide, and steam for export to another facility. The HyCO4 plant is located at the existing La Porte Texas Facility in La Porte, Texas. The site is subject to Title V permitting requirements per 40 CFR Part 70 and 30 TAC §122.241(b).

Facility Information

The HyCO4 Plant is contained within the La Porte Texas Facility located at 10202 Strang Road, La Porte, Harris County, Texas. Harris County is classified as a severe nonattainment area for ozone (2008 standard) and an attainment area for all other criteria pollutants. The Texas Commission on Environmental Quality (TCEQ) Account Number of this facility is HG-0010-N.

Permit Area Process Description

The following operations are conducted at the La Porte Facility: an Air Separation Unit (ASU), a Partial Oxidation (HyCO-3 POX) unit, a Hydrogen & Carbon Monoxide Production Process (HyCO4) and a Distribution Terminal.

ASU

The three ASUs currently operating produce gaseous oxygen (GOX), liquid oxygen (LOX), gaseous nitrogen (GAN), liquid nitrogen (LIN), crude argon (CAR), and pure argon (PAR), via the large-scale compression and cryogenic distillation of ambient air in three individual production units. The process is one of physical separation, rather than chemical change. After separation of the product gases, the balance of the ambient air constituents is returned to the atmosphere. The La Porte Facility ASU area currently has one combustion source, for vaporizing liquid oxygen (LOX) to meet customer demands. In addition to the LOX vaporizer, the ancillary equipment such as emergency generators, ambient vaporizers for liquid nitrogen, and two water separator units are located in the ASU area of the facility.

HvCO3

At the HYCO-3 POX unit, natural gas and oxygen are reacted in a partial oxidation reaction to produce carbon monoxide and hydrogen products. The unit produces about 26.5 MMSCFD of carbon monoxide, 50.9 MMSCFD of hydrogen product, and 5 MMSCFD of Syngas (combination of H2 and CO). The carbon monoxide and hydrogen are delivered via pipeline to various off-site customers. The unit has turndown capabilities for operation at less than maximum production. The unit operation consists of synthesis gas generation through a non-catalytic, partial oxidation reactor (POX), a carbon removal system using a water wash, and CO2 removal process using monoethanolamine (MEA) absorption, cryogenic separation of the CO and H2, and finally a Pressure Swing Adsorption (PSA) unit for final H2 purification.

HyCO4

The hydrogen and carbon monoxide production process consists of multiple basic processing steps: (1) feed gas hydrodesulfurization, (2) pre-reforming, (3) Auto thermal reforming, (4) CO purification and (5) hydrogen purification.

The reforming of methane process mixes natural gas, carbon dioxide, and optionally steam into a mixed feed. This mixed feed, if a minimum amount of steam is included, may optionally be fed to a pre-reformer.

This stream is then fed to an autothermal reactor (ATR) where it contacts a second stream consisting of oxygen and steam and reacts via partial oxidation and combustion. The high-temperature partially reacted gas then passes through a catalyst bed to react the remaining natural gas and approach equilibrium.

After the process gas passes through the catalyst bed, the CO2 must be removed and the CO and H2 separated and purified. The gas is cooled, and the excess steam is condensed in a phase separator vessel. Next the process gas is contacted with BASF OASE® white solution to absorb the CO2. The gas can then be fed to a cold box that separates the feed into a pure CO product, a crude hydrogen product, and a fuel gas product. The fuel gas product is burned in a fired heater to preheat the feed and superheat steam for export. The crude hydrogen product is fed to a set of Pressure Swing Adsorber vessels that separate the gas into a pure hydrogen product and a residual gas that is recycled to the cold box.

The CO2-enriched OASE® white is heated and fed through to a stripper where the CO2 is desorbed. The CO2-lean OASE® white solution is returned to the absorber.

The liquid removed from the process gas is known as process condensate. This condensate is mixed with additional water needed to feed the process and absorb waste heat to be exported to the customer. A small portion of this mixed stream is vented from a deaerator. Any volatile components present in the condensate are emitted to the atmosphere there.

The steam system will use a combination of steam condensate, fresh demin water, and process condensate as make up water to the steam system.

The total combined make up water to the steam system is preheated and fed to a deaerator to thermally strip out dissolved gases using steam. The dissolved gases, stripping steam, and low levels of ammonia, organic acids, methanol, and ethanol are discharged to atmosphere (EPN DV).

The deaerated water is preheated and fed to the steam drum. Accumulation of impurities in the steam drum is controlled by removing a small portion of the water from the drum (boiler blowdown). This boiler blowdown stream is cooled and then flashed to atmospheric pressure which releases a small amount of impurities to the atmosphere (EPN BLRBD).

The amount of ammonia, organic acids, methanol, and ethanol in the deaerator vent and boiler blowdown is determined by: 1) process simulation of formation of these compounds over the catalysts, 2) process simulation of the steam system, and 3) operating data collected from similar HyCO plants.

Distribution Terminal

The Distribution Terminal is responsible for distributing trailer truck quantities of industrial gases throughout the Southwest. The facility consists of a garage and office building where maintenance is performed on the delivery vehicles. Sources with potentially applicable requirements include a water separator and storage tanks.

Hydrogen Liquefier

The Hydrogen (H2) Liquefier site includes production, storage and loading of liquid hydrogen. Hydrogen gas received from an off-site plant (LaPorte Hydrogen 3 Plant) is converted to liquid hydrogen using a cold box, heat exchangers, and regenerative adsorber system. The liquid hydrogen is then loaded into bulk trailers or stored in horizontal tanks. A cooling tower is used to supply non-contact cooling water to heat exchangers during the liquefaction process. Refrigeration is provided by a refrigeration system that uses nitrogen as the refrigerant.

SECTION B: General Administrative Forms

This Section contains the following forms:

OP-1 Site Information Summary

OP-2 Application for Permit Revision/Renewal

OP-CRO1 Certification by Responsible Official

OP-SUMR Individual Unit Summary for Revisions

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: Air Products LLC			
В.	Customer Reference Number (CN): CN602299257			
C.	Submittal Date (mm/dd/yyyy): March 6, 2025			
II.	Site Information			
A.	Site Name: La Porte Texas Facility			
В.	Regulated Entity Reference Number (RN): RN102041282			
C.	Indicate affected state(s) required to review permit application: (Check the appropriate box[es].)			
□ A	R CO KS LA NM OK N/A			
D.	D. Indicate all pollutants for which the site is a major source based on the site's potential to emit: (Check the appropriate box[es].)			
\square V	OC \square NO_X \square SO_2 \square PM_{10} \square CO \square Pb \square $HAPS$			
Other: GHG				
E.	Is the site a non-major source subject to the Federal Operating Permit Program?			
F.	Is the site within a local program area jurisdiction?			
G.	Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? ☐ Yes ☒ No			
H.	Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:			
III.	Permit Type			
A.	Type of Permit Requested: (Select only one response)			
\boxtimes s	ite Operating Permit (SOP)			

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

Texas Commission on Environmental Quality

IV.	Initial Application Information (Complete for Initial Issuance Applications Only.)			
A.	Is this submittal an abbreviated or a full application?	Abbreviated Full		
B.	If this is a full application, is the submittal a follow-up to an abbreviated application?	Yes No		
C.	If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit?	☐ Yes ☐ 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.)	?		
E.	Has the required Public Involvement Plan been included with this application?	Yes No		
V.	Confidential Information			
A.	Is confidential information submitted in conjunction with this application?	☐ Yes ⊠ No		
VI.	Responsible Official (RO) Identifying Information			
RO N	Name Prefix: (Mr. Mrs. Mrs. Dr.)			
RO F	Full Name: Enrique Millan Salinas			
RO Title: GM US HyCO Assets				
Employer Name: Air Products LLC				
Mailing Address: 16945 Northchase Drive				
City: Houston				
State: TX				
ZIP Code: 77060				
Territory:				
Country: USA				
Foreign Postal Code:				
Inter	nal Mail Code:			
Telephone No.: (281) 478-3190				
Fax I	No.:			
Emai	l: millane1@airproducts.com			

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

VII. Technical Contact Identifying Information (Complete if different from RO.)
Technical Contact Name Prefix: (Mr. Mrs. Mrs. Dr.)
Technical Contact Full Name: Gail Richardson
Technical Contact Title: Sr. Principle Environmental Engineer
Employer Name: Air Products
Mailing Address: 10202 Strang Road
City: La Porte
State: TX
ZIP Code: 77571
Territory:
Country: USA
Foreign Postal Code:
Internal Mail Code:
Telephone No.: (281) 478-3163
Fax No.:
Email: RICHARG4@airproducts.com
VIII. Reference Only Requirements (For reference only.)
A. State Senator: Mayes Middleton
B. State Representative: Briscoe Cain
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)?
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?
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)

IX.	Off-Site Permit Request (Optional for applicants requesting to hold the FOP and records at an off-site location.)
Α.	Office/Facility Name:
В.	Physical Address:
City:	
State:	
ZIP C	Code:
Territ	tory:
Coun	try:
Forei	gn Postal Code:
C.	Physical Location:
D.	Contact Name Prefix: (Mr. Mrs. Dr.)
Conta	act Full Name:
E.	Telephone No.:
X.	Application Area Information
A.	Area Name: La Porte Texas Facility
В.	Physical Address: 10202 Strang Rd
City:	La Porte
State:	TX
ZIP C	Code: 77571
C.	Physical Location:
D.	Nearest City:
Е.	State:
F.	ZIP Code:

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

X.	Application Area Information (continued)
G.	Latitude (nearest second): 29° 42' 06" N
H.	Longitude (nearest second): 95° 04' 17" W
I.	Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? Yes No
J.	Indicate the estimated number of emission units in the application area: 73
K.	Are there any emission units in the application area subject to the Acid Rain Program?
L.	Affected Source Plant Code (or ORIS/Facility Code):
XI.	Public Notice (Complete this section for SOP Applications and Acid Rain Permit Applications only.)
A.	Name of a public place to view application and draft permit: La Porte Public Library
В.	Physical Address: 600 South Broadway St.
City:	La Porte
ZIP	Code: 77571
C.	Contact Person (Someone who will answer questions from the public during the public notice period):
Cont	act Name Prefix: (Mr. Mrs. Ms. Dr.):
Cont	act Person Full Name: Gail Richardson
Cont	act Mailing Address: 10202 Strang Road
City:	La Porte
State	: TX
ZIP	Code: 77571
Terri	tory:
Cour	ntry: USA
Fore	ign Postal Code:
Inter	nal Mail Code:
Tele	phone No.: (281) 478-3163

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

XII. Delinquent Fees and Penalties
Notice: This form will not be processed until all delinquent fees and/or penalties owed to TCEQ or the Office of Attorney General on behalf of TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol."
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: Stephanie Shuemaker
DR Title: HyCO Area Manager
Employer Name: Air Products LLC
Mailing Address: 10202 Strang Road
City: La Porte
State: TX
ZIP Code: 77571
Territory:
Country: USA
Foreign Postal Code:
Internal Mail Code:
Telephone No.: (225) 399-6181
Fax No.:
Email: robrbas1@airproducts.com

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 7)

Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.
XIV. Alternate Designated Representative (ADR) Identifying Information
ADR Name Prefix: (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

III.	I. 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].)										
□ V(OC	\boxtimes NO _X	\square SO ₂	\square PM ₁₀	⊠ co	Pb	□НАР			
Other	GHG									
IV.	Reference On	nly Requirements	(For reference only)							
Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? ☐ YES ☐ NO ☐ N/A										
V. Delinquent Fees and Penalties										
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.										

Date: March 6, 2025

Permit No.: **O1249**

Regulated Entity No.: RN102041282

Company Name: Air Products LLC

			Unit/Group	Process		
Revision No.	Revision Code	New Unit	ID No.	Applicable Form		Description of Change and Provisional Terms and Conditions
1	MS-C	NO	Multiple	OP-UAs OP-SUMR OP-REQ1 OP-REQ2 OP-REQ3 OP-PBRSUP	N/A	Air Products LLC (AP) requests updates to the unit sources whose UA forms have been updated since the last renewal. In addition, AP is requesting the update to Unit Name/Description and Preconstruction Authorizations. The OP-PBRSUP has also been added in this permit renewal outlining active PBRs. Please see the attached Forms OP-SUMR, OP-REQ1, and OP-PBRSUP. Additions have been bolded and italicized, and deletions have been struck through.

Date: March 6, 2025

Permit No.: **O1249**

Regulated Entity No.: RN102041282

Company Name: Air Products LLC

			Unit/Group	Process		
Revision No.	Revision Code	New Unit	ID No.	Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
2	MS-C	NO	F	OP-REQ2	N/A	AP is requesting to add negative applicability to this unit for: 30 TAC Chapter 115, HRVOC Vent Gas Control 40 CFR Part 60, Subpart DDD 40 CFR Part 60, Subpart GGG 40 CFR Part 60, Subpart KKK 40 CFR Part 60, Subpart VV 40 CFR Part 61, Subpart J 40 CFR Part 61, Subpart V 40 CFR Part 63, Subpart H 40 CFR Part 63, Subpart I Additions have been Bolded and Italicized in the OP-REQ2
3	MS-C	NO	НҮСО#2-С	OP-SUMR	771A	AP is requesting the deletion of this equipment from the permit, since it has been replaced and no longer exists. It has been struck through on the OP-SUMR.

Date: March 6, 2025

Permit No.: **O1249**

Regulated Entity No.: RN102041282

Company Name: Air Products LLC

			Unit/Group	Process		
Revision No.	Revision Code	New Unit	ID No.	Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
4	SIG-E	Yes	K	OP-REQ2	21878 106.261/09/04/2000[8 7564] 106.371/09/04/2000	AP is requesting to add Unit ID, K, to permit with negative applicability for: 30 TAC Chapter 115, HRVOC Cooling Tower 40 CFR Part 63, Subpart Q Additions have been Bolded and Italicized in the OP-SUMR and OP-REQ2.
5	SIG-E	Yes	L	OP-REQ2	21878 106.261/09/04/2000[8 7564] 106.371/09/04/2000	AP is requesting to add Unit ID, L, to permit with negative applicability for: 30 TAC Chapter 115, HRVOC Cooling Tower 40 CFR Part 63, Subpart Q Additions have been Bolded and Italicized in the OP-SUMR and OP-REQ2.

Date: March 6, 2025

Permit No.: **O1249**

Regulated Entity No.: RN102041282

Company Name: Air Products LLC

			Unit/Group	Process		
Revision No.	Revision Code	New Unit	ID No.	Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
6	SIG-E	Yes	LHYCT	OP-REQ2	106.371/09/04/2000[1 62098] 106.373/09/04/2000[1 62098]	AP is requesting to add this unit to the permit with negative applicability for: 30 TAC Chapter 115, HRVOC Cooling Tower 40 CFR Part 63, Subpart Q Additions have been Bolded and Italicized in the OP-SUMR and OP-REQ2.
7	SIG-E	NO	LOXVAP-GA Loxvap-gb	OP-REQ2	N/A	AP is requesting to add a positive applicability for NSPS Dc to these two units. Additions have been Bolded and Italicized in the OP-REQ3

Date: March 6, 2025

Permit No.: **O1249**

Regulated Entity No.: RN102041282

Company Name: Air Products LLC

			Unit/Group	Process		
Revision No.	Revision Code	New Unit	ID No.	Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
8	SIG-E	Yes	M	OP-REQ2	21878 106.261/09/04/2000[8 7564] 106.371/09/04/2000	AP is requesting to add Unit ID, M, to permit with negative applicability for: 30 TAC Chapter 115, HRVOC Cooling Tower 40 CFR Part 63, Subpart Q Additions have been Bolded and Italicized in the OP-SUMR and OP-REQ2.
9	MS-C	NO	MS-PW	OP-SUMR	21878	AP is requesting to remove this unit from the permit as it no longer exists. It has been struck through on the OP-SUMR.
10	MS-C	NO	TEMP-PW	OP-SUMR	21878	AP is requesting to remove this unit from the permit as it no longer exists. It has been struck through on the OP-SUMR.

Date: March 6, 2025

Permit No.: **O1249**

Regulated Entity No.: RN102041282

Company Name: Air Products LLC

			Unit/Group	Process		
Revision No.	Revision Code	New Unit	ID No.	Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
11	MS-C	NO	TMP- EGEN13.50A	OP-SUMR	106.511/09/04/2000	AP is requesting to remove this unit from the permit as it no longer exists.
						It has been struck through on the OP-SUMR.
12	SIG-E	Yes	AUXBLR	OP-UA6 OP-REQ2	106.183//09/04/2000[1 73538]	AP is requesting to add this unit to the permit with positive applicability for: 30 TAC Chapter 117, Subchapter B 40 CFR Part 60, Subpart Dc Additionally, AP is requesting negative applicability for this source for: 30 TAC Chapter 112, Sulfur Compounds 40 CFR Part 60, Subpart D 40 CFR Part 60, Subpart Da 40 CFR Part 60, Subpart Db 40 CFR Part 63, Subpart DDDDD

Date: March 6, 2025

Permit No.: **O1249**

Regulated Entity No.: RN102041282

Company Name: Air Products LLC

			Unit/Group	Process		
Revision No.	Revision Code	New Unit	ID No.	Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
13	MS-C	Yes	HYCO4-EMENG	OP-UA2	21878	AP Request to add new units associated with the HYCO4 plant that is being built. All positive applicability for the sources is found in the OP-REQ3.
14	SIG-E	Yes	$\mathbf{H} \mathbf{Y} (\mathbf{Y}) \Delta_{-} \mathbf{I} \Delta_{-} \Delta_{-}$	OP-UA3 OP-REQ2	21878	AP Request to add new units associated with the HYCO4 plant that is being built. All positive applicability for the sources is found in the OP-REQ3. All Negative applicability for the sources is found in the OP-REQ2.

Date: March 6, 2025

Permit No.: **O1249**

Regulated Entity No.: RN102041282

Company Name: Air Products LLC

			Unit/Group	Process		
Revision No.	Revision Code	New Unit	ID No.	Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
						AP Request to add new units associated with the HYCO4 plant that is being built.
				OP-UA5 OP-REQ2 OP-MON		All positive applicability for the sources is found in the OP-REQ3.
15	SIG-E	Yes			21878	All Negative applicability for the sources is found in the OP-REQ2.
						Please see the attached OP-MON for case-by-case addition related to CO periodic monitoring.
						AP Request to add new units associated with the HYCO4 plant that is being built.
16	SIG-E	Yes	HYCO4-WFLR	OP-UA7 OP-UA15 OP-REQ2	21878	All positive applicability for the sources is found in the OP-REQ3.
						All Negative applicability for the sources is found in the OP-REQ2.

Date: March 6, 2025

Permit No.: **O1249**

Regulated Entity No.: RN102041282

Company Name: Air Products LLC

			Unit/Group	Process		
Revision No.	Revision Code	New Unit	ID No.	Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
						AP Request to add new units associated with the HYCO4 plant that is being built.
17	SIG-E	Yes		OP-UA7 OP-REQ2	21878	All positive applicability for the sources is found in the OP-REQ3.
						All Negative applicability for the sources is found in the OP-REQ2.
						AP Request to add new units associated with the HYCO4 plant that is being built.
18	SIG-E	Yes	HYCO4-CWT	OP-UA13 OP-REQ2	21878	All positive applicability for the sources is found in the OP-REQ3.
						All Negative applicability for the sources is found in the OP-REQ2.

Date: March 6, 2025

Permit No.: **O1249**

Regulated Entity No.: RN102041282

Company Name: Air Products LLC

			Unit/Group	Process		
Revision No.	Revision Code	New Unit	ID No.	Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
						AP Request to add new units associated with the HYCO4 plant that is being built.
19	SIG-E	Yes	HYCO4-BLRBD HYCO4-DV HYCO4-REGENVT HYCO4-WTJACK	OP-UA15 OP-REQ2	21878	All positive applicability for the sources is found in the OP-REQ3.
					All Negative applicability for the sources is found in the OP-REQ2.	
20	MS-C	V	HYCO4-ANALYZERS	OP-UA15	21070	AP Request to add new units associated with the HYCO4 plant that is being built.
20	MS-C	Yes	HYCO4-CO2CV	OP-UAIS	21878	All positive applicability for the sources is found in the OP-REQ3.
21	SIG-E	Yes	HYCO4-ATRFUG HYCO4-C137A HYCO4-C137B	OD DEO2	21878	AP Request to add new units associated with the HYCO4 plant that is being built.
2.1	SIG-E		HYCO4-U901	OP-REQ2	210/0	All Negative applicability for the sources is found in the OP-REQ2.

Date: March 6, 2025

Permit No.: **O1249**

Regulated Entity No.: RN102041282

Company Name: Air Products LLC

			Unit/Group	Process		
Revision No.	Revision Code	New Unit	ID No.	Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
22	SIG-E	Yes	HYCO4-T821A HYCO4-T821B HYCO4-T821C HYCO4-T913 HYCO4-T914 HYCO4-T972	OP-REQ2	21878	AP Request to add new units associated with the HYCO4 plant that is being built. Additionally, these units are being added to group, GRP-TANK1, in form OP-SUMR Table 2. All Negative applicability for the source groups is found in the OP-REQ2.
23	SIG-E	Yes	HYCO4-T423 HYCO4-T4711 HYCO4-T6020A HYCO4-T6020B HYCO4-T640 HYCO4-T721 HYCO4-T722 HYCO4-T723 HYCO4-T724 HYCO4-T912 HYCO4-T915 HYCO4-T917	OP-REQ2	21878	AP Request to add new units associated with the HYCO4 plant that is being built. Additionally, these units are being added to Group, GRP-TANK2, in form OP-SUMR Table 2. All Negative applicability for the source groups is found in the OP-REQ2.

