

Texas Commission on Environmental Quality

Title V New

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	Polyethylene 7 Plant
Does the site have a physical address?	Yes
Physical Address	
Number and Street	2301 N BRAZOSPORT BLVD
City	FREEPORT
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.#####)	28.5942
Longitude (W) (-###.#####)	-95.2516
Primary SIC Code	
Secondary SIC Code	
Primary NAICS Code	
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100225945
What is the name of the Regulated Entity (RE)?	DOW TEXAS OPERATIONS FREEPORT
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	2301 N BRAZOSPORT BLVD
City	FREEPORT
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.#####)	28.9825
Longitude (W) (-###.#####)	-95.352777
Facility NAICS Code	325181
What is the primary business of this entity?	INDUSTRIAL CHEMICAL MANUFACTURING PLANT

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN600356976
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	The Dow Chemical Company
Texas SOS Filing Number	1216206
Federal Tax ID	381285128
State Franchise Tax ID	13812851288
State Sales Tax ID	

Local Tax ID	
DUNS Number	84970516
Number of Employees	251-500
Independently Owned and Operated?	No

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	The Dow Chemical Company
Prefix	MR
First	John
Middle	
Last	Sampson
Suffix	
Credentials	
Title	Senior Vice President
Enter new address or copy one from list:	Site Physical Address
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2301 N BRAZOSPORT BLVD
Routing (such as Mail Code, Dept., or Attn:)	
City	FREEPORT
State	TX
ZIP	77541
Phone (###-###-####)	9792389877
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	TXLES@dow.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Same as another contact?

Organization Name	The Dow Chemical Company
Prefix	MS
First	Fran
Middle	
Last	Falcon
Suffix	
Credentials	
Title	Texas Regional Environmental Leader
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	332 HIGHWAY 332 E
Routing (such as Mail Code, Dept., or Attn:)	

City	LAKE JACKSON
State	TX
Zip	77566
Phone (###-###-####)	9792389764
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	fqfalcon@dow.com

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name

The Dow Chemical Company

Prefix

MRS

First

Crystal

Middle

Last

Schmidt

Suffix

Credentials

Title

Air Permit Manager

Enter new address or copy one from list:

Duly Authorized Representative Contact Address

Mailing Address

Address Type

Domestic

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

332 HIGHWAY 332 E

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

City

LAKE JACKSON

State

TX

ZIP

77566

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

9792381742

Extension

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

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

E-mail

cschmidt6@dow.com

Title V General Information - New

1) Permit Latitude Coordinate:	28 Deg 35 Min 39 Sec
2) Permit Longitude Coordinate:	95 Deg 15 Min 6 Sec
3) Is this submittal a new application or an update to an existing application?	Update
3.1. Is this application update a follow-up to an abbreviated application?	No
3.2. Select the permit/project number for which this update should be applied.	4689-37211
4) Who will electronically sign this Title V application?	Duly Authorized Representative
5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule	No

requirements?

Title V Attachments New

Attach OP-1 (Site Information Summary)

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-SUM (Individual Unit Summary)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name	2025-07-17_NOD_Response_O4689.pdf
Hash	2147DF4004E9907F5016B218DC7EFE9372ED266199EB287D5F0D23240373BE59
MIME-Type	application/pdf

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

Certification

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

1. I am Fran Q Falcon, the owner of the STEERS account ER028176.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.

7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V New.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Fran Q Falcon OWNER OPERATOR

Account Number:	ER028176
Signature IP Address:	170.85.9.24
Signature Date:	2025-07-17
Signature Hash:	47028DDAF3697FA5C70F77C16A06E50F53CC1EEEEAEF487D89AB53CE34D67B713
Form Hash Code at time of Signature:	9C3B07EA662C6139CE9E12A880BF3CD80A8AFCD3DD5B989CB74374288005C35D

Submission

Reference Number:	The application reference number is 801581
Submitted by:	The application was submitted by ER028176/Fran Q Falcon
Submitted Timestamp:	The application was submitted on 2025-07-17 at 13:49:09 CDT
Submitted From:	The application was submitted from IP address 170.85.9.24
Confirmation Number:	The confirmation number is 665273
Steers Version:	The STEERS version is 6.92

Additional Information

Application Creator: This account was created by Crystal Schmidt



July 17, 2025

E-MAIL RESPONSE

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

The Dow Chemical Company, CN600356976
Polyethylene 7 Plant, RN100225945
Title V Operating Permit NOD Response for Polyethylene 7 Plant, O4689
TCEQ Project Number: 37211

Dear Mr. Murray,

The Dow Chemical Company (Dow) is providing a response to the Notice of Deficiency (NOD) items provided on July 17, 2025.

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

Sincerely,

Crystal Schmidt

Crystal Schmidt
Air Permit Manager

enclosure

cc:

US EPA Region 6
TCEQ Air Section Manager, Region 12
Brazoria County Health Department

R6AirPermitsTX@epa.gov
R12apdmail@tceq.texas.gov
jodie@brazoria-county.com

Additional Information Request

Item 1	I noticed a minor error on the Form OP-REQ1 in my final review. Questions I.C.1 and I.D.1 (relating to agricultural and non-agricultural processes) cannot both be “No”. I have changed the answer for question I.C.1 to “Yes” which incorporates another term into the WDP. I have attached a screen shot of the term added below (Term 3.C) for your reference since there are no other changes to the WDP.
Item 1 Response	Please see the attached Form OP-REQ1 (Page 2 only) for more information.

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

Date	Permit No.	Regulated Entity No.
July 17, 2025	O4689	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

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

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Thursday, July 17, 2025 11:56 AM
To: Kyle Murray
Subject: RE: Working Draft Permit -- FOP O4689/Project 37211, The DOW Chemical Company, Polyethylene 7 Plant
Attachments: 2025-07-17_NOD_Response_O4689.pdf

Kyle,

Great catch! I didn't notice that either. Please see the attached document. I will work on getting this submitted through STEERS by the end of the week. Thanks!

Crystal Schmidt

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



Seek **Together™**

From: Kyle Murray <Kyle.Murray@tceq.texas.gov>

Sent: Thursday, July 17, 2025 9:01 AM

To: Schmidt, Crystal (C) <cschmidt6@dow.com>

Subject: RE: Working Draft Permit -- FOP 04689/Project 37211, The DOW Chemical Company, Polyethylene 7 Plant

Good morning Crystal,

The PNAP is set to be mailed out tomorrow, 07/18. I noticed a minor error on the OP-REQ1 in my final review. Questions I.C.1 and I.D.1 (relating to agricultural and non-agricultural processes) cannot both be "No". I have changed the answer for question I.C.1 to "Yes" which incorporates another term into the WDP. I have attached a screen shot of the term added below (Term 3.C) for your reference since there are no other changes to the WDP.

Apologies for this oversight, but please submit an updated page 2 of the OP-REQ1 (Question I.C.1) through STEERS by **Friday, August 1st**, so this change can be certified. Let me know if you have any questions. Thank you!

- C. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
- (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
 - (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)

Sincerely,

Kyle J. Murray

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

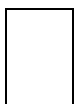
MC 163, P.O. Box 13087

Austin, TX 78711-3087

kyle.murray@tceq.texas.gov

Phone: (512) 239-1279

Fax: (512) 239-1400



Texas Commission on Environmental Quality

Title V New

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	Polyethylene 7 Plant
Does the site have a physical address?	Yes
Physical Address	
Number and Street	2301 N BRAZOSPORT BLVD
City	FREEPORT
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.#####)	28.5942
Longitude (W) (-###.#####)	-95.2516
Primary SIC Code	
Secondary SIC Code	
Primary NAICS Code	
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100225945
What is the name of the Regulated Entity (RE)?	DOW TEXAS OPERATIONS FREEPORT
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	2301 N BRAZOSPORT BLVD
City	FREEPORT
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.#####)	28.9825
Longitude (W) (-###.#####)	-95.352777
Facility NAICS Code	325181
What is the primary business of this entity?	INDUSTRIAL CHEMICAL MANUFACTURING PLANT