Date	e: March 6, 2025	
Perm	nit No.: O1249	
Regu	ulated Entity No.: RN102041282	
Com	npany Name: Air Products LLC	
I.	Significant Revision (Complete this section if you are submitting a significant revision application or a renewal application significant revision.)	that includes a
A.	Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	∑ YES □ NO
B.	Indicate the alternate language(s) in which public notice is required: Spanish	
C.	Will, there be a change in air pollutant emissions as a result of the significant revision?	☐ YES ⊠ NO

Form OP-CRO1

Certification by Responsible Official Federal Operating Permit Program Texas Commission on Environmental Quality

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

I. Identifying Information	
RN: RN102041282	
CN: CN602299257	
Account No.: HG-0010-N	
Permit No.: O1249	
Project No.: TBD	
Area Name: La Porte Texas Facility	
Company Name: Air Products LLC	
II. Certification Type (Please mark appropria	tte box)
Responsible Official Representative	Duly Authorized Representative
III. Submittal Type (Please mark appropriate	box) (Only one response can be accepted per form)
SOP/TOP Initial Permit Application	Permit Revision, Renewal, or Reopening
GOP Initial Permit Application	Update to Permit Application
Other:	

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

IV.	Certification of Tru	uth				
I,	Stephanie Shuemal	ker	certify that I am the	DAR		
	(Certifier N	ame printed or typed)		(RO a	or DAR)	
am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the state and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements are to the best of my knowledge a belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements a information or omitting required statements and information, including the possibility of fine or imprisonment. The above certification is for the statements and information dated during the time period or on the specific date(s) belief true. Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).						
Time	Period: From		to			
		(Start Dat	te)	(End	Date)	
Speci	ific Dates: Marc	ch 6, 2025				
	(Da	te 1) (I	Date 2) (L	Date 3)	(Date 4)	
	(Date 5)		(Date 6)			
Signa	nture:			Signature Date:		
Title	HvCO Area Ma	nager				

Date	Permit No.	Regulated Entity No.	
March 6, 2025	O1249	RN102041282	

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
	1	ASU-PW	OP-REQ2	AIR SEPARATION UNIT PARTS WASHER		21878 106.454/11/01/2001	
	1	ASUOWS1470	OP-REQ2	ASU OIL/WATER SEPARATOR 14.70		106.263/11/01/2001 21878	
		ASUOWSV991	OP-REQ2	ASU OIL/WATER SEPARATOR V991		21878	
A	12	AUXBLR	OP-UA6	AUX BOILER		106.183/09/04/2000[173538]	
		CH4COLUMN	OP-REQ2	METHANE COLUMN-DISTILLATION UNIT C-604		21878	
		CO2STRIP	OP-REQ2	CO2 STRIPPER-DISTILLATION UNIT C-403		21878	
		EGEN13.50A	OP-UA2	ASU DIESEL ENGINE EMERGENCY GENERATOR 13.50A - P6		21878, 106.511/06/13/2001	
		EGEN13.50B	OP-UA2	ASU DIESEL ENGINE EMERGENCY GENERATOR 13.50B - P5		21878, 106.511/06/13/2001	
		EGEN13.61A	OP-UA2	ASU DIESEL ENGINE EMERGENCY GENERATOR 13.61A - P3		21878, 106.511/06/13/2001	
		EGEN13.61B	OP-UA2	ASU DIESEL ENGINE EMERGENCY GENERATOR 13.61B - P4		21878, 106.511/06/13/2001	

Date	Permit No.	Regulated Entity No.	
March 6, 2025	O1249	RN102041282	

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
	1	EGEN13.70	OP-UA2	HYCO3 DIESEL ENGINE EMERGENCY GENERATOR 13.70 - P2		21878 106.511/06/13/2001	
		ENG10.31	OP-UA2	DIESEL ENGINE FIREWATER PUMP 10.31 - P1		21878, 106.511/06/13/2001	
	1, 2	F	OP-REQ2	PLANT FUGITIVES		21878 106.261/11/01/2003[87982] 106.263/11/01/2001	
		H2STRIP	OP-REQ2	HYDROGEN STRIPPER- DISTILLATION UNIT C-603		21878	
		H3OWSV806	OP-REQ2	HYCO3 OIL/WATER SEPARATOR V806		21878	
		HOWS1480	OP-REQ2	HYCO OIL/WATER SEPARATOR 14.80		21878	
D	3	HYCO#2-C	OP UA6	HYCO #2 BOILER 22.04		771A	
		HYCO3-C104	OP-REQ2	GASIFIER C-104PARTIAL OXIDATION REACTOR		21878	
		HYCO3-C204	OP-REQ2	GASIFIER C-204PARTIAL OXIDATION REACTOR		21878	
		HYCO3-CFL	OP-UA7	HYCO3 COLD FLARE		21878, 108267	

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.

Date	Permit No.	Regulated Entity No.	
March 6, 2025	O1249	RN102041282	

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
		HYCO3-FGPA	OP-UA5	FIRED GAS PREHEATER A		21878	
		HYCO3-FGPB	OP-UA5	FIRED GAS PREHEATER B		21878	
		HYCO3-MEA	OP-UA4	MEA STORAGE TANK FOR UNLOADING		21878	
		HYCO3-MEAT	OP-UA3	HYCO3 MEA TANK		21878	
	1	HYCO3-PW	OP-REQ2	HYCO3 PARTS WASHER		21878 106.454/11/01/2001	
		HYCO3-WFL	OP-UA7	HYCO3 WARM FLARE		21878, 108267	
		HYCO3-WWT	OP-UA3	WASTER WATER STORAGE TANK		21878	
A	20	HYCO4- ANALYZERS	OP-UA15	HYCO-4 Analyzers		21878	
A	15	HYCO4-ATR	OP-UA5	HYCO-4 ATR FIRED HEATER		21878	
A	21	HYCO4-ATRFUG	OP-REQ2	HYCO-4 HYDROGEN PLANT FUGITIVES		21878 106.263/11/01/2001	
A	19	HYCO4-BLRBD	OP-UA15	HYCO-4 BOILER BLOWDOWN FLASH		21878	

Date	Permit No.	Regulated Entity No.	
March 6, 2025	O1249	RN102041282	

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
A	21	HYCO4-C137A	OP-REQ2	COMBINED HYDROGENERATOR/DESULFURIZER		21878	
A	21	HYCO4-C137B	OP-REQ2	COMBINED HYDROGENERATOR/DESULFURIZER		21878	
A	17	HYCO4-CFLR	OP-UA7	HYCO4 COLD FLARE		21878	
A	20	HYCO4-CO2CV	OP-UA15	HYCO-4 CO2 Compressor Vent		21878	
A	18	HYCO4-CWT	OP-UA13	HYCO-4 COOLING TOWER		21878	
A	19	HYCO4-DV	OP-UA15	HYCO-4 DEAERATOR STEAM VENT		21878	
A	13	HYCO4-EMENG	OP-UA2	HYCO-4 DIESEL GENERATOR		21878	
A	14	HYCO4-H9911	OP-UA3	PROCESS WASTE WATER SUMP		21878	
A	21	HYCO4-NH3ST	OP-REQ2	AQUEOUS NH3 TANK		21878	
A	19	HYCO4-REGENVT	OP-UA15	HYCO-4 TSA REGEN VENT		21878	
A	23	HYCO4-T423	OP-REQ2	ANTI FOAM MIXING TANK		21878	
A	14	HYCO4-T424	OP-UA3	AMDEA SOLVENT STORAGE TANK		21878	

Date	Permit No.	Regulated Entity No.	
March 6, 2025	O1249	RN102041282	

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
A	23	HYCO4-T4711	OP-REQ2	LUBE OIL TANK		21878	
A	23	HYCO4-T6020A	OP-REQ2	DAY TANK		21878	
A	23	HYCO4-T6020B	OP-REQ2	DAY TANK		21878	
A	14	HYCO4-T6111	OP-UA3	LUBE OIL TANK		21878	
A	23	HYCO4-T640	OP-REQ2	CO2 PROD COMP LO OIL TANK		21878	
A	23	HYCO4-T721	OP-REQ2	INTERNAL TREATMENT TANK		21878	
A	23	HYCO4-T722	OP-REQ2	NEUTRALIZING AMINE TANK		21878	
A	23	HYCO4-T723	OP-REQ2	OXYGEN SCAVENGER TANK		21878	
A	23	HYCO4-T724	OP-REQ2	INTERNAL TREATMENT POLYMER TANK		21878	
A	22	HYCO4-T821A	OP-REQ2	VERTICAL LIN TANK		21878	
A	22	HYCO4-T821B	OP-REQ2	VERTICAL LIN TANK		21878	
A	22	HYCO4-T821C	OP-REQ2	VERTICAL LIN TANK		21878	

Date	Permit No.	Regulated Entity No.	
March 6, 2025	O1249	RN102041282	

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
A	23	HYCO4-T912	OP-REQ2	CORROSION INHIBITOR GN8301		21878	
A	22	HYCO4-T913	OP-REQ2	BLEACH TANK		21878	
A	22	HYCO4-T914	OP-REQ2	ACID TANK		21878	
A	23	HYCO4-T915	OP-REQ2	YELLOW METAL INHIBITOR		21878	
A	23	HYCO4-T917	OP-REQ2	CORROSION INHIBITOR TOTE		21878	
A	22	HYCO4-T972	OP-REQ2	FILTERED WATER STORAGE TANK		21878	
A	21	HYCO4-U901	OP-REQ2	OIL-WATER SEPARATOR		21878	
A	16	HYCO4-WFLR	OP-UA7 OP-UA15	HYCO4 WARM FLARE		21878	
A	19	HYCO4-WTJACK	OP-UA15	HYCO-4 WATER JACKET VENT		21878	
		I	OP-REQ2	TEMPERATURE SWING ABSORPTION DRIERS STACK		21878	
A	4	K	OP-REQ2	HYCO-3 COOLING TOWER		21878, 106.261/11/01/2003[87564] 106.371/09/04/2000	

Date	Permit No.	Regulated Entity No.	
March 6, 2025	O1249	RN102041282	

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
A	5	L	OP-REQ2	ASU-GOX COOLING WATER TOWER		21878 106.261/11/01/2003[87564] 106.371/09/04/2000	
A	6	LHYCT	OP-REQ2	LHY COOLING WATER TOWER		106.371/09/04/2000[162098] 106.373/09/04/2000[162098]	
		LOXVAP-GA	OP-UA5	LIQUID OXYGEN VAPORIZER BURNER A		106.183/09/04/2000	
		LOXVAP-GB	OP-UA5	LIQUID OXYGEN VAPORIZER BURNER B		106.183/09/04/2000	
A	8	M	OP-REQ2	ASU COOLING WATER TOWER		21878 106.261/11/01/2003[87564] 106.371/09/04/2000	
D	9	MS PW	OP REQ2	MAINTENANCE SHOP PARTS WASHER		21878	
		P-610	OP-UA2	EMERGENCY GENERATOR - P7		21878	
		RGN HTR	OP-UA5	D PLANT ASU REGEN HEATER		106.183/09/04/2000	
D	10	TEMP-PW	OP-REQ2	TEMPORARY PARTS WASHER		21878	

Date	Permit No.	Regulated Entity No.	
March 6, 2025	O1249	RN102041282	

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
	1	TERM-PW	OP-REQ2	TERMINAL PARTS WASHER		21878 106.454/11/01/2001	
D	11	TMP EGEN13.50A	OP UA2	BACKUP ENGINE FOR ASU DSL ENG EMERG GEN 13.50A		106.511/09/04/2000	
	1	TOWS1460	OP-REQ2	TERMINAL OIL/WATER SEPARATOR 14.60		106.263/11/01/2001 21878	
	1	TUST24605A	OP-UA3	DIESEL FUEL #2 (UST) STORAGE TANK-TERMINAL AREA		106.263/11/01/2001 21878	
	1	TUST24629A	OP-UA3	DIESEL FUEL #2 (UST) STORAGE TANK-TERMINAL AREA		106.263/11/01/2001 21878	

Date	Permit No.	Regulated Entity No.	
March 6, 2025	O1249	RN102041282	

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
22	HYCO4-T821A	OP-REQ2	A	GRP-TANK1
22	HYCO4-T821B	OP-REQ2	A	GRP-TANK1
22	HYCO4-T821C	OP-REQ2	A	GRP-TANK1
22	НҮСО4-Т913	OP-REQ2	A	GRP-TANK1
22	НҮСО4-Т914	OP-REQ2	A	GRP-TANK1
22	HYCO4-T972	OP-REQ2	A	GRP-TANK1
23	HYCO4-T423	OP-REQ2	A	GRP-TANK2
23	HYCO4-T4711	OP-REQ2	A	GRP-TANK2
23	HYCO4-T6020A	OP-REQ2	A	GRP-TANK2
23	HYCO4-T6020B	OP-REQ2	A	GRP-TANK2
23	HYCO4-T640	OP-REQ2	A	GRP-TANK2
23	HYCO4-T721	OP-REQ2	A	GRP-TANK2
23	HYCO4-T722	OP-REQ2	A	GRP-TANK2

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.

Date	Permit No.	Regulated Entity No.		
March 6, 2025	O1249	RN102041282		

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
23	HYCO4-T723	OP-REQ2	A	GRP-TANK2
23	НҮСО4-Т724	OP-REQ2	A	GRP-TANK2
23	HYCO4-T912	OP-REQ2	A	GRP-TANK2
23	HYCO4-T915	OP-REQ2	A	GRP-TANK2
23	HYCO4-T917	OP-REQ2	A	GRP-TANK2

SECTION C: Unit Attribute Forms

This section contains the following forms:

OP-UA2	Stationary Reciprocating Internal Combustions Engine Attributes
OP-UA3	Storage Tank/Vessel Attributes
OP-UA4	Loading/Unloading Operations Attributes
OP-UA5	Process Heater/Furnace Attributes
OP-UA6	Boiler/Steam Generator/Steam Generating Unit Attributes
OP-UA7	Flare Attributes
OP-UA13	Industrial Process Cooling Tower Attributes
OP-UA15	Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes

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.	
March 6, 2025	O1249	RN102041282	

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
EGEN13.50A	R7ICI-01				EMERG	DSL			
EGEN13.50B	R7ICI-01				EMERG	DSL			
EGEN13.61A	R7ICI-01				EMERG	DSL			
EGEN13.61B	R7ICI-01				EMERG	DSL			
EGEN13.70	R7ICI-01				EMERG	DSL			
EGEN10.31	R7ICI-01				EMERG	DSL			
HYCO4- EMENG	R7ICI-01				EMERG	DSL			
P-610	R7ICI-01				D2001+	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.	
March 6, 2025	O1249	RN102041282	

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
EGEN13.50A	63ZZZZ-01	AREA	100-250	02-	NO	EMER-A	CI
EGEN13.50B	63ZZZZ-01	AREA	100-250	02-	NO	EMER-A	CI
EGEN13.61A	63ZZZZ-01	AREA	250-300	02-	NO	EMER-A	CI
EGEN13.61B	63ZZZZ-01	AREA	250-300	02-	NO	EMER-A	CI
EGEN13.70	63ZZZZ-01	AREA	250-300	02-	NO	EMER-A	CI
EGEN10.31	63ZZZZ-01	AREA	300-500	02-	NO	EMER-A	CI
HYCO4-EMENG	63ZZZZ-01	AREA	100-250	06+			
P-610	63ZZZZ-01	AREA	300-500	06+			

Stationary Reciprocating Internal Combustion Engine Attributes Form OP-UA2 (Page 10)

Federal Operating Permit Program

Table 5a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
March 6, 2025	O1249	RN102041282

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
HYCO4-EMENG	60IIII-01	2005+	NONE	EMERG	CON	0406+
P-610	60IIII-01	2005+	NONE	EMERG	CON	0406+

Stationary Reciprocating Internal Combustion Engine Attributes Form OP-UA2 (Page 11)

Federal Operating Permit Program

Table 5b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.	
March 6, 2025	O1249	RN102041282	

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
HYCO4- EMENG	60IIII-01	DIESEL		10-		2017+	
P-610	60IIII-01	DIESEL		10-15		2007	

Stationary Reciprocating Internal Combustion Engine Attributes Form OP-UA2 (Page 12)

Federal Operating Permit Program

Table 5c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.		
March 6, 2025	O1249	RN102041282		

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
HYCO4- EMENG	60IIII-01	E130-368		NO	YES	MANU YES		
P-610		N75-368 E75-368		NO	NO	MANU NO		

Storage Tank/Vessel Attributes Form OP-UA3 (Page 3)

Federal Operating Permit Program

Table 3: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Kb: Standards of Performance for Volatile Organic Liquid Storage Vessels
(Including Petroleum Liquid Storage Vessels)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.		
March 6, 2025	O1249	RN102041282		

Unit ID No.	SOP/GOP Index No.	Product Stored	Storage Capacity	WW Tank Control	Maximum TVP	Storage Vessel Description	AMEL ID No.	Guidepole	Reid Vapor Pressure	Control Device ID No.
HYCO4-T424	60Kb-01	VOL	10K-							
HYCO4- T6111	60Kb-01	PTLQ-3	10K-							
HYCO4- H9911	60Kb-01	OTHER3								
HYCO3- MEAT	60Kb-01	OTHER3								
HYCO3- WWT	60Kb-01	OTHER3								
TUST24605A	60Kb-01	PTLQ-3	10K-							
TUST24629A	60Kb-01	PTLQ-3	10K-							

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.		
March 6, 2025	O1249	RN102041282		

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
НҮСОЗ-МЕАТ	R5112-01	NO		VOC1	A1K-25K			
HYCO3-WWT	R5112-01	NO		VOC1	A40K+			
HYCO4-T424	R5112-01	NO		VOC1	A1K-25K			
HYCO4-T6111	R5112-01	NO		VOC1	A1K-25K			
НҮСО4-Н9911	R5112-01	NO		VOC1	A1K-25K			
TUST24605A	R5112-01	NO		VOC1	A1K-25K			
TUST24629A	R5112-01	NO		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.		
March 6, 2025	O1249	RN102041282		

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.
HYCO3-MEAT	R5112-01		NONE1	1-				
HYCO3-WWT	R5112-01		NONE1	1-				
HYCO4-T424	R5112-01		NONE1	1-				
HYCO4-T6111	R5112-01		NONE1	1-				
НҮСО4-Н9911	R5112-01		NONE1	1-				
TUST24605A	R5112-01		NONE1	1-				
TUST24629A	R5112-01		NONE1	1-				

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.		
March 6, 2025	O1249	RN102041282		

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
НҮСОЗ-МЕА	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5-		

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.		
March 6, 2025	O1249	RN102041282		

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
HYCO3- FGPA	R7ICI-01	PRHTR	2-40			NG			310D		
HYCO3- FGPB	R7ICI-01	PRHTR	2-40			NG			310D		
HYCO4- ATR	R7ICI-01	PRHTR	2-40			NG			310D		
LOXVAP- GA	R7ICI-01	PRHTR	2-40			NG			310D		
LOXVAP- GB	R7ICI-01	PRHTR	2-40			NG			310D		
RGN HTR	R7ICI-01	PRHTR	2-40			NG			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.		
March 6, 2025	O1249	RN102041282		

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
HYCO3-FGPA	R7ICI-01	NO		OTHER	NONE			MERT
HYCO3-FGPB	R7ICI-01	NO		OTHER	NONE			MERT
HYCO4-ATR	R7ICI-01	NO			NONE			MERT
LOXVAP-GA	R7ICI-01	NO		BLK1 LB	NONE			MERT
LOXVAP-GB	R7ICI-01	NO		BLK1 LB	NONE			MERT
RGN HTR	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.		
March 6, 2025	O1249	RN102041282		

Unit ID No.	SOP/GOP Index No.	Fuel Flow Monitoring	CO Emission Limitation	CO Monitoring System	NH3 Emission Limitation	NH3 Monitoring
HYCO3-FGPA	R7ICI-01	X40A	310C	OTHER		
HYCO3-FGPB	R7ICI-01	X40A	310C	OTHER		
HYCO4-ATR	R7ICI-01	X40A	310C	OTHER		
LOXVAP-GA	R7ICI-01	X40A	310C	OTHER		
LOXVAP-GB	R7ICI-01	X40A	310C	OTHER		
RGN HTR	R7ICI-01	X40A	310C	OTHER		

Boiler/Steam Generator/Steam Generating Unit Attributes Form OP-UA6 (Page 11)

Federal Operating Permit Program

Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart Dc: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.		
March 6, 2025	O1249	RN102041282		