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN600356976
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	The Dow Chemical Company
Texas SOS Filing Number	1216206
Federal Tax ID	381285128
State Franchise Tax ID	13812851288
State Sales Tax ID	

Local Tax ID	
DUNS Number	84970516
Number of Employees	251-500
Independently Owned and Operated?	No

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	The Dow Chemical Company
Prefix	MR
First	John
Middle	
Last	Sampson
Suffix	
Credentials	
Title	Senior Vice President
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2301 N BRAZOSPORT BLVD
Routing (such as Mail Code, Dept., or Attn:)	
City	FREEPORT
State	TX
ZIP	77541
Phone (###-###-####)	9792389877
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	TXLES@dow.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Same as another contact?

Organization Name	The Dow Chemical Company
Prefix	MS
First	Fran
Middle	
Last	Falcon
Suffix	
Credentials	
Title	TX Regional Environmental Director
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	332 SH 332 E.
Routing (such as Mail Code, Dept., or Attn:)	

City	Lake Jackson
State	TX
Zip	77566
Phone (###-###-####)	9792389764
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	fqfalcon@dow.com

Technical Contact

Person TCEQ should contact for questions about this application:	
Same as another contact?	
Organization Name	The Dow Chemical Company
Prefix	MRS
First	Crystal
Middle	
Last	Schmidt
Suffix	
Credentials	
Title	Air Permit Manager
Enter new address or copy one from list:	Duly Authorized Representative Contact Address
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	332 SH 332 E
Routing (such as Mail Code, Dept., or Attn:)	
City	Lake Jackson
State	TX
ZIP	77566
Phone (###-###-####)	9792381742
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	cschmidt6@dow.com

Title V General Information - New

1) Permit Latitude Coordinate:	28 Deg 35 Min 39 Sec
2) Permit Longitude Coordinate:	95 Deg 15 Min 6 Sec
3) Is this submittal a new application or an update to an existing application?	Update
3.1. Is this application update a follow-up to an abbreviated application?	No
3.2. Select the permit/project number for which this update should be applied.	4689-37211
4) Who will electronically sign this Title V application?	Duly Authorized Representative
5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule	No

requirements?

Title V Attachments New

Attach OP-1 (Site Information Summary)

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-SUM (Individual Unit Summary)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name	2025-07-15_OP-CRO1_O4689.pdf">/ePermitsExternal/faces/file?fileId=269217>2025-07-15_OP-CRO1_O4689.pdf
Hash	6AC86D546A60392E54EE9F4736B84EE957811E9934F4DE8150170C2D7E089430
MIME-Type	application/pdf

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

Certification

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

1. I am Fran Q Falcon, the owner of the STEERS account ER028176.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.

7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V New.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Fran Q Falcon OWNER OPERATOR

Account Number:	ER028176
Signature IP Address:	136.226.100.121
Signature Date:	2025-07-15
Signature Hash:	47028DDAF3697FA5C70F77C16A06E50F53CC1EEEEAEF487D89AB53CE34D67B713
Form Hash Code at time of Signature:	55C0621F834FF802281FCAD7C57202B135E48181A52CF6558BB888E958B07E98

Submission

Reference Number:	The application reference number is 800884
Submitted by:	The application was submitted by ER028176/Fran Q Falcon
Submitted Timestamp:	The application was submitted on 2025-07-15 at 14:02:36 CDT
Submitted From:	The application was submitted from IP address 136.226.100.121
Confirmation Number:	The confirmation number is 664800
Steers Version:	The STEERS version is 6.92

Additional Information

Application Creator: This account was created by Crystal Schmidt

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: RN100225945
CN: CN600356976
Account No.: BL-0082-R
Permit No.: O4689
Project No.: 37211
Area Name: Polyethylene 7 Plant
Company Name: The Dow Chemical Company
II. Certification Type <i>(Please mark appropriate box)</i>
<input type="checkbox"/> Responsible Official Representative <input checked="" type="checkbox"/> Duly Authorized Representative
III. Submittal Type <i>(Please mark appropriate box) (Only one response can be accepted per form)</i>
<input type="checkbox"/> SOP/TOP Initial Permit Application <input type="checkbox"/> Permit Revision, Renewal, or Reopening
<input type="checkbox"/> GOP Initial Permit Application <input type="checkbox"/> Update to Permit Application
<input checked="" type="checkbox"/> Other: <u>Working Draft Permit Certification</u>

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

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

IV. Certification of Truth
This certification does not extend to information which is designated by TCEQ as information for reference only.
I, <u>Fran Falcon</u> certify that I am the <u>DAR</u> <div style="display: flex; justify-content: space-between; margin-top: 5px;"><i>(Certifier Name printed or typed)</i><i>(RO or DAR)</i></div>
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete: <i>Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i>
Time Period: From <u>March 12, 2025</u> to <u>July 15, 2025</u> <div style="display: flex; justify-content: space-between; margin-top: 5px;"><i>(Start Date)</i><i>(End Date)</i></div>
Specific Dates: _____ <div style="display: flex; justify-content: space-around; margin-top: 5px;"><i>(Date 1)</i><i>(Date 2)</i><i>(Date 3)</i><i>(Date 4)</i></div>
_____ <div style="display: flex; justify-content: space-around; margin-top: 5px;"><i>(Date 5)</i><i>(Date 6)</i></div>
Signature: _____ Signature Date: <u>July 15, 2025</u>
Title: <u>Texas Regional Environmental Leader</u>

From: Kyle Murray
Sent: Wednesday, July 9, 2025 9:39 AM
To: Schmidt, Crystal (C)
Subject: RE: Working Draft Permit -- FOP O4689/Project 37211, The DOW Chemical Company, Polyethylene 7 Plant

Good morning Crystal,

In preparation for public notice, all previous application updates from our email correspondence will need to be certified. Please submit an OP-CRO1 through STEERS with the Time Period range from 03/12/2025 – 07/07/2025 to cover all application updates that were submitted. Please complete this by **Wednesday, July 16th**.

Feel free to email me the signed OP-CRO1 first in order to meet the deadline, but the form will still need to be submitted through STEERS . You may also upload all documents to STEERS (as you have done in previous applications) if that is easier. Let me know if you have any questions.

Thank you!

Kyle J. Murray

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

MC 163, P.O. Box 13087

Austin, TX 78711-3087

kyle.murray@tceq.texas.gov

Phone: (512) 239-1279

Fax: (512) 239-1400



How are we doing? Fill out our online customer satisfaction survey

at www.tceq.texas.gov/customersurvey

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Monday, July 7, 2025 3:15 PM
To: Kyle Murray
Subject: RE: Working Draft Permit -- FOP O4689/Project 37211, The DOW Chemical Company, Polyethylene 7 Plant
Attachments: Major NSR Summary Table - O4689 The DOW Chemical Company (Initial, 37211)_Dow.docx

Kyle,

Please see the attached Major NSR Summary Table and let me know if any changes need to be made. Thanks!

Crystal Schmidt

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



Major NSR Summary Table

Permit Number 153106 and N268					Issuance Date: February 28, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
B94H7510	Furnace F-7510 Routine Operations	CO	4.95	-	9, 12, 17, 19, 26, 28	9, 12, 17, 19, 26, 27, 28, 39	9, 19, 26, 28
		NO _x	3.41	-			
		PM	0.71	-			
		PM ₁₀	0.71	-			
		PM _{2.5}	0.71	-			
		SO ₂	1.33	-			
		VOC	1.73	-			
	Furnace F-7510 Receiving Recycle Stream	CO	4.95	-	9, 12, 13, 17, 19, 26, 28	9, 12, 13, 17, 19, 26, 27, 28, 39	9, 19, 26, 28
		NO _x	3.41	-			
		PM	0.71	-			
		PM ₁₀	0.71	-			
		PM _{2.5}	0.71	-			
		SO ₂	1.33	-			
		VOC (6)	7.69	-			
		Ethylene	5.58	-			
	Annual Emission CAP	CO	-	21.67			
		NO _x	-	8.78			