Unit ID No.	SOP Index No.	Construction/ Modification Date	Maximum Design Heat Input Capacity	Applicability	Heat Input Capacity	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	ACF Option SO ₂	ACF Option PM	30% Coal Duct Burner
AUXBLR	60Dc-01	05+	10-100	NONE	30-75	NG			OTHR	OTHR	NO
LOXVAP- GA	60Dc-01	05+	10-100	NONE	10-30	NG			OTHR	OTHR	NO
LOXVAP- GB	60Dc-01	05+	10-100	NONE	10-30	NG			OTHR	OTHR	NO

Boiler/Steam Generator/Steam Generating Unit Attributes Form OP-UA6 (Page 12)

Federal Operating Permit Program

Table 4b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart Dc: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.		
March 6, 2025	O1249	RN102041282		

Unit ID No.	SOP Index No.	Monitoring Type PM	Monitoring Type SO ₂ Inlet	Monitoring Type SO ₂ Outlet	Technology Type	43CE-Option	47C-Option
AUXBLR	60Dc-01	NONE	FLCRT	NONE	NONE		
LOXVAP-GA	60Dc-01	NONE	FLCRT	NONE	NONE		
LOXVAP-GB	60Dc-01	NONE	FLCRT	NONE	NONE		

Boiler/Steam Generator/Steam Generating Unit Attributes Form OP-UA6 (Page 13)

Federal Operating Permit Program

Table 5a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)

Subpart 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.		
March 6, 2025	O1249	RN102041282		

Unit ID No.	SOP Index No.	Unit Type	MRC	RACT Date Placed in Service	Functionally Identical Replacement	Fuel Type	Fuel Type	Fuel Type	Annual Heat Input
AUXBLR	R7ICI-01	ICIB	2-40			NG			

Boiler/Steam Generator/Steam Generating Unit Attributes Form OP-UA6 (Page 14)

Federal Operating Permit Program

Table 5b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)

Subpart 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.		
March 6, 2025	O1249	RN102041282		

Unit ID No.	SOP Index No.	NO _X Emission Limitation	Opt-In Unit	23C-Option	Title 30 TAC Chapter 116 Permit Limit	EGF System Cap Unit	NO _X Emission Limit Average	NO _x Reduction	Common Stack Combined
AUXBLR	R7ICI-01	310D				NO	30DAY	NONE	

Boiler/Steam Generator/Steam Generating Unit Attributes Form OP-UA6 (Page 15)

Federal Operating Permit Program

Table 5c: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)

Subpart 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.	
March 6, 2025	O1249	RN102041282	

Unit ID No.	SOP Index No.	Fuel Type Heat Input	NO _X Monitoring System	Fuel Flow Monitoring	CO Emission Limitation	CO Monitoring System	NH ₃ Emission Limitation	NH ₃ Emission Monitoring
AUXBLR	R7ICI-01		MERT	X40A	310C	OTHER		

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.	
March 6, 2025	O1249	RN102041282	

Unit ID No.	SOP/GOP Index No	Acid Gases Only	Emergency/Upset Conditions Only	Alternate Opacity Limitation (AOL)	AOL ID No.	Construction Date
HYCO3-CFL	R1111-01	NO	NO			
HYCO3-WFL	R1111-01	NO	NO			
HYCO4-CFLR	R1111-01	NO	NO			
HYCO4-WFLR	R1111-01	NO	NO			

Texas Commission on Environmental Quality Cooling Tower Attributes Form OP-UA13 (Page 3)

Federal Operating Permit Program

Table 3a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115) Subchapter H, Division 2: Cooling Tower Heat Exchange Systems

Date	Permit No.	Regulated Entity No.	
March 6, 2025	O1249	RN102041282	

Unit ID No.	SOP Index No.	Cooling Tower Heat Exchange Systems Exemptions	Alternative Monitoring	Modified Monitoring	Approved Monitoring ID No.
HYCO4-CWT	R5760-01	HRVOC5-	NO	NO	

Texas Commission on Environmental Quality Cooling Tower Attributes Form OP-UA13 (Page 4)

Federal Operating Permit Program

Table 3b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115) Subchapter H, Division 2: Cooling Tower Heat Exchange Systems

Date	Permit No.	Regulated Entity No.	
March 6, 2025	O1249	RN102041282	

Unit ID No.	SOP Index No.	Jacketed Reactor	Design Capacity	Finite Volume System	Flow Monitoring/ Testing Method	Total Strippable VOC	On-Line Monitor
HYCO4-CWT	R5760-01	NO	8000+	NO	HRVOC	NO	YES

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.	
March 6, 2025	O1249	RN102041282	

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
HYCO4- ANALYZERS	R5121-01	NO	NO	REGVAPPL		100-		Yes
HYCO4-BLRBD	R5121-01	NO	NO	REGVAPPL		100-		Yes
HYCO4-CO2CV	R5121-01	NO	NO	REGVAPPL		100-		Yes
HYCO4-DV	R5121-01	NO	NO	REGVAPPL		100-		Yes
HYCO4- REGENVT	R5121-01	NO	NO	REGVAPPL			612-	Yes
HYCO4-WFLR	R5121-01	NO	NO	REGVAPPL		100-		Yes
HYCO4- WTJACK	R5121-01	NO	NO	REGVAPPL		100-		Yes

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes Form OP-UA15 (Page 30)

Federal Operating Permit Program

Table 12a: Title 30Texas Administrative Code Chapter 115 (30 TAC Chapter 115) Subchapter H, Division 1: Highly-Reactive Volatile Organic Compounds-Vent Gas Control Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.	
March 6, 2025	O1249	RN102041282	

Emission Point ID No.	SOP Index No.	HRVOC Concentration	Max Flow Rate	Exempt Date	Vent Gas Stream Control
HYCO4-ANALYZERS	R5720-01	NO	YES	NO	
HYCO4-CO2CV	R5720-01	NO	NO		UNCON

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes Form OP-UA15 (Page 31)

Federal Operating Permit Program

Table 12b: Title 30Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H, Division 1: Highly-Reactive Volatile Organic Compounds-Vent Gas Control
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
March 6, 2025	O1249	RN102041282

Emission Point ID No.	SOP Index No.	AM	AM ID No.	Minor Modification	Minor Modification ID No.	Process Knowledge	Waived Testing	Testing Requirements
HYCO4-CO2CV	R5720-01	NO		NO		YES	NO	725A

SECTION D: Applicability Identification Forms

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

OP-REQ2 Negative Applicable Requirement Determinations

OP-REQ3 Applicable Requirements Summary
OP-PBRSUP Permits By Rule Supplemental Table

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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL 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.	☐ Yes ⊠ No		
*	2.	The application area includes stationary vents constructed after January 31, 1972. 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.	⊠ Yes □ 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.	Yes No		
♦	4.	All stationary vents are addressed on a unit specific basis.	☐ Yes ⊠ 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.	⊠ Yes □ No		
♦	6.	The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).	☐ Yes ⊠ 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).	☐ Yes ⊠ No		
♦	8.	Emissions from units in the application area include contributions from uncombined water.	⊠ Yes □ 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).	☐ Yes ⊠ No ☐ 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

I.		Fitle 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)				
	В.		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.	☐ Yes ⊠ No		
•		b.	The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.	☐ Yes ⊠ No		
•		c.	The application area is located in the portion of Harris County inside the loop formed by Beltway 8.	☐ Yes ⊠ 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.	☐ Yes ⊠ No		
			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.			
		2.	Items a - d determine the specific applicability of these requirements.			
♦		a.	The application area is subject to 30 TAC § 111.143.	Yes No		
♦		b.	The application area is subject to 30 TAC § 111.145.	Yes No		
♦		c.	The application area is subject to 30 TAC § 111.147.	Yes No		
♦		d.	The application area is subject to 30 TAC § 111.149.	Yes No		
	C.	Emi	ssions Limits on Nonagricultural Processes			
•	1.		application area includes a nonagricultural process subject to 30 TAC 1.151.	⊠ Yes □ No		
		2.	The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements. If the response to Question I.C.2 is "No," go to Question I.C.4.	☐ Yes ⊠ No		
		3.	All vents from nonagricultural process in the application area are subject to additional monitoring requirements.	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

I.		Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)			
	C.	Emi	ssions 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).	☐ Yes ⊠ No	
		5.	The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements. If the response to Question I.C.5 is "No," go to Question I.C.7.	☐ Yes ⊠ No	
		6.	All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.	Yes No	
		7.	The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).	☐ Yes ⊠ No	
		8.	The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements. If the response to Question I.C.8 is "No," go to Section I.D.	☐ Yes ⊠ No	
		9.	All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.	Yes No	
	D.	Emi	ssions Limits on Agricultural Processes		
		1.	The application area includes agricultural processes subject to 30 TAC § 111.171.	☐ Yes ⊠ No	
	Е.	Out	door Burning		
•	1.	Out	door burning is conducted in the application area. If the response to Question I.E.1 is "No," go to Section II.	⊠ Yes □ No	
•	2.	Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.		⊠ Yes □ 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.		⊠ Yes □ No	
•	4.	Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209.		☐ Yes ⊠ 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL 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.	☐ Yes ⊠ No		
♦	6.	Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.	☐ Yes ⊠ No		
*	7.	The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215.	☐ Yes ⊠ 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.	⊠ Yes □ No		
III.		30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic pounds			
	Α.	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. See instructions for inclusive counties. If the response to Question III.A.1 is "No," go to Section IV.	⊠ Yes □ No		
	B.	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.	☐ Yes ⊠ 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

III.		e 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic apounds (continued)		
	C.	Indus	strial Wastewater	
		1.	The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140. If the response to Question III.C.1 is "No" or "N/A," go to Section III.D.	☐ Yes ⊠ No ☐ N/A
		2.	The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area. 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.	☐ Yes ☐ 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). If the response to Question III.C.3 is "Yes," go to Section III.D.	☐ Yes ☐ 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). If the response to Question III.C.4 is "Yes," go to Section III.D.	☐ Yes ☐ 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).	Yes 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).	☐ Yes ☐ 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).	Yes No
	D.	Load	ing and Unloading of VOCs	
♦	1.	The a	pplication area includes VOC loading operations.	☐ Yes ⊠ No
*	2.	The a	pplication area includes VOC transport vessel unloading operations. For GOP applications, if the responses to Questions III.D.1 - D.2 are "No," go to Section III.E.	⊠ Yes □ 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

III.		230 TAC Chapter 115 - Control of Air Pollution from Volatile Organic apounds (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.	☐ Yes ⊠ No	
	Е.	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. If the response to Question III.E.1 is "No," go to Section III.F.	☐ YES ⊠ 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.	YES 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. If the response to Question III.E.2 and/or E.3 is "Yes," go to Section III.F.	Yes No	
•	4.	The application area is located in a covered attainment county as defined in 30 TAC § 115.10. If the response to Question III.E.4 is "No," go to Question III.E.9.	Yes No	
*	5.	Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	Yes No	
*	6.	Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	Yes 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. If the response to Question III.E.7 is "Yes," go to Section III.F.	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

III.		30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic pounds (continued)		
	Е.	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. If the response to Question III.E.8 is "Yes," go to Section III.F.	☐ Yes ☐ 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.	Yes 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.	Yes 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.	Yes 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.	☐ Yes ☐ 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.	Yes No 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

III.		e 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic npounds (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.	Yes No 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.	Yes No 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. If the response to Question III.G.1 is "No" or "N/A," go to Section III.H.	☐ Yes ⊠ No ☐ N/A	
♦	2.	The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012.	Yes No	
•	3.	The application area includes facilities that began construction prior to November 15, 1992. If the responses to Questions III.G.2 and III.G.3 are both "No," go to Section III.H.	Yes No	
*	4.	The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline.	Yes 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.	☐ Yes ☐ No ☐ 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

III.		e 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic apounds (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. If the response to Question III.H.1 is "No" or "N/A," go to Section III.I.	☐ Yes ☐ No ⊠ 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.	Yes No	
♦	3.	The application area includes a motor vehicle fuel dispensing facility.	☐ Yes ☐ No	
*	4.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.	☐ Yes ☐ No	
	I.	Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries		
		1. The application area is located at a petroleum refinery.	☐ Yes ⊠ 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.	Yes No 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

III.		Citle 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)			
	K.	Cutb	ack 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. If the response to Question III.K.1 is "N/A," go to Section III.L.	☐ Yes ⊠ No ☐ 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.	☐ Yes ⊠ No ☐ N/A	
		3.	Asphalt emulsion is used or produced within the application area.	☐ Yes ⊠ No	
		4.	The application area is using an alternate control requirement as specified in 30 TAC § 115.513. If the response to Question III.K.4 is "No," go to Section III.L.	☐ Yes ⊠ 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).	Yes No	
		6.	The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.	Yes No	
		7.	The applicant using cutback asphalt is a state, municipal, or county agency.	Yes No	
	L.	Dega	ssing of Storage Tanks, Transport Vessels and Marine Vessels		
*	1.		application area includes degassing operations for stationary, marine, or transport vessels. If the response to Question III.L.1 is "No" or "N/A," go to Section III.M.	Yes No N/A	
*	2.		ssing of only ocean-going, self-propelled VOC marine vessels is armed in the application area. If the response to Question III.L.2 is "Yes," go to Section III.M.	☐ Yes ⊠ No ☐ 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL 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.	Yes No No 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.	☐ Yes ⊠ No ☐ 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.	☐ Yes ⊠ 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.	Yes No No 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 \S 115.547(5) is performed in the application area.	☐ Yes ⊠ No ☐ N/A	
	M.	Petroleum Dry Cleaning Systems		
		1. The application area contains one or more petroleum dry cleaning facilities that use petroleum-based solvents.	☐ Yes ⊠ No ☐ 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

III.	Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)				
	N.	N. Vent Gas Control (Highly Reactive Volatile Organic Compounds (HRVOC)			
		1.	The application area includes one or more vent gas streams containing HRVOC.	☐ Yes	
		2.	The application area includes one or more flares that emit or have the potential to emit HRVOC. 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.	☐ Yes ⊠ No ☐ 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.	⊠ Yes □ 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. If the responses to Questions III.N.3 and III.N.4 are both "Yes," go to Section III.O.	☐ Yes ⊠ No	
		5.	The application area contains pressure relief valves that are not controlled by a flare.	☐ Yes ⊠ No	
		6.	The application area has at least one vent stream which has no potential to emit HRVOC.	⊠ Yes □ No	
		7.	The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).	☐ Yes ⊠ No	
	0.	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.	Yes No 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

IV.		itle 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen ompounds		
	A.	Appl	licability	
•	1.		application area is located in the Houston/Galveston/Brazoria, mont/Port Arthur, or Dallas/Fort Worth Eight-Hour area. 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.	∑ Yes □ No
		2.	The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln. If the response to Question IV.A.2 is "Yes," go to Question IV.H.1.	☐ Yes ⊠ No
		3.	The application area includes a utility electric generator in an east or central Texas county. 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.	☐ Yes ⊠ No
	В.	Utili	ty Electric Generation in Ozone Nonattainment Areas	
		1.	The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300. If the response to Question IV.B.1 is "No," go to Question IV.C.1.	☐ Yes ⊠ No
		2.	The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

IV.		e 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen appounds (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. 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.	⊠ Yes □ NO		
•	2.	The application area is located at a site that was a major source of NO_X before November 15, 1992.	Yes No N/A		
*	3.	The application area includes an electric generating facility required to comply with the System Cap in 30 TAC \S 117.320.	☐ Yes ⊠ No		
	D.	Adipic Acid Manufacturing			
		1. The application area is located at, or part of, an adipic acid production unit.	Yes No N/A		
	E.	Nitric Acid Manufacturing - Ozone Nonattainment Areas			
		1. The application area is located at, or part of, a nitric acid production unit.	☐ Yes ⊠ No ☐ 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). 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.	☐ Yes ⊠ 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).	Yes 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).	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

IV.		e 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen apounds (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.	Yes No	
*	5.	The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110.	☐ Yes ☐ 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>	Yes No	
	7.	An ACSS for carbon monoxide (CO) has been approved?	Yes No	
	8.	An ACSS for ammonia (NH ₃) has been approved?	Yes 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>	☐ Yes ⊠ No	
		2. The application area is complying with the System Cap in 30 TAC § 117.3020.	Yes No	
	н.	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. If the response to question IV.H.1 is "No," go to Section V.	☐ Yes ⊠ No	
		2. All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.	Yes 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL 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			
	Α.		oart B - National Volatile Organic Compound Emission Standards 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.	☐ Yes ⊠ 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. If the responses to Questions V.A.1 and V.A.2 are both "No," go to Section V.B.	☐ Yes ⊠ 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).	Yes No
	В.	_	oart C - National Volatile Organic Compound Emission Standards Consumer Products	
		1.	The application area manufactures consumer products for sale or distribution in the United States.	☐ Yes ⊠ 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.	☐ Yes ⊠ No
		3.	The application area is a distributor of consumer products whose name appears on the label of one or more of the products. If the responses to Questions V.B.1 - V.B.3 are all "No," go to Section V.C.	☐ Yes ⊠ 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).	Yes 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL 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.	☐ Yes ⊠ No
	2. If the	The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. responses to Questions V.C.1-2 are both "No," go to Section V.D.	☐ Yes ⊠ 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).	Yes 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.	☐ Yes ⊠ No
	2.	The application area is a distributor of aerosol coatings for resale or distribution in the United States.	☐ Yes ⊠ No
	Е.	Subpart F - Control of Evaporative Emissions from New and In-Use Portable Fuel Containers	
	1. If the	The application area manufactures or imports portable fuel containers for sale or distribution in the United States. response to Question V.E.1 is "No," go to Section VI.	☐ Yes ⊠ 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).	Yes 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. If the response to Question VI.A.1 is "No," go to Section VII.	⊠ Yes □ 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

VI.	Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
	В.	Subpart Y - Standards of Performance for Coal Preparation and Processing Plants	
	1. If the	The application area is located at a coal preparation and processing plant. response to Question VI.B.1 is "No," go to Section VI.C.	☐ Yes ⊠ No
	2. If the	The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). *response to Question VI.B.2 is "No," go to Section VI.C.	Yes No
	3. If the	The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. response to Question VI.B.3 is "Yes," go to Section VI.C.	Yes No
	4. If the	The plant contains an open storage pile, as defined in § 60.251, as an affected facility. response to Question VI.B.4 is "No," go to Section VI.C.	Yes No
	5.	The open storage pile was constructed, reconstructed or modified after May 27, 2009.	Yes 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. If the response to Question VI.C.1 is "No" or "N/A," go to Section VI.E.	Yes No 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. If the response to Question VI.C.2 is "No," go to Section VI.E.	Yes 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).	Yes 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.	Yes 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL 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.	Yes No
	D.	Subpart XX - Standards of Performance for Bulk Gasoline Terminals	
	1. If the	The application area includes bulk gasoline terminal loading racks. response to Question VI.D.1 is "No," go to Section VI.E.	☐ Yes ⊠ No ☐ 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.	Yes No
	Е.	Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO ₂) Emissions	
•	1.	The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). 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.	☐ Yes ⊠ No
•	2.	The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011. 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.	☐ Yes ☐ 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. 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.	☐ Yes ☐ 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

VI.		le 40 Code of Federal Regulations Part 60 - New Source Performance ndards (continued)		
	Е.	Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO ₂) Emissions (continued)		
*	4.	Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD. 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.	☐ Yes ☐ 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. If the	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. response to Question VI.F.1 is "No," go to Section VI.G.	☐ Yes ⊠ 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.	Yes No	
	G.	Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems		
	1. If the	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. **response to Question VI.G.1 is "No," go to Section VI.H.	☐ Yes ⊠ No	
_	2.	The application area includes storm water sewer systems.	Yes 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL 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.	Yes No
	4.	The application area includes non-contact cooling water systems.	☐ Yes ☐ No
	5. If the	The application area includes individual drain systems. response to Question VI.G.5 is "No," go to Section VI.H.	Yes No
	6.	The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	Yes No
	7.	The application area includes completely closed drain systems.	Yes No
	Н.	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. 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.	☐ Yes ⊠ No ☐ 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.	Yes 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.	Yes No
*	4.	The application area includes at least one air curtain incinerator. If the response to Question VI.H.4 is "No," go to Section VI.I.	☐ Yes ⊠ 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

VI.		itle 40 Code of Federal Regulations Part 60 - New Source Performance andards (continued)		
	н.	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. If the response to Question VI.H.5 is "No," go to Question VI.H.7.	Yes 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.	Yes 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.	Yes 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.	Yes 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. 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.	☐ Yes ⊠ No ☐ 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.	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL 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.	Yes No			
*	4.	The application area includes at least one air curtain incinerator. If the response to Question VI.I.4 is "No," go to Section VI.J.	☐ Yes ⊠ 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. If the response to Question VI.I.5 is "No," go to VI.I.7.	Yes 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.	Yes 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.	Yes 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.	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL 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. 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.	☐ Yes ⊠ No ☐ 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.	Yes 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.	Yes No		
*	4.	The application area includes at least one air curtain incinerator. If the response to Question VI.J.4 is "No," go to Section VI.K.	☐ Yes ⊠ 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. If the response to Question VI.J.5 is "No," go to Question VI.J.7.	Yes 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.	Yes 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.	Yes 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.
March 6, 2025	O1249	PN102041282

For SOP applications, answer ALL questions unless otherwise directed.