Major NSR Summary Table

Permit Number 153106 and N268					Issuance Date: February 28, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM	-	3.10			
		PM ₁₀	-	3.10			
		PM _{2.5}	-	3.10			
		SO ₂	-	0.23			
		VOC (6)	-	12.91			
		Ethylene	-	4.75			
B94F1	Flare FS-7081 Routine Operations	CO	30.48	-	15, 28	15, 28, 39	15, 28
		NO _x	3.55	-			
		SO ₂	2.89	-			
		VOC (6)	28.74	-			
		Ethylene	0.69	-			
		Propylene	0.80	-			

Major NSR Summary Table

Permit Number 153106 and N268					Issuance Date: February 28, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	Flare FS-7081 Receiving Recycle Stream	CO	98.76	-	14, 15, 28	14, 15, 28, 39	15, 28
		NO _x	37.76	-			
		SO ₂	5.43	-			
		VOC (6)	148.28	-			
		Ethylene	103.32	-			
		Propylene	0.80	-			
	Flare FS-7081 Maintenance, Startup, and Shutdown (MSS)	CO	118.92	-	32, 33, 34, 35, 36, 37, 38	32, 33, 34, 35, 36, 37, 38	32, 33, 34, 35, 36, 37, 38
		NO _x	38.24	-			
		SO ₂	2.08	-			
		VOC (6)	158.45	-			
		Ethylene	119.97	-			
		Propylene	11.99	-			
	Annual Emission CAP	CO	-	51.31			
		NO _x	-	7.58			
		SO ₂	-	0.09			
		VOC (6)	-	10.77			
		Ethylene	-	8.40			

Major NSR Summary Table

Permit Number 153106 and N268					Issuance Date: February 28, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		Propylene	-	0.26			
B94FU1	Process Area Fugitive Emissions (5)	VOC (6)	1.06	5.03	5	5, 39	5
		Ethylene	0.49	2.13			
		Propylene	0.07	0.33			
B93FU2	Common Area Fugitive Emissions (5)	VOC	0.12	0.54	5	5, 39	5
B94CT1	Cooling Tower	VOC	1.25	2.47	10, 11	10, 11, 39	
		PM	0.29	0.83			
		PM ₁₀	0.10	0.38			
		PM _{2.5}	0.06	0.16			
B94BH7410	Masterbatch Unloading Vent Filter	PM	0.08	0.35	18	18, 39	
		PM ₁₀	0.08	0.35			
		PM _{2.5}	0.08	0.35			
B94BH7411	Masterbatch Receiving Vent Filter	PM	0.08	0.35	18	18, 39	
		PM ₁₀	0.08	0.35			
		PM _{2.5}	0.08	0.35			

Major NSR Summary Table

Permit Number 153106 and N268					Issuance Date: February 28, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
B94FL7990A, B94FL7990B, B94FL7990C, B94FL7990D, B94FL7991A, B94FL7991B, B94FL7991C, B94FL7991D, B94FL7992A, B94FL7992B, B94FL7992C, B94FL7992D (7)	Product Loading	VOC	1.19	2.18	21	21, 25, 39	
	Loading Filter	PM	0.01	0.01			
		PM ₁₀	0.01	0.01			
		PM _{2.5}	0.01	0.01			
B94VSDA & B94VSDB	Spin Dryers	VOC	5.32	19.56	20, 23	20, 23	20
B94MEFU1	Opening Equipment for MSS	VOC (6)	138.42	0.23	32, 33, 34, 35, 36, 37, 38	32, 33, 34, 35, 36, 37, 38, 39	32, 33, 34, 35, 36, 37, 38
		Ethylene	50.08	0.07			
		Propylene	50.00	0.07			
		HCl	0.14	0.01			