VI.		40 Code of Federal Regulations Part 60 - New Source Performance Standards S) (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.	Yes 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.	Yes 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.	Yes 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.	☐ Yes ⊠ No
VII.		40 Code of Federal Regulations Part 61 - National Emission Standards for rdous Air Pollutants	
	Α.	Applicability	
•	1.	The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts. If the response to Question VII.A.1 is "No" or "N/A," go to Section VIII.	Yes No N/A
	В.	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.	☐ Yes ⊠ 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.	Yes No 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

VII.		40 Code of Federal Regulations Part 61 - National Emission Standards for ardous Air Pollutants (continued)			
	D.		part L - National Emission Standard for Benzene Emissions from e 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). If the response to Question VII.D.1 is "No," go to Section VII.E.	☐ Yes ⊠ No	
		2.	The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b).	Yes No	
		3.	The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.	Yes No	
	E.	Subpart M - National Emission Standard for Asbestos			
		Appl	icability		
		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>	☐ Yes ⊠ No	
		Road	lway Construction		
		2.	The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	Yes No	
		Man	ufacturing Commercial Asbestos		
		3.	The application area includes a manufacturing operation using commercial asbestos. If the response to Question VII.E.3 is "No," go to Question VII.E.4.	Yes No	
			a. Visible emissions are discharged to outside air from the manufacturing operation	Yes No	
			b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

VII.		Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)			
	E.	Subp	art M	- National Emission Standard for Asbestos (continued)	
		Man	ufactu	ring Commercial Asbestos (continued)	
			c.	Asbestos-containing waste material is processed into non-friable forms.	☐ Yes ☐ No
			d.	Asbestos-containing waste material is adequately wetted.	Yes No
			e.	Alternative filtering equipment is being used that has received EPA approval.	☐ Yes ☐ 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	☐ Yes ☐ 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.	Yes No
		Asbe	stos S _I	pray Application	
		4.	mate	application area includes operations in which asbestos-containing rials are spray applied. *response to Question VII.E.4 is "No," go to Question VII.E.5.	☐ Yes ☐ No
			a. If the	Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying. response to Question VII.E.4.a is "Yes," go to Question VII.E.5.	☐ Yes ☐ No
			b.	Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.	☐ Yes ☐ No
			c.	An alternative emission control and waste treatment method is being used that has received prior EPA approval.	Yes 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

VII.		Fitle 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)		
	E.	Subpart	M - National Emission Standard for Asbestos (continued)	
		Asbestos	Spray Application (continued)	
		d.	Asbestos-containing waste material is processed into non-friable forms.	Yes No
		e.	Asbestos-containing waste material is adequately wetted.	☐ Yes ☐ No
		f.	Alternative filtering equipment is being used that has received EPA approval.	Yes No
		g.	A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles.	Yes 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.	Yes No
		Fabricat	ing Commercial Asbestos	
		ast	e application area includes a fabricating operation using commercial pestos. the response to Question VII.E.5 is "No," go to Question VII.E.6.	Yes No
		a.	Visible emissions are discharged to outside air from the manufacturing operation.	Yes No
		b.	An alternative emission control and waste treatment method is being used that has received prior EPA approval.	Yes No
		c.	Asbestos-containing waste material is processed into non-friable forms.	Yes No
		d.	Asbestos-containing waste material is adequately wetted.	☐ Yes ☐ No
		e.	Alternative filtering equipment is being used that has received EPA approval.	Yes 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

VII.		e 40 Code of Federal Regulations Part 61 - National Emission Standards for ardous Air Pollutants (continued)		
	E.	Subpart	M - National Emission Standard for Asbestos (continued)	
		Fabricati	ng Commercial Asbestos (continued)	
		f.	A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles.	Yes 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.	Yes No
		Non-spra	yed Asbestos Insulation	
		app	e application area includes insulating materials (other than spray lied insulating materials) that are either molded and friable or wet-lied and friable after drying.	Yes No
		Asbestos Conversion		
		con	e application area includes operations that convert regulated asbestos- taining material and asbestos-containing waste material into asbestos (asbestos-free) material.	Yes No
	F.		P - National Emission Standard for Inorganic Arsenic Emissions enic Trioxide and Metallic Arsenic Production Facilities	
		at a	e application area is located at a metallic arsenic production plant or in arsenic trioxide plant that processes low-grade arsenic bearing terials by a roasting condensation process.	☐ Yes ⊠ No
	G.	Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations		
		bul	e application area is located at a benzene production facility and/or k terminal. the response to Question VII.G.1 is "No," go to Section VII.H.	☐ Yes ⊠ No
			e application area includes benzene transfer operations at marine sel loading racks.	Yes 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

VII.		e 40 Code of Federal Regulations Part 61 - National Emission Standards for ardous 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.	Yes No	
		4.	The application area includes benzene transfer operations at tank-truck loading racks.	Yes No	
	Н.	Subp	part FF - National Emission Standard for Benzene Waste Operations		
		Appl	icability		
		1.	The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341.	⊠ Yes □ 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>	☐ Yes ⊠ No	
		3.	The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates. If the response to Question VII.H.3 is "Yes," go to Section VIII.	☐ Yes ⊠ 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). If the response to Question VII.H.4 is "Yes," go to Section VIII	⊠ Yes □ 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. If the response to Question VII.H.5 is "Yes," go to Section VIII.	☐ Yes ☐ 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

VII.		e 40 Code of Federal Regulations Part 61 - National Emission Standards for zardous Air Pollutants (continued)			
	Н.	Subpart FF - National Emission Standard for Benzene Waste Operations (continued)			
		Appl	Applicability (continued)		
		6.	The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.	Yes No	
		7.	The application area has waste streams with flow-weighted annual average water content of 10% or greater.	Yes No	
		Wast	te 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).	Yes 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.	☐ Yes ☐ 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.	Yes No	
		11.	The application area transfers waste off-site for treatment by another facility.	Yes No	
		12.	The application area is complying with 40 CFR § 61.342(d).	Yes 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>	Yes No	
		14.	The application area has facility waste with a flow weighted annual average water content of less than 10%.	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

VII.	I. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)			
	Н.	_	part FF - National Emission Standard for Benzene Waste Operations tinued)	
		Cont	tainer Requirements	
		15.	The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste. If the response to Question VII.H.15 is "No," go to Question VII.H.18.	Yes No
		16.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. If the response to Question VII.H.16 is "Yes," go to Question VII.H.18.	Yes No
		17.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	☐ Yes ☐ No
		Indiv	vidual Drain Systems	
		18.	The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste. If the response to Question VII.H.18 is "No," go to Question VII.H.25.	Yes No
		19.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. If the response to Question VII.H.19 is "Yes," go to Question VII.H.25.	Yes No
		20.	The application area has individual drain systems complying with 40 CFR § 61.346(a). If the response to Question VII.H.20 is "No," go to Question VII.H.22.	Yes 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.	Yes 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

VII.	II. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)				
	Н.	_	Subpart FF - National Emission Standard for Benzene Waste Operations (continued)		
		Indiv	vidual Drain Systems (continued)		
		22.	The application area has individual drain systems complying with 40 CFR § 61.346(b). If the response to Question VII.H.22 is "No," go to Question VII.H.25.	Yes 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.	Yes No	
		24.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	Yes No	
		Rem	ediation Activities		
		25.	Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.	Yes No	
VIII			ode of Federal Regulations Part 63 - National Emission Standards for s Air Pollutants for Source Categories		
	A.	Appl	licability		
*	1.	Part	application area includes a unit(s) that is subject to one or more 40 CFR 63 subparts other than subparts made applicable by reference under arts in 40 CFR Part 60, 61 or 63. See instructions for 40 CFR Part 63 subparts made applicable only by reference.	⊠ Yes □ No	
	В.		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). If the response to Question VIII.B.1 is "No," go to Section VIII.D.	☐ Yes ⊠ 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
В.	Pollu	part F - National Emission Standards for Organic Hazardous Air stants from the Synthetic Organic Chemical Manufacturing Industry tinued)		
	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). If the response to Question VIII.B.2 is "No," go to Section VIII.D.	☐ Yes ☐ 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.	Yes 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.	☐ Yes ☐ 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 coproduct, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. If the response to Questions VIII.B.3, B.4 and B.5 are all "No," go to Section VIII.D.	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL 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			
	Appl	icability		
	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. If the response to Question VIII.C.1 is "No," go to Section VIII.D.	☐ Yes ☐ No	
	2.	The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.	Yes No	
	3.	The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148. If the response to Question VIII.C.3 is "No," go to Question VIII.C.8.	Yes No	
	4.	The application area includes vapor collection systems or closed-vent systems that are constructed of hard piping.	Yes 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. If the response to Question VIII.C.5 is "No," go to Question VIII.C.8.	☐ Yes ☐ No	
	Vapor Collection and Closed Vent Systems		_	
	6.	Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area.	Yes 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.	☐ Yes ☐ 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

		ode of Federal Regulations Part 63 - National Emission Standards for s 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
	Proc	ess 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL 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)			
	Proc	ess Wastewater Streams (continued)		
	16.	The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii).	Yes 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>	☐ Yes ☐ No	
	18.	The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).	Yes No	
	19.	The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii).	☐ Yes ☐ 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.	Yes No	
	21.	The application area includes process wastewater streams, located at existing sources that are Group 2.	Yes 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.	Yes 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.	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL 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)			
	Proc	ess 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. If the response to Question VIII.C.24 is "Yes," go to Question VIII.C.34.	☐ Yes ☐ 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. If the response to Question VIII.C.25 is "No," go to Question VIII.C.27.	☐ Yes ☐ 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.	Yes 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.	Yes No	
	28.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. If the responses to Questions VIII.C.27 - VIII.C.28 are both "No," go to Question VIII.C.30.	☐ Yes ☐ 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.	Yes 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.	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL 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)		
	Drai	ns	
	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. If the response to Question VIII.C.31 is "No," go to Question VIII.C.34.	☐ Yes ☐ 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.	Yes 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.	Yes 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). If the response to Question VIII.C.34 is "No," go to Question VIII.C.39.	Yes 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). If the response to Question VIII.C.35 is "No," go to Question VIII.C.39.	☐ Yes ☐ 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.	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

		ode of Federal Regulations Part 63 - National Emission Standards for s 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)		
	Drai	ins (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.	☐ Yes ☐ No
	38.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(1)(1) or (1)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute.	☐ Yes ☐ 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.	Yes 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).	Yes No
D.	Har	part N - National Emission Standards for Chromium Emissions From d and Decorative Chromium Electroplating and Chromium dizing 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.	☐ Yes ⊠ 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

		ode of Federal Regulations Part 63 - National Emission Standards for s Air Pollutants for Source Categories (continued)	
Е.	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. If the response to Question VIII.E.1 is "No," go to Section VIII.F.	☐ Yes ⊠ No
	2.	Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O. If the response to Question VIII.E.2 is "No," go to Section VIII.F.	Yes 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.	Yes 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.	Yes 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>	⊠ Yes□ No
	2.	Chromium-based water treatment chemicals have been used on or after September 8, 1994.	☐ Yes ⊠ No
G.	_	part R - National Emission Standards for Gasoline Distribution lities (Bulk Gasoline Terminals and Pipeline Breakout Stations)	
	1.	The application area includes a bulk gasoline terminal.	☐ Yes ⊠ No
	2.	The application area includes a pipeline breakout station. If the responses to Questions VIII.G.1 and VIII.G.2 are both "No," go to Section VIII.H.	☐ Yes ⊠ 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. If the response to Question VIII.G.3 is "Yes," go to Question VIII.G.10.	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL 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.	Facil	part R - National Emission Standards for Gasoline Distribution lities (Bulk Gasoline Terminals and Pipeline Breakout Stations) tinued)		
	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. If the response to Question VIII.G.4 is "Yes," go to Question VIII.G.10.	☐ Yes ☐ No	
	5.	An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station. If the response to Question VIII.G.5 is "No," go to Question VIII.G.10.	Yes 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). If the response to Question VIII.G.6 is "No," go to Question VIII.G.10.	Yes No	
	7.	Emissions screening factor less than 0.5 (ET or EP < 0.5). If the response to Question VIII.G.7 is "Yes," go to Section VIII.H.	Yes No	
	8.	Emissions screening factor greater than or equal to 0.5, but less than 1.0 $(0.5 \le \text{ET or EP} < 1.0)$. If the response to Question VIII.G.8 is "Yes," go to Section VIII.H.	Yes No	
	9.	Emissions screening factor greater than or equal to 1.0 (ET or EP \geq 1.0). If the response to Question VIII.G.9 is "Yes," go to Question VIII.G.11.	Yes No	
	10.	The site at which the application area is located is a major source of HAP. If the response to Question VIII.G.10 is "No," go to Section VIII.H.	Yes No	
	11.	The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
Н.		part S - National Emission Standards for Hazardous Air Pollutants 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. If the response to Question VIII.H.1 is "No," go to Section VIII.I.	☐ Yes ⊠ No	
	2.	The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3). If the response to Question VIII.H.2 is "No," go to Section VIII.I.	☐ Yes ☐ No	
	3.	The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources. If the response to Question VIII.H.3 is "No," go to Section VIII.I.	Yes No	
	4.	The application area includes one or more kraft pulping systems that are existing sources.	Yes No	
	5.	The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.	Yes 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. If the response to Question VIII.H.6 is "No," go to Section VIII.I.	☐ Yes☐ No	
	7.	The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).	Yes No	
	8.	The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL 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.	Subp Clea			
	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.	☐ Yes ⊠ 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.	☐ Yes ⊠ 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.	☐ Yes ⊠ No	
J.		part U - National Emission Standards for Hazardous Air Pollutant sions: 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. If the response to Question VIII.J.1 is "No," go to Section VIII.K.	☐ Yes ⊠ 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. If the response to Question VIII.J.2 is "No," go to Section VIII.K.	☐ Yes ☐ 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.	Yes No	
	4.	The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL 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.		part U - National Emission Standards for Hazardous Air Pollutant ssions: 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. If the response to Question VIII.J.5 is "Yes," go to Question VIII.J.15.	Yes 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. If the response to Question VIII.J.6 is "No," go to Question VIII.J.8.	Yes 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.	Yes 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.	Yes No	
	9.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. If the responses to Questions VIII.J.8 - VIII.J.9 are both "No," go to Question VIII.J.11.	Yes 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.	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL 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)			
	Cont	ainers		
	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	
	Drain	ns		
	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. If the response to Question VIII.J.12 is "No," go to Question VIII.J.15.	Yes No	
	13.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	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. If the response to Question VIII.J.15 is "No," go to Section VIII.K.	Yes No	
	16.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12). If the response to Question VIII.J.16 is "No," go to Section VIII.K.	Yes No	

Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 47)

Federal Operating Permit Program Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL 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.		part U - National Emission Standards for Hazardous Air Pollutant sions: Group 1 Polymers and Resins (continued)	
	Drain	ns (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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
K.	_	part W - National Emission Standards for Hazardous Air Pollutants 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. If the response to Question VIII.K.1 is "No" or "N/A," go to Section VIII.L.	☐ Yes ⊠ No ☐ N/A
	2.	The application area includes a BLR and/or WSR research and development facility.	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

VIII			ode of Federal Regulations Part 63 - National Emission Standards for S Air Pollutants for Source Categories (continued)	
	L.		oart X - National Emission Standards for Hazardous Air Pollutants 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. If the response to Question VIII.L.1 is "No" or "N/A," go to Section VIII.M.	☐ Yes ⊠ No ☐ 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.	Yes No
	М.		eart Y - National Emission Standards for Marine Tank Vessel ling 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.	☐ Yes ⊠ No
	N.		oart CC - National Emission Standards for Hazardous Air Pollutants Petroleum Refineries	
		Appl	icability	
		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). If the response to Question VIII.N.1 is "No," go to Section VIII.O.	☐ Yes ⊠ 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). If the response to Question VIII.N.2 is "Yes," go to Section VIII.O.	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL 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.		part CC - National Emission Standards for Hazardous Air Pollutants Petroleum Refineries (continued)		
	Appl	icability (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). If the response to Question VIII.N.3 is "No," go to Section VIII.O.	Yes 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. If the response to Question VIII.N.4 is "No," go to Section VIII.O.	☐ Yes ☐ 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.	Yes 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.	Yes 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. If the response to Question VIII.N.7 is "No," go to Question VIII.N.13.	Yes No	
	8.	The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

		ode of Federal Regulations Part 63 - National Emission Standards for s Air Pollutants for Source Categories (continued)	
N.	1	part CC - National Emission Standards for Hazardous Air Pollutants Petroleum Refineries (continued)	
	Appl	icability (continued)	
	9.	The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). If the response to Question VIII.N.9 is "No," go to Question VIII.N.13.	Yes 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.	☐ Yes ☐ No
	Cont	ainers, Drains, and other Appurtenances	
	11.	The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	Yes No
	12.	The application area includes individual drain systems that are subject to the requirements of 40 CFR \S 63.136 as a result of complying with 40 CFR \S 63.640(o)(2)(ii).	Yes No
	13.	The application area includes Group 1 gasoline loading racks as specified in § 63.650(a).	Yes No
0.		oart DD - National Emission Standards for Off-site Waste and every Operations	
	1.	The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). If the response to Question VIII.O.1 is "No" or "N/A," go to Section VIII.P	☐ Yes ⊠ No ☐ N/A
	2.	Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	Yes 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.	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
0.		part DD - National Emission Standards for Off-site Waste and overy 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).	Yes 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."	Yes No
	6.	The predominant activity in the application area is the treatment of wastewater received from off-site.	Yes 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).	Yes 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.	☐ YES ☐ 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).	Yes 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>	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
О.		oart DD - National Emission Standards for Off-site Waste and overy 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. If the response to Question VIII.O.11 is "No," go to Question VIII.O.14.	☐ Yes ☐ No	
	12.	VOHAP concentration is determined by direct measurement.	☐ Yes ☐ No	
	13.	VOHAP concentration is based on knowledge of the off-site material.	Yes 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. If the response to Question VIII.O.14 is "No," go to Question VIII.O.17.	Yes 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.	Yes No	
	16.	An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.	Yes No	
	17.	The application area includes containers that manage non-exempt off-site material.	Yes No	
	18.	The application area includes individual drain systems that manage non-exempt off-site materials.	Yes 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

VIII.		itle 40 Code of Federal Regulations Part 63 - National Emission Standards for [azardous 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. If the response to Question VIII.P.1 is "No" or "N/A," go to Section VIII.Q.	☐ Yes⊠ No ☐ N/A	
		2. The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	☐ Yes ☐ 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.	☐ Yes ⊠ 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. For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.R. For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.Z.	☐ Yes ⊠ No	
•	3.	The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. For SOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.Z.	☐ Yes ☐ No	
•	4.	The application area is located at a site that is a major source of HAP. If the response to Question VIII.Q.4 is "No," go to Question VIII.Q.6.	☐ Yes ☐ 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

VIII.	TII. 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 ft³) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day. For SOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.Z. For all applications, if the response to Question VIII.Q.5 is "No," go to Question VIII.Q.9.	☐ Yes ☐ No	
•	6.	The application area includes a triethylene glycol (TEG) dehydration unit. For SOP applications, f 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.	Yes 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.	Yes 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.	Yes 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).	Yes 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

VIII.	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
	R.		oart II - National Emission Standards for Shipbuilding and Ship hir (Surface Coating)	
		1.	The application area includes shipbuilding or ship repair operations. If the response to Question VIII.R.1 is "NO," go to Section VIII.S.	☐ Yes ⊠ No
		2.	Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.	Yes No
	S.		oart JJ - National Emission Standards for Wood Furniture ufacturing Operations	
		1.	The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations. If the response to Question VIII.S.1 is "No" or "N/A," go to Section VIII.T.	☐ Yes ⊠ No ☐ N/A
		2.	The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.	Yes No
	Т.	_	oart KK - National Emission Standards for the Printing and ishing Industry	
		1.	The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.	Yes No N/A
	U.	Subp	oart 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. If the response to Question VIII.U.1 is "NO," go to Section VIII.V.	☐ Yes ⊠ No
		2.	The application area includes containers using Container Level 1 controls.	Yes No
		3.	The application area includes containers using Container Level 2 controls.	Yes 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

VIII.		itle 40 Code of Federal Regulations Part 63 - National Emission Standards for [azardous 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.	Yes 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.	☐ Yes ⊠ 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.	☐ Yes ⊠ No	
	2. If the	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. responses to Questions VIII.W.1 and VIII.W.2 are both "No," go to Question VIII.W.20.	☐ Yes ⊠ 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).	Yes 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).	Yes 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.	Yes No	
	6. If the	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. response to Question VIII.W.6 is "No," go to Question VIII.W.8.	Yes 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL 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.	☐ Yes ☐ 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.	☐ Yes ☐ No		
	9. If the	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. responses to Questions VIII.W.8 and W.9 are both "No," go to Question VIII.W.11.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	Yes No		
	12. If the	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. *response to Question VIII.W.12 is "No," go to Question VIII.W.15.	☐ Yes ☐ 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.	☐ 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		

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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

VIII.	III. 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. If the	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. response to Question VIII.W.15 is "No," go to Question VIII.W.20.	☐ Yes ☐ No	
	16. If the	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). response to Question VIII.W.16 is "No," go to Question VIII.W.20.	Yes 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.	Yes 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.	☐ Yes ☐ 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL 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.	Yes No
20.	The application area includes an ethylene production process unit.	☐ Yes ⊠ No ☐ N/A
21. If the	The application area includes waste streams generated from an ethylene production process unit. responses to Questions VIII.W.20 and VIII.W.21 are both "No" or "N/A," go to Question VIII.W.54.	☐ Yes ⊠ No ☐ N/A
22. If the	The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1). *response to Question VIII.W.22 is "No," go to Question VIII.W.54.	Yes No
23. If the	Waste stream(s) are transferred off-site for treatment. response to Question VIII.W.23 is "No," go to Question VIII.W.25.	Yes No
24. If the	The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. response to Question VIII.W.24 is "No," go to Question VIII.W.54.	Yes 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

VIII.	III. 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 \S 61.342(a).	Yes No	
	26. If the	The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b). response to Question VIII.W.26 is "No," go to Question VIII.W.43.	☐ Yes ☐ No	
	27. If the	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. response to Question VIII.W.27 is "No," go to Question VIII.W.43.	Yes No	
	28. If the	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). *response to Question VIII.W.28 is "No," go to Question VIII.W.33.	☐ Yes ☐ No	
	29.	The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	Yes No	
	30. If the	The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. response to Question VIII.W.30 is "No," go to Question VIII.W.43.	Yes No	
	31.	The application area includes individual drain systems that are complying with $40~\mathrm{CFR}~\S~63.136$ through the use of cover and, if vented, closed vent systems and control devices.	Yes 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL 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. If the	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. response to Question VIII.W.32 is required, go to Question VIII.W.43.	Yes No	
33. If the	The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream. response to Question VIII.W.33 is "No," go to Question VIII.W.36.	Yes No	
34. If the	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. response to Question VIII.W.34 is "Yes," go to Question VIII.W.36.	☐ Yes ☐ No	
35.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	Yes No	
36. If the	The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream. response to Question VIII.W.36 is "No," go to Question VIII.W.43.	☐ Yes ☐ No	
37. If the	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. response to Question VIII.W.37 is "Yes," go to Question VIII.W.43.	Yes 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
V	W.	Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)		
	88. If the	The application area has individual drain systems complying with 40 CFR § 61.346(a). *response to Question VIII.W.38 is "No," go to Question VIII.W.40.	☐ Yes ☐ 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.	☐ Yes ☐ No	
	10. If the	The application area has individual drain systems complying with 40 CFR § 61.346(b). *response to Question VIII.W.40 is "No," go to Question VIII.W.43.	Yes No	
4	l1.	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.	Yes No	
4	12.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	Yes No	
	13. If the	The application area has at least one waste stream that contains benzene. response to Question VIII.W.43 is "No," go to Question VIII.W.54.	Yes No	
	14. If the	The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene. response to Question VIII.W.44 is "No," go to Question VIII.W.47.	Yes No	
	15. If the	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. response to Question VIII.W.45 is "Yes," go to Question VIII.W.47.	Yes 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

VIII.	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.	Yes No	
	47. If the	The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene. response to Question VIII.W.47 is "No," go to Question VIII.W.54.	Yes No	
	48. If the	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. response to Question VIII.W.48 is "Yes," go to Question VIII.W.54.	Yes No	
	49. If the	The application area has individual drain systems complying with 40 CFR § 61.346(a). *response to Question VIII.W.49 is "No," go to Question VIII.W.51.	Yes 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.	Yes No	
	51. If the	The application area has individual drain systems complying with 40 CFR § 61.346(b). *response to Question VIII.W.51 is "No," go to Question VIII.W.54.	Yes 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.	Yes 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL 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.	Yes No
54. If the	The application area contains a cyanide chemicals manufacturing process. response to Question VIII.W.54 is "No," go to Section VIII.X.	☐ Yes ⊠ No
55.	The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	Yes No
Χ.	Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	
1. If the	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. *response to Question VIII.X.1 is "No," go to Section VIII.Y.	☐ Yes ⊠ No
2. If the	The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units. response to Question VIII.X.2 is "No," go to Section VIII.Y.	Yes No
3. If the	All process wastewater streams generated or managed in the application area are from sources producing polystyrene. response to Question VIII.X.3 is "Yes," go to Section VIII.Y.	Yes No
4. If the	All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. response to Question VIII.X.4 is "Yes," go to Section VIII.Y.	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL 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	ζ.	Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)		
5.	i.	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.	Yes 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.	☐ Yes ☐ 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.	Yes No	
8. If		All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. response to Question VIII.X.8 is "Yes," go to Question VIII.X.18.	Yes No	
9. If		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. response to Question VIII.X.9 is "No," go to Question VIII.X.11.	Yes No	
10	0.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	Yes No	
1	1.	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.	Yes No	
	2. f the	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. responses to Questions VIII.X.11 - VIII.X.12 are both "No," go to Question VIII.X.14.	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
2	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.	Yes 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.	Yes No	
		Drains		
1	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.	☐ Yes ☐ No	
ļ	If the	response to Question VIII.X.15 is "No," go to Question VIII.X.18.		
1	16.	The application area includes individual drain systems that are complying with $40~\mathrm{CFR}~\S~63.136$ through the use of cover and, if vented, closed vent systems and control devices.	Yes 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.	Yes No	
	18. If the	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a thermoplastic product process unit. response to Question VIII.X.18 is "No," go to Section VIII.Y.	Yes 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

	YIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
X.	Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)			
	Drains (continued)			
19. <i>If tl</i>	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). The response to Question VIII.X.19 is "NO," go to Section VIII.Y.	Yes 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.	Yes 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.	Yes 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	Yes 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

VIII.	. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
	Υ.	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.	☐ Yes ⊠ 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.	☐ Yes ⊠ 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).	☐ Yes ⊠ No	
	2.	The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	☐ Yes ⊠ No	
	3. If the	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. response to Question VIII.AA.1, AA.2 or AA.3 is "No," go to Section VIII.BB.	☐ Yes ⊠ No	
	4. If the	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. response to Question VIII.AA.4 is "No," go to Section VIII.BB.	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL 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. If th	The application area includes process wastewater streams. e response to Question VIII.AA.5 is "No," go to Question VIII.AA.24.	Yes 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.	☐ Yes ☐ 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.	Yes 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.	Yes 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.	Yes 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. e response to Question VIII.AA.10 is "Yes," go to Question VIII.AA.24.	Yes No		
11. If th	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. e response to Question VIII.AA.11 is "No," go to Question VIII.AA.13.	Yes 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.	Yes 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.	☐ Yes ☐ No		

Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 70)

Federal Operating Permit Program

			0	0	
Texas	Commiss	sion on	Environn	nental (Duality

Date	Permit No.	Regulated Entity No.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL 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. If the	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. responses to Questions VIII.AA.13 and VIII.AA.14 are both "No," go to Question VIII.AA.20.	☐ Yes ☐ No	
15. If the	Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). response to Question VIII.AA.15 is "No," go to Question VIII.AA.17.	Yes 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.	Yes 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. response to Question VIII.AA.17 is "No," go to Question VIII.AA.19.	Yes 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.	Yes 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.	Yes 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.	Yes No	
21. If the	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. response to Question VIII.AA.21 is "No," go to Question VIII.AA.24.	☐ Yes ☐ 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.	Yes 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
A	A.	Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
23	3.	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
24 If		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). *response to Question VIII.AA.24 is "No," go to Section VIII.BB.	Yes No
25 If		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). response to Question VIII.AA.25 is "No," go to Section VIII.BB.	☐ Yes ☐ No
26	6.	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.	☐ Yes ☐ No
27	7.	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.	☐ Yes ☐ No
28	8.	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.	☐ Yes ☐ 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

	/III. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
ВІ			
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.	☐ Yes ⊠ No	
CO	C. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation		
1. <i>If</i> i	The application area includes a facility at which a site remediation is conducted. the answer to Question VIII.CC.1 is "No," go to Section VIII.DD.	☐ Yes ⊠ No	
2. If t	The application area is located at a site that is a major source of HAP. he answer to Question VIII.CC.2 is "No," go to Section VIII.DD.	Yes No	
3.	All site remediations qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). the answer to Question VIII.CC.3 is "Yes," go to Section VIII.DD.	Yes No	
4. <i>If t</i>	All site remediation activities are complete, and the Administrator has been notified in writing. the answer to Question VIII.CC.4 is "Yes," go to Section VIII.DD.	Yes 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. the answer to Question VIII.CC.5 is "Yes," go to Section VIII.DD.	Yes No	
6.	The site remediation will be completed within 30 consecutive calendar days.	☐ Yes ☐ No	
7. If t	No site remediation will exceed 30 consecutive calendar days. he answer to Question VIII.CC.7 is "Yes," go to Section VIII.DD.	Yes No	
8.	Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	Yes No	
9. <i>If</i> i	All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. he answer to Question VIII.CC.9 is "Yes," go to Section VIII.DD.	Yes 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL 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).	Yes 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).	Yes 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). The response to Question VIII.CC.12 is "No," go to Question VIII.CC.14.	☐ Yes ☐ 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.	Yes No	
14. <i>If th</i>	The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. e response to Question VIII.CC.14 is "No," go to Question VIII.CC.21.	Yes 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).	Yes 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).	Yes No	
17.	The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	Yes 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).	☐ Yes ☐ No	
19.	The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	Yes No	
20.	The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	Yes No	
21.	The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	Yes 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

	II. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
	DD.	Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities	
	1. If the	The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions. response to Question VIII.DD.1 is "No," go to Section VIII.EE.	☐ Yes ⊠ No
	2. If the	The EAF steelmaking facility is a research and development facility. response to Question VIII.DD.2 is "Yes," go to Section VIII.EE.	Yes No
	3.	Metallic scrap is utilized in the EAF.	Yes No
,	4.	Scrap containing motor vehicle scrap is utilized in the EAF.	☐ Yes ☐ No
	5.	Scrap not containing motor vehicle scrap is utilized in the EAF.	☐ Yes ☐ No
	EE.	Subpart BBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities	
	1. <i>If the</i>	The application area is located at a site that is an area source of HAPs. answer to Question EE.1 is "No," go to Section VIII.FF.	⊠ Yes □ 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.	☐ Yes ⊠ No
	3.	The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	☐ Yes ⊠ 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

VIII.	II. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
	EE.	Subpart BBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)	
	4. If the	The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. answer to Question VIII.EE.4 is "No," go to Question VIII.EE.6.	☐ Yes ☐ 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).	☐ Yes ☐ No
	6. If the	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. answer to Question VIII.EE.6 is "No," go to Section VIII.FF.	☐ Yes ☐ No
	7. If the	The bulk gasoline terminal has throughput of less than 250,000 gallons per day. answer to Question VIII.EE.7 is "Yes," go to Section VIII.FF.	Yes No
	8.	The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	Yes No
	9. If the	The bulk gasoline terminal loads gasoline into railcar cargo tanks. answer to Question VIII.EE.9 is "No," go to Section VIII.FF.	Yes No
	10.	The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	☐ Yes ☐ No

Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 76)

Federal Operating Permit Program Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

VIII.	III. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
	EE.	Subpart BBBBB - 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.	Yes No	
	FF.	Subpart CCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities		
*	1.	The application area is located at a site that is an area source of hazardous air pollutants. If the answer to Question VIII.FF.1 is "No," go to Section VIII.GG.	⊠ Yes □ No	
*	2.	The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. If the answer to Question VIII.FF.2 is "No," go to Section VIII.GG.	☐ Yes ⊠ No	
•	3.	The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	Yes 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.	Yes 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. 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.	⊠ Yes □ No	
•	2.	Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.		
Subp	Subpart ZZZZ			

Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page77)

Federal Operating Permit Program Texas Commission on Environmental Quality

Date	Permit No. Regulated Entity No	
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

IX.	Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions		
	Α.	Applicability	
*	1.	The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.	⊠ Yes □ No
X.		40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of tospheric Ozone	
	Α.	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.	☐ Yes ⊠ No ☐ N/A
	В.	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.	☐ Yes ⊠ 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.	Yes No N/A
	D.	Subpart D - Federal Procurement	
*	1.	The application area is owned/operated by a department, agency, or instrumentality of the United States.	Yes No 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.	Yes No N/A
*	2.	The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.	☐ Yes ⊠ No ☐ 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.	☐ Yes ⊠ No ☐ 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL 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.	⊠ Yes □ No	
•	2.	Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.	☐ Yes ⊠ No ☐ N/A	
*	3.	The application area manufactures appliances or refrigerant recycling and recovery equipment.	☐ Yes ⊠ No ☐ 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. If the response to Question X.G.1 is "No" or "N/A," go to Section X.H.	☐ Yes ⊠ No ☐ 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).	Yes No N/A	
	н.	Subpart H -Halon Emissions Reduction		
*	1.	Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.	☐ Yes ⊠ No ☐ N/A	
*	2.	Disposal of halons or manufacturing of halon blends is conducted in the application area.	Yes No N/A	
XI.	Misc	cellaneous		
	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.	☐ Yes ⊠ 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

XI.	Misc	Miscellaneous (continued)		
	В.	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. If the response to Question XI.B.1 is "No" or "N/A," go to Section XI.C.	☐ Yes ⊠ No ☐ N/A	
*	2.	Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.		
	C.	Emission Limitation Certifications		
•	1.	The application area includes units for which federally enforceable emission limitations have been established by certification.	⊠ Yes □ 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).	☐ Yes ⊠ No	
	2.	The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	☐ Yes ⊠ No	
	3. If the	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. response to Question XI.D.3 is "Yes," please include a copy of the approval document with the application.	☐ Yes ⊠ No	
	4. If the	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. response to Question XI.D.4 is "Yes," please include a copy of the approval document with the application.	☐ Yes ⊠ 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.	
March 6, 2025	O1249	RN102041282	

For SOP applications, answer ALL questions unless otherwise directed.

XI.	Misc	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.	☐ Yes ⊠ No	
	2.	The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.	☐ Yes ⊠ No	
	3.	The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.	☐ Yes ⊠ No	
	F.	40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO _X Ozone Season Group 2 Trading Program		
	1. If the	The application area includes emission units subject to the requirements of the CSAPR NO _X Ozone Season Group 2 Trading Program. response to Question XI.F.1 is "No," go to Question XI.F.7.	☐ Yes ⊠ 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.	Yes 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.	Yes 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.	☐ Yes ☐ 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.	Yes 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.	Yes No	
	7.	The application area includes emission units that qualify for the CSAPR NO_X Ozone Season Group 2 retired unit exemption.	☐ Yes ⊠ 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

XI.	Miscellaneous (continued)		
	G.	40 CFR Part 97, Subpart FFFFF - Texas SO ₂ Trading Program	
	1. If the	The application area includes emission units complying with the requirements of the Texas SO ₂ Trading Program. response to Question XI.G.1 is "No," go to Question XI.G.6.	☐ Yes ⊠ 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.	Yes 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.	☐ Yes ☐ No
	4.	The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR \S 75.19 for SO ₂ and heat input.	Yes 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.	☐ Yes ☐ No
	6.	The application area includes emission units that qualify for the Texas SO_2 Trading Program retired unit exemption.	☐ Yes ⊠ 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.	⊠ Yes □ 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

XI.	Misc	Aiscellaneous (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.	☐ Yes ☐ 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.	Yes 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.	Yes 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.	Yes 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.	Yes No	
	J.	Title 30 TAC Chapter 101, Subchapter H		
♦	1.	The application area is located in a nonattainment area. If the response to Question XI.J.1 is "No," go to Question XI.J.3.	⊠ Yes □ No	
♦	2.	The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	Yes No N/A	
*	3.	The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	Yes No No 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	
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

XI.	Misc	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 . If the response to Question XI.J.4 is "Yes," go to Question XI.J.6.	⊠ Yes □ 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 $101.351(c)$.	☐ Yes ☐ No	
	6.	The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	☐ Yes ⊠ 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.	☐ Yes ⊠ 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.	☐ Yes ⊠ 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. If the response to Question XI.K.1 is "Yes," go to Section XI.L.	⊠ Yes □ No	
•	2.	The permit currently contains at least one periodic monitoring requirement. If the responses to Questions XI.K.1 and XI.K.2 are both "No," go to Section XI.L.	⊠ Yes □ No	
*	3.	All periodic monitoring requirements are being removed from the permit with this application.	☐ Yes ⊠ 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

XI.	Misc	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. If the response to Question XI.L.1 is "No," go to Section XI.M.	☐ Yes ⊠ No	
•	2.	The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. If the response to Question XI.L.2 is "No," go to Section XI.M.	Yes No	
*	3.	The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	Yes 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. If the responses to Questions XI.L.3 and XI.L.4 are both "No," go to Section XI.M.	Yes 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.	Yes 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).	Yes 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). If the response to Question XI.L.8 is "Yes," go to Section XI.M.	Yes 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

XI.	Misc	(iscellaneous (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.	Yes 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.	Yes 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.	Yes No	
♦	12.	The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.	Yes No	
	М.	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. If the response to Question XI.M.1 is "No," or "N/A," go to Section XII.	☐ Yes ⊠ No ☐ 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.	Yes 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. If the response to XII.A.1 is "Yes," include the waste permit numbers and issuance date in Section XII.J.	☐ Yes ⊠ 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

XII.	New	New Source Review (NSR) Authorizations (continued)		
	В.	Air Quality Standard Permits		
*	1.	The application area includes at least one Air Quality Standard Permit NSR authorization. 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.	⊠ Yes □ No	
♦	2.	The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617.	☐ Yes ⊠ No	
♦	3.	The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.	⊠ Yes □ 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.	☐ Yes ⊠ 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.	☐ Yes ⊠ No	
♦	6.	The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.	☐ Yes ⊠ 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.	☐ Yes ⊠ No	
	8.	The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.	☐ Yes ⊠ No	
	9.	The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.	☐ Yes ⊠ No	
	10.	The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.	☐ Yes ⊠ 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

XII.	New	New Source Review (NSR) Authorizations (continued)		
	В.	Air Quality Standard Permits (continued)		
*	11.	The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.	☐ Yes ⊠ No	
*	12.	The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. If the response to XII.B.12 is "No," go to Question XII.B.15.	☐ Yes ⊠ No	
*	13.	For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	Yes No	
*	14.	For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	Yes No	
*	15.	The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	☐ Yes ⊠ No	
*	16.	The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.	☐ Yes ⊠ No	
	C.	Flexible Permits		
	1.	The application area includes at least one Flexible Permit NSR authorization.	☐ Yes ⊠ No	
	D.	Multiple Plant Permits		
	1.	The application area includes at least one Multi-Plant Permit NSR authorization.	☐ Yes ⊠ 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.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

- For GOP applications, answer ONLY these questions unless otherwise directed.
- XII. NSR Authorizations (Attach additional sheets if necessary for sections XII.E-J.)

E. PSD Permits and PSD Major Pollutants

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

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

F. Nonattainment (NA) Permits and NA Major Pollutants

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

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

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

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

Application Area-Wide Applicability Determinations and General Information Form OP-REO1 (Page 89)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
March 6, 2025	O1249	RN102041282

For SOP applications, answer ALL questions unless otherwise directed.

- For GOP applications, answer ONLY these questions unless otherwise directed.
 - XII. NSR Authorizations (continued) (Attach additional sheets if necessary for sections XII.E-J.)
- ♦ H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
21878	12/11/2017 09/10/2021				
108267	03/28/2013 02/07/2022				
771A	06/23/2010				

♦ 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
102	09/13/1993	106.263	11/01/2001	106.412	09/04/2000
106.183	09/04/2000	106.371	09/04/2000	106.454	11/01/2001
106.227	09/04/2000	106.372	09/04/2000	106.511	09/04/2000
106.261	11/01/2003	106.373	09/04/2000	106.532	09/04/2000
106.262	11/01/2003				

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

Date	Permit No.	Regulated Entity No.
March 6, 2025	O1249	RN102041282

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
		ASUOWS1470	OP-REQ2	30 TAC Chapter 115, Water Separation	115.137(a)(3)	Separator is fully covered and designed to capture stormwater, spills or exterior surface cleanup water.
		ASUOWS1470	OP-REQ2	40 CFR Part 63, Subpart VV	63.1040	Facility does not control air emission from oil-water separator for which another subpart of 40 CFR Part 60, 61, 63 references.
		ASUOWSV991	OP-REQ2	30 TAC Chapter 115, Water Separation	115.137(a)(3)	Separator is fully covered and designed to capture stormwater, spills or exterior surface cleanup water.
		ASUOWSV991	OP-REQ2	40 CFR Part 63, Subpart VV	63.1040	Facility does not control air emission from oil-water separator for which another subpart of 40 CFR Part 60, 61, 63 references.
		ASU-PW	OP-REQ2	30 TAC Chapter 115, Degreasing Processes	115.411(4)	Cold solvent has a vapor pressure less than 0.6 psia @ 100 degrees F; Drain area is less than 16 in2; Waste solvent is properly disposed of.
A	12	AUXBLR	OP-UA6	30 TAC Chapter 112, Sulfur Compounds	112.8(a)	Not a solid fossil fuel-fired steam generator.
A	12	AUXBLR	OP-UA6	30 TAC Chapter 112, Sulfur Compounds	112.9(a)	Not a liquid fossil fuel-fired steam generator.
A	12	AUXBLR	OP-UA6	40 CFR Part 60, Subpart D	60.40(a)(1)	The unit has heat input less than 250 MMBtu/hr.
A	12	AUXBLR	OP-UA6	40 CFR Part 60, Subpart Da	60.40a(a)(1)	The unit has heat input less than 250 MMBtu/hr.

Date	Permit No.	Regulated Entity No.
March 6, 2025	O1249	RN102041282

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	12	AUXBLR	OP-UA6	40 CFR Part 60, Subpart Db	60.40b(a)	The unit has heat input less than 100 MMBtu/hr.
A	12	AUXBLR	OP-UA6	40 CFR Part 63, Subpart DDDDD	63.7485	Boiler is not located at, nor is part of, a major source of HAP.
		CH4COLUMN	OP-REQ2	40 CFR Part 60, Subpart NNN	60.660(a)	Process unit does not produce any of the SOCMI chemicals listed in §60.667 as product, co-product, by-product or intermediate.
		CO2STRIP	OP-REQ2	40 CFR Part 60, Subpart NNN	60.660(a)	Process unit does not produce any of the SOCMI chemicals listed in §60.667 as product, co-product, by-product or intermediate.
		F	OP-REQ2	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	115.352	Facility is not an affected source as defined in this subpart.
A	2	F	OP-REQ2	30 TAC Chapter 115, HRVOC Vent Gas Control	115.780(a)	Not within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl tert-butyl ether manufacturing process; or natural gas/gasoline processing operation, in which a HRVOC is a raw material, intermediate, final product, or in a waste stream?
A	2	F	OP-REQ2	40 CFR Part 60, Subpart DDD	60.560(a)	Not involved in the manufacture of polypropylene, polyethylene, polystyrene, or poly (ethylene terephthalate).

Date	Permit No.	Regulated Entity No.
March 6, 2025	O1249	RN102041282

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
A	2	F	OP-REQ2	40 CFR Part 60, Subpart GGG	60.590(a)(1)	Not located in a petroleum refinery.
A	2	F	OP-REQ2	40 CFR Part 60, Subpart KKK	60.630(a)(1)	Not located at an onshore natural gas processing plant.
A	2	F	OP-REQ2	40 CFR Part 60, Subpart VV	60.480(a)(1)	Not a SOCMI process.
A	2	F	OP-REQ2	40 CFR Part 61, Subpart J	61.110(a)	Does not operate in benzene service.
A	2	F	OP-REQ2	40 CFR Part 61, Subpart V	61.240(a)	Does not operate in VHAP service.
A	2	F	OP-REQ2	40 CFR Part 63, Subpart H	63.160(a)	Does not operate in OHAP service for 300 hours or more during the calendar year.
A	2	F	OP-REQ2	40 CFR Part 63, Subpart I	63.190(b)	Not a major source of HAPs as defined in section 112(a) of the CAA.
A	22	GRP-TANK1	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	The storage tank does not store VOC.
A	22	GRP-TANK1	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	The storage vessel does not store volatile organic liquids (VOL) or petroleum liquids.
A	23	GRP-TANK2	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	The storage tank has a storage capacity less than or equal to 1,000 gallons.
A	23	GRP-TANK2	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	The storage vessel has a storage capacity less than 19,800 gallons and constructed after July 23, 1984.

Date	Permit No.	Regulated Entity No.
March 6, 2025	O1249	RN102041282

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
		H2STRIP	OP-REQ2	40 CFR Part 60, Subpart NNN	60.660(a)	Process unit does not produce any of the SOCMI chemicals listed in §60.667 as product, co-product, by-product or intermediate.
		H3OWSV806	OP-REQ2	30 TAC Chapter 115, Water Separation	115.137(a)(3)	Separator is fully covered and designed to capture stormwater, spills or exterior surface cleanup water.
		H3OWSV806	OP-REQ2	40 CFR Part 63, Subpart VV	63.1040	Facility does not control air emission from oil-water separator for which another subpart of 40 CFR Part 60, 61, 63 references.
		HOWS1480	OP-REQ2	30 TAC Chapter 115, Water Separation	115.137(a)(3)	Separator is fully covered and designed to capture stormwater, spills or exterior surface cleanup water.
		HOWS1480	OP-REQ2	40 CFR Part 63, Subpart VV	63.1040	Facility does not control air emission from oil-water separator for which another subpart of 40CFR Part 60, 61, 63 references.
		HYCO3-C104	OP-REQ2	40 CFR Part 60, Subpart III	60.610(a)	The affected facility does not produce any chemicals listed in \$60.617 as a product, co-product, by-product or intermediate.
		HYCO3-C104	OP-REQ2	40 CFR Part 60, Subpart RRR	60.700(a)	The affected facility is not part of a process unit that produces any of the chemicals listed in §60.707.

Date	Permit No.	Regulated Entity No.	
March 6, 2025	O1249	RN102041282	

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
		HYCO3-C204	OP-REQ2	40 CFR Part 60, Subpart III	60.610(a)	The affected facility does not produce any chemicals listed in §60.617 as a product, co-product, by-product or intermediate.
		HYCO3-C204	OP-REQ2	40 CFR Part 60, Subpart RRR	60.700(a)	The affected facility is not part of a process unit that produces any of the chemicals listed in §60.707.
		HYCO3-CFL	OP-UA7	30 TAC Chapter 117, Commercial	117.303(a)(4)	The unit is a flare.
		HYCO3-CFL	OP-UA7	40 CFR Part 60, Subpart A	60.18(a)	The unit is not used to comply with applicable subparts of 40 CFR 60 and 61.
		HYCO3-CFL	OP-UA7	40 CFR Part 63, Subpart A	63.11(a)(2)	Flare is not required by a Subpart under 40 CFR 63.
		HYCO3-FGPA	OP-UA5	30 TAC Chapter 112, Sulfur Compounds	112.9(a)	The unit is not a liquid fuel-fired steam generator, furnace, or heater.
		HYCO3-FGPB	OP-UA5	30 TAC Chapter 112, Sulfur Compounds	112.9(a)	The unit is not a liquid fuel-fired steam generator, furnace, or heater.
		HYCO3-MEAT	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Tank does not store a petroleum liquid.
		HYCO3-MEAT	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Tank does not store a petroleum liquid.
		НҮСОЗ-МЕАТ	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank storage capacity is 5000 gallons, which is less than 75m3 (19,800 gallons).

Date	Permit No.	Regulated Entity No.
March 6, 2025	O1249	RN102041282

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
		НҮСОЗ-МЕАТ	OP-UA3	40 CFR Part 63, Subpart OO	63.900	The tank is not subject to another subpart within 40 CFR Part 60, 61 or 63 that references this subpart for the control of air emissions.
		HYCO3-PW	OP-REQ2	30 TAC Chapter 115, Degreasing Processes	115.411(4)	Cold solvent has a vapor pressure less than 0.6 psia @ 100 degrees F; Drain area is less than 16 in2; Waste solvent is properly disposed of.
		HYCO3-WFL	OP-UA7	30 TAC Chapter 117, Commercial	117.303(a)(4)	The unit is a flare.
		HYCO3-WFL	OP-UA7	40 CFR Part 60, Subpart A	60.18(a)	The unit is not used to comply with applicable subparts of 40 CFR 60 and 61.
		HYCO3-WFL	OP-UA7	40 CFR Part 63, Subpart A	63.11(a)(2)	Flare is not required by a Subpart under 40 CFR 63.
		HYCO3-WWT	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Tank does not store a petroleum liquid.
		HYCO3-WWT	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Tank does not store a petroleum liquid.
		HYCO3-WWT	OP-UA3	40 CFR Part 60, Subpart Kb	60.110a(a)	Tank does not store a petroleum liquid or VOL.
		HYCO3-WWT	OP-UA3	40 CFR Part 63, Subpart OO	63.900	The tank is not subject to another subpart within 40 CFR 60, 61 or 63 and references this subpart for the control of air emissions.

Date	Permit No.	Regulated Entity No.
March 6, 2025	O1249	RN102041282

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	15	HYCO4-ATR	OP-UA5	30 TAC Chapter 112, Sulfur Compounds	112.8(a)	Not a solid fossil fuel-fired steam generator.
A	15	HYCO4-ATR	OP-UA5	30 TAC Chapter 112, Sulfur Compounds	112.9(a)	Not a liquid fossil fuel-fired steam generator.
A	15	HYCO4-ATR	OP-UA5	30 TAC Chapter 115, Vent Gas Control	115.127(a)(7)	Combustion unit exhaust stream is exempt from this division as the unit which is not being used as a control device for any vent gas stream which is subject to this division, and which originates from a non-combustion source.
A	21	HYCO4-ATRFUG	OP-REQ2	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	115.352	Site does not contain a petroleum refinery, a synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process, a natural gas/gasoline processing operation, a marine terminal subject to § 115.214(a)(3)(F), or a gasoline terminal complying with § 115.214(a)(2) or § 115.214(b)(2).
A	21	HYCO4-ATRFUG	OP-REQ2	30 TAC Chapter 115, HRVOC Vent Gas Control	115.780(a)	Process unit or process is not within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl tert-butyl ether manufacturing process; or natural gas/gasoline processing operation.

Date	Permit No.	Regulated Entity No.	
March 6, 2025	O1249	RN102041282	

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	21	HYCO4-ATRFUG	OP-REQ2	40 CFR Part 60, Subpart VV	60.480(a)(1)	Facility does not produce as an intermediate or final product, one or more of the chemicals listed in §60.489.
A	21	HYCO4-ATRFUG	OP-REQ2	40 CFR Part 60, Subpart DDD	60.560(a)	Facility is not involved in the manufacture of polypropylene, polyethylene, polystyrene or poly (ethylene terephthalate).
A	21	HYCO4-ATRFUG	OP-REQ2	40 CFR Part 60, Subpart GGG	60.590(a)	Facility is not located at a petroleum refinery, or a compressor or a group of all equipment within a process unit as defined in §60.591.
A	21	HYCO4-ATRFUG	OP-REQ2	40 CFR Part 60, Subpart KKK	60.630(a)(1)	Facility and equipment are not located at an onshore natural gas processing plant as defined in §60.631.
A	21	HYCO4-ATRFUG	OP-REQ2	40 CFR Part 61, Subpart J	61.110(c)(3)	Equipment is not a process unit as defined in 61.241 and does not operate in benzene service.
A	21	HYCO4-ATRFUG	OP-REQ2	40 CFR Part 61, Subpart V	61.240(a)	The source does not operate in volatile hazardous air pollutants (VHAP) service.
A	21	HYCO4-ATRFUG	OP-REQ2	40 CFR Part 63, Subpart H	63.160(a)	The source does not operate in organic hazardous air pollutants (HAP) service.

Date	Permit No.	Regulated Entity No.
March 6, 2025	O1249	RN102041282

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	21	HYCO4-ATRFUG	OP-REQ2	40 CFR Part 63, Subpart I	63.190(b)	The plant site is not a major source for HAPs as defined in §112(a) of the Federal Clean Air Act.
A	19	HYCO4-BLRBD	OP-UA15 OP-REQ2	30 TAC Chapter 115, HRVOC Vent Gas Control	115.720(a)	Vent gas does not contain highly- reactive volatile organic compounds.
A	21	HYCO4-C137A	OP-REQ2	40 CFR Part 60, Subpart III	60.610(a)	The affected facility does not produce any chemicals listed in \$60.617 as a product, co-product, by-product or intermediate.
A	21	HYCO4-C137A	OP-REQ2	40 CFR Part 60, Subpart RRR	60.700(a)	The affected facility is not part of a process unit that produces any of the chemicals listed in §60.707.
A	21	НҮСО4-С137В	OP-REQ2	40 CFR Part 60, Subpart III	60.610(a)	The affected facility does not produce any chemicals listed in §60.617 as a product, co-product, by-product or intermediate.
A	21	НҮСО4-С137В	OP-REQ2	40 CFR Part 60, Subpart RRR	60.700(a)	The affected facility is not part of a process unit that produces any of the chemicals listed in §60.707.
A	17	HYCO4-CFLR	OP-UA7	30 TAC 115, Vent Gas Control	115.121(a)(1)	Vent gas does not contain volatile organic compounds.
A	17	HYCO4-CFLR	OP-UA7	30 TAC Chapter 117, Commercial, Institutional, and Industrial Sources	117.303(a)(4)	The unit is a flare.

Date	Permit No.	Regulated Entity No.
March 6, 2025	O1249	RN102041282

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	17	HYCO4-CFLR	OP-UA7	40 CFR Part 60, Subpart A	60.18(a)(1)	The unit is not used to comply with applicable subparts of 40 CFR 60 and 61.
A	171	HYCO4-CFLR	OP-UA7	40 CFR Part 63, Subpart A	63.11(a)(2)	Flare is not required by a Subpart under 40 CFR 63.
A	7	HYCO4-CFLR	OP-UA7	30 TAC Chapter 115, HRVOC Vent Gas Control	115.720(a)	Flare does not have the potentail to emit highly-reactive volatile organic compounds.
A	18	HYCO4-CWT	OP-UA13 OP-REQ2	40 CFR Part 63, Subpart Q	63.400(a)	The source does not operate with chromium-based water treatment chemicals.
A	19	HYCO4-DV	OP-UA15 OP-REQ2	30 TAC Chapter 115, HRVOC Vent Gas Control	115.720(a)	Vent gas does not contain highly- reactive volatile organic compounds.
A	14	НҮСО4-Н9911	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	The storage vessel has a storage capacity less than 19,800 gallons and constructed after July 23, 1984.
A	14	НҮСО4-Н9911	OP-UA3	40 CFR Part 63, Subpart OO	63.900	The tank is not subject to another subpart within 40 CFR 60, 61 or 63 and references this subpart for the control of air emissions.
A	21	HYCO4-NH3ST	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	The storage tank does not store VOC.
A	19	HYCO4-REGENVT	OP-UA15	30 TAC Chapter 115, HRVOC Vent Gas Control	115.720(a)	Vent gas does not contain highly- reactive volatile organic compounds.

Date	Permit No.	Regulated Entity No.	
March 6, 2025	O1249	RN102041282	

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	14	HYCO4-T424	OP-UA3 OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	The storage vessel has a storage capacity less than 19,800 gallons and constructed after July 23, 1984.
A	14	HYCO4-T424	OP-UA3	40 CFR Part 63, Subpart OO	63.900	The tank is not subject to another subpart within 40 CFR 60, 61 or 63 and references this subpart for the control of air emissions.
A	14	HYCO4-T6111	OP-UA3 OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	The storage vessel has a storage capacity less than 19,800 gallons and constructed after July 23, 1984.
A	14	HYCO4-T6111	OP-UA3	40 CFR Part 63, Subpart OO	63.900	The tank is not subject to another subpart within 40 CFR 60, 61 or 63 and references this subpart for the control of air emissions.
A	21	HYCO4-U901	OP-REQ2	30 TAC Chapter 115, Water Separation	115.137(a)(3)	VOC water separator is fully covered and designed solely to capture stormwater, spills or exterior surface cleanup water.
A	21	HYCO4-U901	OP-REQ2	40 CFR Part 63, Subpart VV	63.1040	Facility does not control air emission from oil-water separator for which another subpart of 40CFR Part 60, 61, 63 references.
A	16	HYCO4-WFLR	OP-UA7	30 TAC Chapter 117, Commercial, Institutional, and Industrial Sources	117.303(a)(4)	The unit is a flare.

Date	Permit No.	Regulated Entity No.	
March 6, 2025	O1249	RN102041282	

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	16	HYCO4-WFLR	OP-UA7	40 CFR Part 60, Subpart A	60.18(a)(1)	The unit is not used to comply with applicable subparts of 40 CFR 60 and 61.
A	16	HYCO4-WFLR	OP-UA7	40 CFR Part 63, Subpart A	63.11(a)(2)	Flare is not required by a Subpart under 40 CFR 63.
A	16	HYCO4-WFLR	OP-UA7	30 TAC Chapter 115, HRVOC Vent Gas Control	115.720(a)	Flare does not have the potential to emit highly-reactive volatile organic compounds.
A	19	HYCO4-WTJACK	OP-UA15 OP-REQ2	30 TAC Chapter 115, HRVOC Vent Gas Control	115.720(a)	Vent gas does not contain highly- reactive volatile organic compounds.
		I	OP-REQ2	30 TAC Chapter 115, Vent Gas Controls	115.10	The vent gas stream as defined in §115.10, does not emit VOCs.
A	4	K	OP-REQ2	30 TAC Chapter 115, HRVOC Cooling Tower	115.760(a)	Does not have the potential to emit highly-reactive volatile organic compounds.
A	4	K	OP-REQ2	40 CFR Part 63, Subpart Q	63.400(a)	The source does not operate with chromium-based water treatment chemicals.
A	5	L	OP-REQ2	30 TAC Chapter 115, HRVOC Cooling Tower	115.760(a)	Does not have the potential to emit highly-reactive volatile organic compounds.
A	5	L	OP-REQ2	40 CFR Part 63, Subpart Q	63.400(a)	The source does not operate with chromium-based water treatment chemicals.

Date	Permit No.	Regulated Entity No.	
March 6, 2025	O1249	RN102041282	

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	6	LHYCT	OP-REQ2	30 TAC Chapter 115, HRVOC Cooling Tower	115.760(a)	Does not have the potential to emit highly-reactive volatile organic compounds.
A	6	LHYCT	OP-REQ2	40 CFR Part 63, Subpart Q	63.400(a)	The source does not operate with chromium-based water treatment chemicals.
A	8	M	OP-REQ2	30 TAC Chapter 115, HRVOC Cooling Tower	115.760(a)	Does not have the potential to emit highly-reactive volatile organic compounds.
A	8	M	OP-REQ2	40 CFR Part 63, Subpart Q	63.400(a)	The source does not operate with chromium-based water treatment chemicals.
		TERM-PW	OP-REQ2	30 TAC Chapter 115, Degreasing Processes	115.411(4)	Cold solvent has a vapor pressure less than 0.6 psia at 100 degrees F; drain area is less than 16 in2; waste solvent is properly disposed of.
		TOWS1460	OP-REQ2	30 TAC Chapter 115, Water Separation	115.137(a)(3)	Separator is fully covered and designed to capture stormwater, spills or exterior surface cleanup water.
		TOWS1460	OP-REQ2	40 CFR Part 63, Subpart VV	63.1040	Facility does not control air emission from oil-water separator for which another subpart of 40 CFR Part 60, 61, 63 references.
		TUST24605A	OP-UA3	40 CFR Part 60, Subpart K	60.110(c)(2)	Construction or modification of storage vessel commenced after 5/19/78.

Date	Permit No.	Regulated Entity No.
March 6, 2025	O1249	RN102041282

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
		TUST24605A	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Construction or modification of storage vessel commenced after 7/23/84.
		TUST24605A	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Design capacity of the vessel is less than 40m3 (10,600 gal).
		TUST24605A	OP-UA3	40 CFR Part 63, Subpart OO	63.900	The tank is not subject to another subpart within 40 CFR 60, 61 or 63 and references this subpart for the control of air emissions.
		TUST24629A	OP-UA3	40 CFR Part 60, Subpart K	60.110(c)(2)	Construction or modification of storage vessel commenced after 5/19/78.
		TUST24629A	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Construction or modification of storage vessel commenced after 7/23/84.
		TUST24629A	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Design capacity of the vessel is less than 40m3 (10,600 gal).
		TUST24629A	OP-UA3	40 CFR Part 63, Subpart OO	63.900	The tank is not subject to another subpart within 40 CFR 60, 61 or 63 and references this subpart for the control of air emissions.

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249		
Company Name: Air Products LLC	Area Name: La Porte Texas Facility			

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)
12	AUXBLR	OP-UA6	60Dc-01	SO2	NSPS Dc	\$60.40c(a)
12	AUXBLR	OP-UA6	60Dc-01	PM	NSPS Dc	§60.40c(a)
12	AUXBLR	OP-UA6	60Dc-01	PM (Opacity)	NSPS Dc	§60.40c(a)
12	AUXBLR	OP-UA6	R7ICI-01	NOx	30 TAC Chapter 117, Subchapter B	\$117.310(d)(3) \$117.310(a), (b), [G](e)(1), (e)(2) [G]\$117.310(e)(3), (e)(4) \$117.340(l)(2), (p)(1), (p)(3) \$117.310(a)(1)(C) \$117.340(p)(2)(C)
12	AUXBLR	OP-UA6	R7ICI-01	со	30 TAC Chapter 117, Subchapter B	\$117.310(c)(1) 1 \$117.310(c)(3) \$117.310(c)(1)(B)
	EGEN10.31	OP-UA2	R7ICI-01	Exempt	Chapter 117	§117.303(a)(6)(D), [G]§117.310(f)
	EGEN10.31	OP-UA2	63ZZZZ-01	НАР	MACT ZZZZ	\$63.6603(a)-Table 2d.4, \$63.6595(a)(1), \$63.6605(a)-(b), \$63.6625(e), (f), (h), (i), \$63.6640(f)(1), (f)(2), (f)(2)(i), \$63.6640(f)(4), (f)(4)(i)
	EGEN13.50A	OP-UA2	R7ICI-01	Exempt	Chapter 117	\$117.303(a)(6)(D), [G]\$117.310(f)

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249		
Company Name: Air Products LLC	Area Name: La Porte Texas Facility			

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)
	EGEN13.50A	OP-UA2	63ZZZZ-01	НАР	MACT ZZZZ	\$63.6603(a)-Table 2d.4, \$63.6595(a)(1), \$63.6605(a)-(b), \$63.6625(e), (f), (h), (i), \$63.6640(f)(1), (f)(2), (f)(2)(i), \$63.6640(f)(4), (f)(4)(i)
	EGEN13.50B	OP-UA2	R7ICI-01	Exempt	Chapter 117	§117.303(a)(6)(D), [G]§117.310(f)
	EGEN13.50B	OP-UA2	63ZZZZ-01	НАР	MACT ZZZZ	\$63.6603(a)-Table 2d.4, \$63.6595(a)(1), \$63.6605(a)-(b), \$63.6625(e), (f), (h), (i), \$63.6640(f)(1), (f)(2), (f)(2)(i), \$63.6640(f)(4), (f)(4)(i)
	EGEN13.61A	OP-UA2	R7ICI-01	Exempt	Chapter 117	§117.303(a)(6)(D), [G]§117.310(f)
	EGEN13.61A	OP-UA2	63ZZZZ-01	НАР	MACT ZZZZ	\$63.6603(a)-Table 2d.4, \$63.6595(a)(1), \$63.6605(a)-(b), \$63.6625(e), (f), (h), (i), \$63.6640(f)(1), (f)(2), (f)(2)(i), \$63.6640(f)(4), (f)(4)(i)
	EGEN13.61B	OP-UA2	R7ICI-01	Exempt	Chapter 117	§117.303(a)(6)(D), [G]§117.310(f)
	EGEN13.61B	OP-UA2	63ZZZZ-01	НАР	MACT ZZZZ	\$63.6603(a)-Table 2d.4, \$63.6595(a)(1), \$63.6605(a)-(b), \$63.6625(e), (f), (h), (i), \$63.6640(f)(1), (f)(2), (f)(2)(i), \$63.6640(f)(4), (f)(4)(i)

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249
Company Name: Air Products LLC	Area Name: La Porte Texas Facility	

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)
	EGEN13.70	OP-UA2	R7ICI-01	Exempt	Chapter 117	§117.303(a)(6)(D), [G]§117.310(f)
	EGEN13.70	OP-UA2	63ZZZZ-01	НАР	MACT ZZZZ	\$63.6603(a)-Table 2d.4, \$63.6595(a)(1), \$63.6605(a)-(b), \$63.6625(e), (f), (h), (i), \$63.6640(f)(1), (f)(2), (f)(2)(i), \$63.6640(f)(4), (f)(4)(i)
	HYCO3-CFL	OP-UA7	R1111-01	PM (Opacity)	Chapter 111	§111.111(a)(4)(A)
	HYCO3-FGPA	OP-UA5	R7ICI-01	со	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B) § 117.310(c)(3)
	HYCO3-FGPA	OP-UA5	R7ICI-01	NOx	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(8)(A)(ii) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C) § 117.340(p)(3)
	HYCO3-FGPB	OP-UA5	R7ICI-01	СО	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B) § 117.310(c)(3)

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249
Company Name: Air Products LLC	Area Name: La Porte Texas Facility	

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)
	HYCO3-FGPB	OP-UA5	R7ICI-01	NOx	30 TAC Chapter 117, Subchapter B	\$ 117.310(d)(3) \$ 117.310(a) \$ 117.310(a)(8)(A)(ii) \$ 117.310(b) [G]\$ 117.310(e)(1) \$ 117.310(e)(2) [G]\$ 117.310(e)(3) \$ 117.310(e)(4) \$ 117.340(p)(1) \$ 117.340(p)(1) \$ 117.340(p)(2)(C) \$ 117.340(p)(3)
	НҮСОЗ-МЕА	OP-UA4	R5211-01	voc	Chapter 115	§115.217(a)(1), § 115.212(a)(2), §115.214(a)(1)(B), (a)(1)(D), (a)(1)(D)(i)
	НҮСОЗ-МЕАТ	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)
	HYCO3-WFL	OP-UA7	R1111-01	PM (Opacity)	Chapter 111	§111.111(a)(4)(A)
	HYCO3-WWT	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)
20	HYCO4-ANALYZERS	OP-UA15	R5121-01	voc	30 TAC 115, Subchapter B, Vent Gas Control	\$115.127(a)(2)(A) [G]\$115.122(a)(4) \$115.127(a)(2)
20	HYCO4-ANALYZERS	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC Vent Gas Control	§115.727(c)(2)

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249		
Company Name: Air Products LLC	Area Name: La Porte Texas Facility			

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)
15	HYCO4-ATR	OP-UA5	R7ICI-01	со	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B) § 117.310(c)(3)
15	HYCO4-ATR	OP-UA5	R7ICI-01	NOx	30 TAC Chapter 117, Subchapter B	\$ 117.310(d)(3) \$ 117.310(a) \$ 117.310(a)(8)(A)(ii) \$ 117.310(b) [G]\$ 117.310(e)(1) \$ 117.310(e)(2) [G]\$ 117.310(e)(3) \$ 117.310(e)(4) \$ 117.340(t)(2) \$ 117.340(p)(1) \$ 117.340(p)(2)(C) \$ 117.340(p)(3)
19	HYCO4-BLRBD	OP-UA15	R5121-01	voc	30 TAC 115, Subchapter B, Vent Gas Control	\$115.127(a)(2)(A) [G]\$115.122(a)(4) \$115.127(a)(2)
17	HYCO4-CFLR	OP-UA7	R1111-01	PM (Opacity)	Chapter 111	§111.111(a)(4)(A)
20	HYCO4-CO2CV	OP-UA15	R5121-01	voc	30 TAC 115, Subchapter B, Vent Gas Control	\$115.127(a)(2)(A) [G]\$115.122(a)(4) \$115.127(a)(2)

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249
Company Name: Air Products LLC	Area Name: La Porte Texas Facility	

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)
20	HYCO4-CO2CV	OP-UA15	R5720-01	HRVOC	30 TAC 115, HRVOC Vent Gas Control	§115.722(c)(1), §115.722(c)(3), 115.725(a)(1)(A)-(C), 115.725(a)(3), 115.725(a)(4), 115.725(n), [G]115.726(a)(2)
18	HYCO4-CWT	OP-UA13	R5760-01	HRVOC	30 TAC Chapter 115, HRVOC	\$115.767(3) \$115.766(i) \$115.764(a)(1)
19	HYCO4-DV	OP-UA15	R5121-01	voc	30 TAC 115, Subchapter B, Vent Gas Control	\$115.127(a)(2)(A) [G]\$115.122(a)(4) \$115.127(a)(2)
13	HYCO4-EMENG	OP-UA2	R7ICI-01	NOX	Chapter 117	§117.303(a)(6)(D), [G]§117.310(f)
13	HYCO4-EMENG	OP-UA2	63ZZZZ-01	HAP	MACT ZZZZ	§63.6590(c)
13	HYCO4-EMENG	OP-UA2	601111-01	NMHC+NOX	NSPS IIII	\$60.4205(b) 4, \$60.4202(a)(2), \$1039-Appendix I \$60.4206, \$60.4207(b), \$60.4211(a), (c), [G]\$60.4211(f)
13	HYCO4-EMENG	OP-UA2	60IIII-01	со	NSPS IIII	\$60.4205(b)/13, \$60.4202(a)(2), \$1039-Appendix I \$60.4206, \$60.4207(b), \$60.4211(a), (c), [G]\$60.4211(f)

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249
Company Name: Air Products LLC	Area Name: La Porte Texas Facility	

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)
13	HYCO4-EMENG	OP-UA2	60IIII-01	PM	NSPS IIII	\$60.4205(b) 22, \$60.4202(a)(2), \$1039-Appendix I \$60.4206, \$60.4207(b), \$60.4211(a), (c), [G]\$60.4211(f)
13	HYCO4-EMENG	OP-UA2	60IIII-01	Opacity	NSPS IIII	\$60.4205(b) 25,\$60.4202(a)(2) \$1039.105(b)(1)-(3) \$60.4206, \$60.4207(b), \$60.4211(a), (c), [G]\$60.4211(f)
14	НҮСО4-Н9911	OP-UA3	R5112-01	voc	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)
19	HYCO4-REGENVT	OP-UA15	R5121-01	voc	30 TAC 115, Subchapter B, Vent Gas Control	\$115.127(a)(2)(A) [G]\$115.122(a)(4) \$115.127(a)(2)
14	HYCO4-T424	OP-UA3	R5112-01	voc	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)
14	HYCO4-T6111	OP-UA3	R5112-01	voc	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)
16	HYCO4-WFLR	OP-UA7	R1111-01	PM (Opacity)	Chapter 111	§111.111(a)(4)(A)
16	HYCO4-WFLR	OP-UA15	R5121-01	voc	30 TAC 115, Subchapter B, Vent Gas Control	\$115.127(a)(2)(A) [G]\$115.122(a)(4) \$115.127(a)(2)
19	HYCO4-WTJACK	OP-UA15	R5121-01	VOC	30 TAC 115, Subchapter B, Vent Gas Control	\$115.127(a)(2)(A) [G]\$115.122(a)(4) \$115.127(a)(2)

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249
Company Name: Air Products LLC	Area Name: La Porte Texas Facility	

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	LOXVAP-GA	OP-UA6	60Dc-01	SO2	NSPS Dc	§60.40c(a)
7	LOXVAP-GA	OP-UA6	60Dc-01	PM	NSPS Dc	§60.40c(a)
7	LOXVAP-GA	OP-UA6	60Dc-01	PM (Opacity)	NSPS Dc	§60.40c(a)
	LOXVAP-GA	OP-UA5	R7ICI-01	со	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B) § 117.310(c)(3)
	LOXVAP-GA	OP-UA5	R7ICI-01	NOx	30 TAC Chapter 117, Subchapter B	\$ 117.310(d)(3) \$ 117.310(a) \$ 117.310(a)(8)(A)(ii) \$ 117.310(b) [G]§ 117.310(e)(1) \$ 117.310(e)(2) [G]§ 117.310(e)(3) \$ 117.310(e)(4) \$ 117.340(1)(2) \$ 117.340(p)(1) \$ 117.340(p)(2)(C) \$ 117.340(p)(3)
7	LOXVAP-GB	OP-UA6	60Dc-01	SO2	NSPS Dc	§60.40c(a)
7	LOXVAP-GB	OP-UA6	60Dc-01	PM	NSPS Dc	§60.40c(a)
7	LOXVAP-GB	OP-UA6	60Dc-01	PM (Opacity)	NSPS Dc	§60.40c(a)

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249		
Company Name: Air Products LLC	LC Area Name: La Porte Texas Facility			

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)
	LOXVAP-GB	OP-UA5	R7ICI-01	СО	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B) § 117.310(c)(3)
	LOXVAP-GB	OP-UA5	R7ICI-01	NOx	30 TAC Chapter 117, Subchapter B	\$ 117.310(d)(3) \$ 117.310(a) \$ 117.310(a)(8)(A)(ii) \$ 117.310(b) [G]§ 117.310(e)(1) \$ 117.310(e)(2) [G]§ 117.310(e)(3) \$ 117.310(e)(4) \$ 117.340(1)(2) \$ 117.340(p)(1) \$ 117.340(p)(2)(C) \$ 117.340(p)(3)
	P-610	OP-UA2	R7ICI-01	Exempt	Chapter 117	[G]§117.303(a)(11), [G]§117.310(f)
	P-610	OP-UA2	63ZZZZ-01	НАР	MACT ZZZZ	§63.6590(c)
	P-610	OP-UA2	60IIII-01	THC+NOX	NSPS IIII	\$60.4205(b) 27, \$60.4202(e)(1), \$1042-Appendix I \$60.4206, \$60.4207(b), \$60.4211(c), [G](f), (g), (g)(2), \$60.4218, \$89.112(a)

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249	
Company Name: Air Products LLC	Area Name: La Porte Texas Facility		

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)
	P-610	OP-UA2	60IIII-01	СО	NSPS IIII	\$60.4205(b) 38, \$60.4202(e)(1), \$1042-Appendix I \$60.4206, \$60.4207(b), \$60.4211(c), (g), (g)(2), [G]\$60.4211(f), \$60.4218, \$94.8(a)(2)
	P-610	OP-UA2	60IIII-01	PM	NSPS IIII	\$60.4205(b) 39, \$60.4202(a)(2), \$60.4202(e)(1), \$1042-Appendix I \$60.4206, \$60.4207(b), \$60.4211(c), [G](f), (g), (g)(2) \$60.4218, \$89.112(a)
	RGN HTR	OP-UA5	R7ICI-01	СО	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B) § 117.310(c)(3)
	RGN HTR	OP-UA5	R7ICI-01	NOx	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(8)(A)(ii) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C) § 117.340(p)(3)

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249		
Company Name: Air Products LLC	Area Name: La Porte Texas Facility			

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)
	TUST24605A	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)
	TUST24629A	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249
Company Name: Air Products LLC	LC Area Name: La Porte Texas Facility	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
12	AUXBLR	60Dc-01	SO2	NONE	$\S60.48c(g)(1)$ -(3), (i)	[G]§60.48 $c(a)$
12	AUXBLR	60Dc-01	PM	NONE	$\S60.48c(g)(1)$ -(3), (i)	[G]§60.48 $c(a)$
12	AUXBLR	60Dc-01	PM (Opacity)	NONE	$\S60.48c(g)(1)$ -(3), (i)	[G]§60.48c(a)
12	AUXBLR	R7ICI-01	NOx	[G]§117.335(a)(1), (a)(4), (b) §117.335(d), (g) §117.340(l)(2), (o)(1), (p)(1) §117.335(e) §117.340(p)(2)(A)-(C) §117.8000(b)-(c), (c)(1), (c)(3) §117.8000(c)(5)-(6), [G](d) §117.340(a)	§117.345(a), (f), (f)(9) §117.345(f)(1)	\$117.335(b), (g) [G]\$117.345(b)-(c) \$117.8010, [G](1), (2), (2)(A)-(D) [G]\$117.8010(3), (4), [G](5) \$117.8010(6), [G](7) \$117.340(p)(2)(D)
12	AUXBLR	R7ICI-01	co	[G]§117.335(a)(1), (a)(4), (b) §117.335(d), (g) §117.335(e) §117.8000(b)-(c), (c)(2) §117.8000(c)(3), (c)(5)-(6) [G]§117.8000(d) §117.340(a)	§117.345(a), (f), (f)(9) §117.345(f)(1)	\$117.335(b), (g) [G]\$117.345(b)-(c) \$117.8010, [G](1), (2), (2)(A)-(B) [G]\$117.8010(3), (4), [G](5) \$117.8010(6), [G](7)
	EGEN10.31	R7ICI-01	Exempt	§117.8140(a), §117.8140(a)(3)	§117.340(j), §117.345(f), [G]§117.345(f)(6), [G]§117.345(f)(10)	NONE

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249
Company Name: Air Products LLC	Area Name: La Porte Texas Facility	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	EGEN10.31	63ZZZZ-01	НАР	\\$63.6625(f), \\$63.6625(i), \\$63.6640(a), \\$63.6640(a)-Table 6.9.a.i-ii	\$63.6625(i), \$63.6655(d), \$63.6655(e), \$63.6655(f), §63.6660(a), \$63.6660(b), \$63.6660(c)	§63.6640(e), §63.6650(f)
	EGEN13.50A	R7ICI-01	Exempt	§117.8140(a), §117.8140(a)(3)	\$117.340(j), \$117.345(f), [G]\$117.345(f)(6), [G]\$117.345(f)(10)	NONE
	EGEN13.50A	63ZZZZ-01	НАР	\\$63.6625(f), \\$63.6625(i), \\$63.6640(a), \\$63.6640(a)-Table 6.9.a.i-ii	\$63.6625(i), \$63.6655(d), \$63.6655(e), \$63.6655(f), §63.6660(a), \$63.6660(b), \$63.6660(c)	§63.6640(e), §63.6650(f)
	EGEN13.50B	R7ICI-01	Exempt	§117.8140(a), §117.8140(a)(3)	\$117.340(j), \$117.345(f), [G]\$117.345(f)(6), [G]\$117.345(f)(10)	NONE
	EGEN13.50B	63ZZZZ-01	НАР	\\$63.6625(f), \\$63.6625(i), \\$63.6640(a), \\$63.6640(a)-Table 6.9.a.i-ii	\$63.6625(i), \$63.6655(d), \$63.6655(e), \$63.6655(f), §63.6660(a), \$63.6660(b), \$63.6660(c)	§63.6640(e), §63.6650(f)
	EGEN13.61A	R7ICI-01	Exempt	§117.8140(a), §117.8140(a)(3)	§117.340(j), §117.345(f), [G]§117.345(f)(6), [G]§117.345(f)(10)	NONE

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249	
Company Name: Air Products LLC	Area Name: La Porte Texas Facility		

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	EGEN13.61A	63ZZZZ-01	НАР	\\$63.6625(f), \\$63.6625(i), \\$63.6640(a), \\$63.6640(a)-Table 6.9.a.i-ii	\$63.6625(i), \$63.6655(d), \$63.6655(e), \$63.6655(f), §63.6660(a), \$63.6660(b), \$63.6660(c)	§63.6640(e), §63.6650(f)
	EGEN13.61B	R7ICI-01	Exempt	§117.8140(a), §117.8140(a)(3)	\$117.340(j), \$117.345(f), [G]\$117.345(f)(6), [G]\$117.345(f)(10)	NONE
	EGEN13.61B	63ZZZZ-01	НАР	\\$63.6625(f), \\$63.6625(i), \\$63.6640(a), \\$63.6640(a)-Table 6.9.a.i-ii	\$63.6625(i), \$63.6655(d), \$63.6655(e), \$63.6655(f), §63.6660(a), \$63.6660(b), \$63.6660(c)	§63.6640(e), §63.6650(f)
	EGEN13.70	R7ICI-01	Exempt	§117.8140(a), §117.8140(a)(3)	\$117.340(j), \$117.345(f), [G]\$117.345(f)(6), [G]\$117.345(f)(10)	NONE
	EGEN13.70	63ZZZZ-01	НАР	§63.6625(f) , §63.6625(i), §63.6640(a), §63.6640(a)-Table 6.9.a.i-ii	\$63.6625(i), \$63.6655(d), \$63.6655(e), \$63.6655(f), \$63.6660(a), \$63.6660(b), \$63.6660(c)	§63.6640(e), §63.6650(f)
	HYCO3-CFL	R1111-01	PM (Opacity)	§111.111(a)(4)(A)(i)-(ii)	§111.111(a)(4)(A)(ii)	NONE

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249
Company Name: Air Products LLC	Area Name: La Porte Texas Facility	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	HYCO3- FGPA	R7ICI-01	СО	\{ \text{117.8000(b)} \\ \text{117.8000(c)}	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249
Company Name: Air Products LLC	Area Name: La Porte Texas Facility	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	HYCO3- FGPA	R7ICI-01	NOx	§ 117.340(p)(2)(A)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	\$ 117.335(b) \$ 117.335(g) \$ 117.340(p)(2)(D) [G]\$ 117.345(b) [G]\$ 117.345(c) \$ 117.8010 [G]\$ 117.8010(1) \$ 117.8010(2) \$ 117.8010(2)(A) \$ 117.8010(2)(B) \$ 117.8010(2)(D) [G]\$ 117.8010(2)(D) [G]\$ 117.8010(3) \$ 117.8010(4) [G]\$ 117.8010(5) \$ 117.8010(6) [G]\$ 117.8010(7)

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249
Company Name: Air Products LLC	Area Name: La Porte Texas Facility	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	HYCO3- FGPB	R7ICI-01	СО	§ 117.340(a) § 117.8000(b) 8 117.8000(c)	\$ 117.345(a) \$ 117.345(f) \$ 117.345(f)(1) \$ 117.345(f)(9)	\$ 117.335(b) \$ 117.335(g) [G]\$ 117.345(b) [G]\$ 117.8010 [G]\$ 117.8010(1) \$ 117.8010(2) \$ 117.8010(2)(A) \$ 117.8010(2)(B) [G]\$ 117.8010(3) \$ 117.8010(4) [G]\$ 117.8010(5) \$ 117.8010(6) [G]\$ 117.8010(7)

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249
Company Name: Air Products LLC	Area Name: La Porte Texas Facility	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	HYCO3- FGPB	R7ICI-01	NOx	[G]§ 117.335(a)(1) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D) [G]§ 117.345(b) [G]§ 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
	HYCO3- MEA	R5211-01	VOC	§115.214(a)(1)(A), (a)(1)(A)(i), §115.215, (4)	§115.216, (2), (3)(B)	NONE
	HYCO3- MEAT	R5112-01	VOC	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249	
Company Name: Air Products LLC	Area Name: La Porte Texas Facility		

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	HYCO3- WFL	R1111-01	PM (Opacity)	§111.111(a)(4)(A)(i)-(ii)	§111.111(a)(4)(A)(ii)	NONE
	HYCO3- WWT	R5112-01	VOC		§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
20	HYCO4- ANALYZER S	R5121-01	voc	[G]§115.125 §115.126(2)	\$115.126 \$115.126(2) \$115.126(4)	NONE
20	HYCO4- ANALYZER S	R5720-01	HRVOC		\$115.726(e)(3)(A) \$115. 726(j)(2)	NONE

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249
Company Name: Air Products LLC	Area Name: La Porte Texas Facility	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
15	HYCO4-ATR	R7ICI-01	co	\$ 117.340(a) \$ 117.8000(b) \$ 117.8000(c)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	\$ 117.335(b) \$ 117.335(g) [G]\$ 117.345(b) [G]\$ 117.8010 [G]\$ 117.8010(1) \$ 117.8010(2) \$ 117.8010(2)(A) \$ 117.8010(2)(B) [G]\$ 117.8010(3) \$ 117.8010(4) [G]\$ 117.8010(5) \$ 117.8010(6) [G]\$ 117.8010(7)

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249	
Company Name: Air Products LLC	Area Name: La Porte Texas Facility		

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
15	HYCO4-ATR	R7ICI-01	NOx	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(c) § 117.335(g) § 117.340(a) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(6) [G]§ 117.8000(d)	\$ 117.345(a) \$ 117.345(f) \$ 117.345(f)(1) \$ 117.345(f)(9)	\$ 117.335(b) \$ 117.335(g) \$ 117.340(p)(2)(D) [G]\$ 117.345(b) [G]\$ 117.8010 [G]\$ 117.8010(1) \$ 117.8010(2) \$ 117.8010(2)(A) \$ 117.8010(2)(B) \$ 117.8010(2)(C) \$ 117.8010(2)(D) [G]\$ 117.8010(3) \$ 117.8010(4) [G]\$ 117.8010(5) \$ 117.8010(6) [G]\$ 117.8010(7)
19	HYCO4- BLRBD	R5121-01	VOC	[G]§115.125 §115.126(2)	\$115.126 \$115.126(2) \$115.126(4)	NONE
17	HYCO4- CFLR	R1111-01	PM (Opacity)	\$111.111(a)(4)(A)(i)-(ii)	§111.111(a)(4)(A)(ii)	NONE

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249	
Company Name: Air Products LLC	Area Name: La Porte Texas Facility		

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
20	HYCO4- CO2CV	R5121-01	voc	[G]§115.125 §115.126(2)	\$115.126 \$115.126(2) \$115.126(4)	NONE
20	HYCO4- CO2CV	R5720-01	voc	[T]§115.725(a), §115.725(a)(1)(A)-(C), 115.725(a)(3), (a)(3)(B), [G]115.725(a)(4), 115.725(a)(5)	\$115.726(b)(1), 115.726(b)(2)-(3), [G]115.726(h), (i), 115.726(j)(1), (j)(2)	\$[G]115.725(a)(4), 115.725(a)(5), 115.725(n), [G]115.726(a)(2)
18	HYCO4- CWT	R5760-01	HRVOC	\$115.764(c) \$115.764(a)(1), (a)(3) [G]\$115.764(a)(6)	§115.766(c), (i)(1)	§115.766(i)(2)
19	HYCO4-DV	R5121-01	voc	[G]§115.125 §115.126(2)	\$115.126 \$115.126(2) \$115.126(4)	NONE
13	HYCO4- EMENG	R7ICI-01	NOX	§117.8140(a), §117.8140(a)(3)	\$117.340(j), \$117.345(f), [G]\$117.345(f)(6), [G]\$117.345(f)(10)	NONE
13	HYCO4- EMENG	63ZZZZ-01	HAP	NONE	NONE	NONE
13	HYCO4- EMENG	60IIII-01	NMHC+NO X	NONE	NONE	[G]§60.4214(d)
13	HYCO4- EMENG	60IIII-01	со	NONE	NONE	[G]§60.4214(d)

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249
Company Name: Air Products LLC	Area Name: La Porte Texas Facility	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
13	HYCO4- EMENG	60IIII-01	PM	NONE	NONE	[G]§60.4214(d)
13	HYCO4- EMENG	60IIII-01	Opacity	NONE	NONE	[G]§60.4214(d)
14	HYCO4- H9911	R5112-01	voc	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
19	HYCO4- REGENVT	R5121-01	voc	[G]§115.125 §115.126(2)	\$115.126 \$115.126(2) \$115.126(4)	NONE
14	HYCO4- T424	R5112-01	voc	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
14	HYCO4- T6111	R5112-01	voc	[G]§ 115.117	\$ 115.118(a)(1) \$ 115.118(a)(5) \$ 115.118(a)(7)	None
16	HYCO4- WFLR	R1111-01	PM (Opacity)	§111.111(a)(4)(A)(i)-(ii)	§111.111(a)(4)(A)(ii)	NONE
16	HYCO4- WFLR	R5121-01	voc	[G]§115.125 §115.126(2)	\$115.126 \$115.126(2) \$115.126(4)	NONE

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249
Company Name: Air Products LLC	Area Name: La Porte Texas Facility	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
19	HYCO4- WTJACK	R5121-01	voc	[G]§115.125 §115.126(2)	\$115.126 \$115.126(2) \$115.126(4)	NONE
7	LOXVAP-GA	60Dc-01	SO2	NONE	\$60.48c(g)(1)-(3), (i)	[G]§60.48 $c(a)$
7	LOXVAP-GA	60Dc-01	PM	NONE	$\S60.48c(g)(1)$ -(3), (i)	[G]§60.48 $c(a)$
7	LOXVAP-GA	60Dc-01	PM (Opacity)	NONE	$\S60.48c(g)(1)$ -(3), (i)	[G]§60.48c(a)
	LOXVAP- GA	R7ICI-01	СО	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249	
Company Name: Air Products LLC	Area Name: La Porte Texas Facility		

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	LOXVAP- GA	R7ICI-01	NOx	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.340(a) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	\$ 117.335(b) \$ 117.335(g) \$ 117.340(p)(2)(D) [G]\$ 117.345(b) [G]\$ 117.8010 [G]\$ 117.8010(1) \$ 117.8010(2) \$ 117.8010(2)(A) \$ 117.8010(2)(B) \$ 117.8010(2)(C) \$ 117.8010(2)(D) [G]\$ 117.8010(3) \$ 117.8010(4) [G]\$ 117.8010(5) \$ 117.8010(6) [G]\$ 117.8010(7)
7	LOXVAP-GB	60Dc-01	SO2	NONE	\$60.48c(g)(1)-(3), (i)	[G]§60.48 $c(a)$
7	LOXVAP-GB	60Dc-01	PM	NONE	\$60.48c(g)(1)-(3), (i)	[G]§60.48c(a)
7	LOXVAP-GB	60Dc-01	PM (Opacity)	NONE	\$60.48c(g)(1)-(3), (i)	[G]\$60.48c(a)

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249
Company Name: Air Products LLC	Area Name: La Porte Texas Facility	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	LOXVAP- GB	R7ICI-01	СО	\{ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\$ 117.345(a) \$ 117.345(f) \$ 117.345(f)(1) \$ 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249
Company Name: Air Products LLC	Area Name: La Porte Texas Facility	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	LOXVAP- GB	R7ICI-01	NOx	[G]§ 117.335(a)(1) § 117.335(b) § 117.335(d) § 117.335(e) § 117.340(a) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D) [G]§ 117.345(b) [G]§ 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
	P-610	R7ICI-01	Exempt		§117.340(j), §117.345(f), [G]§117.345(f)(6), [G]§117.345(f)(10)	NONE
	P-610	63ZZZZ-01	НАР	NONE	NONE	NONE

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249
Company Name: Air Products LLC	Area Name: La Porte Texas Facility	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	P-610	60IIII-01	THC+NOX	\$60.4209(a), \$60.4211(g)(2), [G]\$60.4212	§60.4211(g)(2), §60.4214(b)	[G]§60.4214(d)
	P-610	60IIII-01	СО	\$60.4209(a), \$60.4211(g)(2), [G]\$60.4212	§60.4211(g)(2), §60.4214(b)	[G]§60.4214(d)
	P-610	60IIII-01	PM	\$60.4209(a), \$60.4211(g)(2), [G]\$60.4212	§60.4211(g)(2), §60.4214(b)	[G]§60.4214(d)
	RGN HTR	R7ICI-01	СО	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.340(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	\$ 117.335(b) \$ 117.335(g) [G]\$ 117.345(b) [G]\$ 117.345(c) \$ 117.8010 [G]\$ 117.8010(1) \$ 117.8010(2) \$ 117.8010(2)(A) \$ 117.8010(2)(B) [G]\$ 117.8010(3) \$ 117.8010(4) [G]\$ 117.8010(5) \$ 117.8010(6) [G]\$ 117.8010(7)

Date: March 6, 2025	Regulated Entity No.: RN102041282	Permit No.: O1249
Company Name: Air Products LLC	Area Name: La Porte Texas Facility	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	RGN HTR	R7ICI-01	NOx	[G]§ 117.335(a)(1) § 117.335(b) § 117.335(e) § 117.340(a) § 117.340(0)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.345(p) § 117.340(p)(2)(D) [G]§ 117.345(b) [G]§ 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
	TUST24605 A	R5112-01	VOC	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
	TUST24629 A	R5112-01	VOC	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

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

Date	Permit Number	Regulated Entity Number
March 6, 2025	O1249	RN102041282

Unit ID No.	Registration No.	PBR No.	Registration Date
AUXBLR	173538	106.183	08/10/2023
F	87982	106.261	04/21/2009
K L M	87564	106.261	04/02/2009
LHYCT	162098	106.371	08/24/2020
LHYREF	162098	106.373	08/24/2020

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

Date	Permit Number	Regulated Entity Number
March 6, 2025	O1249	RN102041282

Unit ID No.	PBR No.	Version No./Date
ASU-PW	106.454	11/01/2001
EGEN13.50A	106.511	09/04/2000
EGEN13.50B	106.511	09/04/2000
EGEN13.61A	106.511	09/04/2000
EGEN13.61B	106.511	09/04/2000
EGEN13.70	106.511	09/04/2000
ENG10.31	106.511	09/04/2000
F	106.263	11/01/2001
HYCO3-PW	106.454	11/01/2001
HYCO4-ATRFUG	106.263	11/01/2001
K	106.371	09/04/2000
L	106.371	09/04/2000
LOXVAP-GA	106.183	09/04/2000

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

Date	Permit Number	Regulated Entity Number
March 6, 2025	O1249	RN102041282

Unit ID No.	PBR No.	Version No./Date
LOXVAP-GB	106.183	09/04/2000
М	106.371	09/04/2000
RGN HTR	106.183	09/04/2000
TERM-PW	106.454	11/01/2001

Permit By Rule Supplemental Table (Page 3)

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

Date	Permit Number	Regulated Entity Number
March 6, 2025	O1249	RN102041282

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

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

Date	Permit Number	Regulated Entity Number
March 6, 2025	O1249	RN102041282

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
ASU-PW	106.454	11/01/2001	Maintain monthly records of total solvent makeup (gross usage minus waste disposal).
AUXBLR	106.183	173538	Maintain design record demonstrating maximum heat input capacity and fuel type
EGEN13.50A	106.511	09/04/2000	Maintain records of annual operating hours
EGEN13.50B	106.511	09/04/2000	Maintain records of annual operating hours
EGEN13.61A	106.511	09/04/2000	Maintain records of annual operating hours
EGEN13.61B	106.511	09/04/2000	Maintain records of annual operating hours
EGEN13.70	106.511	09/04/2000	Maintain records of annual operating hours
ENG10.31	106.511	09/04/2000	Maintain records of annual operating hours
F	106.261	87982	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program as required by NSR 21878 (permit issue date 09/10/2021)
F	106.263	11/01/2001	Track emissions on a rolling 12-month basis.
HYCO3-PW	106.454	11/01/2001	Maintain monthly records of total solvent makeup (gross usage minus waste disposal).
HYCO4-ATRFUG	106.263	11/01/2001	Track emissions on a rolling 12-month basis.

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

Date	Permit Number	Regulated Entity Number	
March 6, 2025	O1249	RN102041282	

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
K L M	106.261	87564	Maintain documentation to support authorized emission increases
K	106.371	09/04/2000	Maintain design record showing that the cooling tower will be non-contact
L	106.371	09/04/2000	Maintain design record showing that the cooling tower will be non-contact
LHYCT	106.371	162098	Maintain design record showing that the cooling tower will be non-contact
LHYREF	106.373	162098	Maintain record of refrigerant utilized in the source
LOXVAP-GA	106.183	09/04/2000	Maintain design record demonstrating maximum heat input capacity and fuel type
LOXVAP-GB	106.183	09/04/2000	Maintain design record demonstrating maximum heat input capacity and fuel type
М	106.371	09/04/2000	Maintain design record showing that the cooling tower will be non-contact
RGN HTR	106.183	09/04/2000	Maintain design record demonstrating maximum heat input capacity and fuel type
TERM-PW	106.454	11/01/2001	Maintain monthly records of total solvent makeup (gross usage minus waste disposal).

SECTION E: Compliance Certification Form

This section includes the following form:

OP-MON Monitoring Requirements

OP-ACPS Application Compliance Plan and Schedule

Texas Commission on Environmental Quality Monitoring Requirements Form OP-MON (Page 3)

Federal Operating Permit Program Table 1c: CAM/PM Case-By-Case Additions

I. Identifying Information				
Account No.: HG-0010-N	RN No.: RN102041282 CN: CN		CN: CN602299257	
Permit No.: O1249	Project No.: TBD			
Area Name: La Porte Texas Facility	Area Name: La Porte Texas Facility			
Company Name: Air Products LLC				
II. Unit/Emission Point/Group/Proces	ss Information			
Revision No.: 15				
Unit/EPN/Group/Process ID No.: HYCO4-	ATR			
Applicable Form: OP-UA5				
III. Applicable Regulatory Requireme	nt			
Name: 30 TAC 117				
SOP/GOP Index No.: R7ICI-01				
Pollutant: Carbon Monoxide (CO)				
Main Standard: 30 TAC 117.310(c)(1)				
Monitoring Type: PM				
Unit Size:				
Deviation Limit: Average fuel flow that e	xceeds 27.2 MMF	Stu/hr per heater.		
IV. Control Device Information				
Control Device ID No.: N/A				
Device Type: N/A	Device Type: N/A			
V. CAM Case-by-case				
Indicator:				
Minimum Frequency:				
Averaging Period:				
QA/QC Procedures:				
Verification Procedures:				
Representative Date:				
VI. Periodic Monitoring Case-by-case				
Indicator: Fuel Flow		Minimum Freque	ency: Hourly	
Averaging Period: Hourly				

Texas Commission on Environmental Quality Monitoring Requirements Form OP-MON (Page 3) Federal Operating Permit Program

Table 1c: CAM/PM Case-By-Case Additions

I. Identifying Information

Periodic Monitoring Text: Measure hourly fuel firing rate.

Basis of Monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a correlation between fuel flow rates and emission rates. The indicated source has a MAERT limit based on an emission factor that corresponds to a CO concentration below the Chapter 117 limit of 400 PPMV. The emission limit represented in the NSR permit is based on fuel gas consumption and a CO emission factor of 0.036 lb CO/MMBtu heat input. The fuel gas consumption is used to demonstrate compliance with the NSR MAERT limits, which will ensure compliance with the 30 TAC Chapter 117 CO emission standard.

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

Date: March 6, 2025	Regulated Entity No.: RN102041282		Permit No.: O1249
Company Name: Air Prod	lucts LLC	Area Na	me: La Porte Texas Facility

- 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				
As the requi	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.				
В.	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?	⊠ YES □ NO			
2.	Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	☐ YES ⊠ NO			
3.	If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. (For reference only)	0			
*	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.				
	Compliance should be assessed based, at a minimum, on the required monitoring, testing, record reporting requirements, as appropriate, associated with the applicable requirement in question.	d keeping, and/or			

Texas Commission on Environmental Quality

Title V Existing 1249

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?

LA PORTE TEXAS FACILITY

Does the site have a physical address?

Physical Address

Number and Street 10202 STRANG RD

City LA PORTE

 State
 TX

 ZIP
 77571

 County
 HARRIS

 Latitude (N) (##.####)
 29.701666

 Longitude (W) (-###.#####)
 95.071388

Primary SIC Code 4911

Secondary SIC Code

Primary NAICS Code 221112

Secondary NAICS Code

Regulated Entity Site Information

What is the Regulated Entity's Number (RN)? RN102041282

What is the name of the Regulated Entity (RE)?

AIR PRODUCTS LA PORTE PLANT

Does the RE site have a physical address?

Physical Address

Number and Street 10202 STRANG RD

City LA PORTE

 State
 TX

 ZIP
 77571

 County
 HARRIS

 Latitude (N) (##.####)
 29.701666

 Longitude (W) (-##.#####)
 -95.06833

Facility NAICS Code

What is the primary business of this entity?

INDUSTRIAL GASES PRODUCTION

https://ida.tceq.texas.gov/ida/index.cfm

Customer (Applicant) Information

How is this applicant associated with this site?

What is the applicant's Customer Number (CN)?

Type of Customer

Full legal name of the applicant:

Legal Name

Texas SOS Filing Number

Federal Tax ID

State Franchise Tax ID

State Sales Tax ID

Local Tax ID

DUNS Number

Number of Employees

Independently Owned and Operated?

Owner Operator

CN602299257

Corporation

Air Products LLC

706562523

320066540

32002289901

878893775

501+

Yes

Responsible Official Contact

Person TCEQ should contact for questions about this

application:

Organization Name

Prefix

First Middle

Last

Suffix

Credentials

Title

Enter new address or copy one from list:

Mailing Address

Address Type

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

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

City

State ZIP

Air Products LLC

MR

Enrique

Millan

Salinas

GM US HyCO Assets

Domestic

HOUSTON

TX

77060

16945 NORTHCHASE DR

https://ida.tceq.texas.gov/ida/index.cfm

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

2814783190

Extension

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

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

E-mail

millane1@airproducts.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this

application

Select existing DAR contact or enter a new contact.

New Contact

Organization Name Air Products LLC

Prefix MS

First Stephanie

Middle

Last Shuemaker

Suffix

Credentials

Title HyCO Area Manager

Enter new address or copy one from list RE Physical Address

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 10202 STRANG RD

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

City LA PORTE

State

Zip 77571

Phone (###-####) 2253996181

Extension

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

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

E-mail robrbas1@airproducts.com

Technical Contact

Person TCEQ should contact for questions about this application:

New Contact

MRS

Gail

Select existing TC contact or enter a new contact.

Organization Name Air Products LLC

Prefix
First

Middle

Last Richardson

Suffix

Credentials

Title Sr. Principle Environmental Engineer

Enter new address or copy one from list: RE Physical Address

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 10202 STRANG RD

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

City LA PORTE

State TX ZIP 77571

Phone (###-###-####) 2814783163

Extension

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

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

E-mail RICHARG4@airproducts.com

Title V General Information - Existing

1) Permit Type: SOP

2) Permit Latitude Coordinate: 29 Deg 42 Min 6 Sec

3) Permit Longitude Coordinate:4) Is this submittal a new application or an update to anNew Application

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

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

Renewal

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

4.1.2. Are there any permits that should be voided upon

issuance of this permit application through permit consolidation?

5) Who will electronically sign this Title V application?

Duly Authorized Representative

https://ida.tceq.texas.gov/ida/index.cfm

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

O1249 T5 Renewal Application_2025-03-06.pdf

Hash

AEF3592C37302B954CBB165D954A7DE4791E2467884686A3D8F49A830F9C1CC1

MIME-Type application/pdf

https://ida.tceq.texas.gov/ida/index.cfm

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 Stephanie Rohrbach, the owner of the STEERS account ER095989.
- 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 1249.
- 9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Stephanie Rohrbach OWNER OPERATOR

Account Number: ER095989

Signature IP Address: 136.226.100.197

Signature Date: 2025-03-19

Signature Hash: 9DCC5FB60DDB1EAB76635846AB8058D15F8FF5ED1E6A1649C230920445EAD8AD

Form Hash Code at time of Signature: C6DABAFE1370FBD8504F1F90125DF6244BCAD1DA750FBB8B309E7C04A3D2F459

Submission

Reference Number: The application reference number is 767535

https://ida.tceq.texas.gov/ida/index.cfm 6/7

Submitted by: The application was submitted by ER095989/Stephanie

Rohrbach

Submitted Timestamp: The application was submitted on 2025-03-19 at 12:49:16

CDT

Submitted From: The application was submitted from IP address

136.226.100.197

Confirmation Number: The confirmation number is 639976

Steers Version: The STEERS version is 6.88

Permit Number: The permit number is 1249

Additional Information

Application Creator: This account was created by Garrett B Shaw