Major NSR Summary Table

Permit Number 153106 and N268					Issuance Date: February 28, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
B94MEAFU1	Attachment A MSS	Acetone	0.40	0.02	32, 33, 34, 35, 36, 37, 38	32, 33, 34, 35, 36, 37, 38, 39	32, 33, 34, 35, 36, 37, 38
		VOC (6)	2.96	0.08			
		Ethylene	0.11	0.01			
		Propylene	0.02	0.01			
		PM	0.15	0.01			
		PM ₁₀	0.15	0.01			
		PM _{2.5}	0.15	0.01			

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 NOx - total oxides of nitrogen
 SO₂ - sulfur dioxide
 PM - total particulate matter, including PM₁₀ and PM_{2.5} as represented
 PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 PM_{2.5} - total particulate matter equal to or less than 2.5 microns in diameter
 CO - carbon monoxide
 HCl - hydrogen chloride
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) VOC emission rate includes ethylene and propylene emissions as associated to the emission point number.
- (7) The EPNs are for the individual spin loaders, each with their own filter. One rail car will be loaded by four spin loaders. In one hour, up to two railcars can be loaded. Hourly emissions are calculated based on two railcars being loaded with emissions from eight spin loaders. Annual emissions are calculated for emissions from all 12 spin loaders.

From: Kyle Murray <Kyle.Murray@tceq.texas.gov>

Sent: Monday, June 30, 2025 10:40 AM

To: Schmidt, Crystal (C) <cschmidt6@dow.com>

Subject: RE: Working Draft Permit -- FOP O4689/Project 37211, The DOW Chemical Company, Polyethylene 7 Plant

Good morning Crystal,

Unfortunately, the Major NSR Summary Table was not included in the WDP. I have attached a copy of it here. Please fill out the Monitoring, Recordkeeping, and Reporting (MRR) Requirements column. Please try to have this to me by **Monday, July 7th**, but let me know if you would need more time. Thank you and happy Fourth!

Sincerely,

Kyle J. Murray

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

MC 163, P.O. Box 13087

Austin, TX 78711-3087

kyle.murray@tceq.texas.gov

Phone: (512) 239-1279

Fax: (512) 239-1400



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

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Tuesday, June 24, 2025 12:25 PM
To: Kyle Murray
Subject: RE: Working Draft Permit -- FOP O4689/Project 37211, The DOW Chemical Company, Polyethylene 7 Plant
Attachments: 2025-06-24_WDP_Response_O4689.pdf

Kyle,

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

Crystal Schmidt

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



Seek **Together**™



June 24, 2025

E-MAIL RESPONSE

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

The Dow Chemical Company, CN600356976
Polyethylene 7 Plant, RN100225945
Title V Operating Permit WDP Response for Polyethylene 7 Plant, O4689
TCEQ Project Number: 37211

Dear Mr. Murray,

The Dow Chemical Company (Dow) is providing comments on the Working Draft Permit (WDP), which was provided on June 19, 2025.

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

Sincerely,

Crystal Schmidt

Crystal Schmidt
Air Permit Manager

enclosure

cc:

US EPA Region 6
TCEQ Air Section Manager, Region 12
Brazoria County Health Department

R6AirPermitsTX@epa.gov
R12apdmail@tceq.texas.gov
jodie@brazoria-county.com

Working Draft Permit Comments

Dow has no further comments on the O4689 Working Draft Permit (WDP).

From: Kyle Murray <Kyle.Murray@tceq.texas.gov>

Sent: Thursday, June 19, 2025 9:27 AM

To: Schmidt, Crystal (C) <cschmidt6@dow.com>

Subject: RE: Working Draft Permit -- FOP O4689/Project 37211, The DOW Chemical Company, Polyethylene 7 Plant

Good morning Crystal,

Thank you for your response. I have attached the revised WDP for your review; please provide me with any comments you may have or indicate your approval if you do not have any by **Friday, June 27th**. The changes to the WDP are as follows:

- Added monitoring for Unit ID B94P7SP808 – Index # R5132-01 – 30 TAC Chapter 115, Water Separation, VOC
- Removed MACT FFFF requirements for unit ID B94P7SP808
- Removed 30 TAC Chapter 115, HRVOC Vent Gas requirements for Unit ID B94P7F1
- Removed NSPS Dc requirements from Unit ID B94P7H510 and added negative applicability
- Added NSPS VVa requirements to Unit IDs B94P7FU1 & B94P7FU2
- Updated Textual Descriptions for Unit IDs B94P7FU1 & B94P7FU2 for MACT FFFF (Manual build)
- Updated Unit Names for Unit IDs B94P7PV211 & B94P7PV7511B

Please let me know if you have any further questions or if you would need additional time for your review (we are trying to move this project along and would greatly appreciate your help with the shorter timelines).

Sincerely,

Kyle J. Murray

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

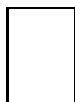
MC 163, P.O. Box 13087

Austin, TX 78711-3087

kyle.murray@tceq.texas.gov

Phone: (512) 239-1279

Fax: (512) 239-1400



From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Wednesday, June 18, 2025 10:55 AM
To: Kyle Murray
Subject: RE: Working Draft Permit -- FOP O4689/Project 37211, The DOW Chemical Company, Polyethylene 7 Plant
Attachments: 2025-06-18_NOD_Response_O4689.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Kyle,

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

Crystal Schmidt

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





June 18, 2025

E-MAIL RESPONSE

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

The Dow Chemical Company, CN600356976
Polyethylene 7 Plant, RN100225945
Title V Operating Permit NOD Response for Polyethylene 7 Plant, O4689
TCEQ Project Number: 37211

Dear Mr. Murray,

The Dow Chemical Company (Dow) is providing a response to the Notice of Deficiency (NOD) items provided on June 11, 2025.

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

Sincerely,

Crystal Schmidt

Crystal Schmidt
Air Permit Manager

enclosure

cc:

US EPA Region 6
TCEQ Air Section Manager, Region 12
Brazoria County Health Department

R6AirPermitsTX@epa.gov
R12apdmail@tceq.texas.gov
jodie@brazoria-county.com

Additional Information Request

Item 1	Unit B94P7SP808 on Form OP-UA14 for MACT FFFF: It does not appear that the UA form for this unit was correctly filled out according to the scenarios I listed in my previous correspondence. It seems like you are scenario “a”; please make corrections to this form for this unit or explain the scenario that you do have.
Item 1 Response	Polyethylene only handles Group 2 wastewater streams; therefore, Form OP-UA14/Table 11 should not have been completed. Please see the attached Form OP-UA14/Table 11. And Form OP-REQ3 for more information.
Item 2	Additional Monitoring Requirements – Unit ID B94P7H510: The additional monitoring for this unit is not being requested for Chapter 115, Vent Gas Controls or Chapter 115 HRVOC Vent Gas. These rules have monitoring for the direct flame incinerator in the regulation text. The monitoring I am requesting is for Chapter 111, Visible Emissions; the Opacity Monitoring System question on Table 1a of the UA-15 was answered NONE. Because there is no ongoing monitoring or specific frequency required to provide data that would assure compliance with this rule, we will need this unit added on an OP-MON form for Chapter 111, Visible Emissions. We have option PM-P-032, the quarterly visible emissions observations, that could suffice for this monitoring requirement. Please let me know if you have any further questions.
Item 2 Response	Please see the attached Form OP-MON for more information.
Item 3	Permit Shields for 30 TAC Chapter 115, Loading and Unloading of VOC: The OP-REQ2 entries for Unit IDs B94P7UL5, B94P7UL11, B94P7UL12, B94P7UL13, B94P7UL14, and B94P7UL15 will need to be reviewed under the following situation. There cannot be both negative and positive applicability as there is not a question on the UA form to highlight that the tank does not meet the definition of a transport vessel. Because of this, the unit should also be removed from the OP-UA4. The form should be left blank for any units having the negative applicability reason “Does not have a storage tank having a capacity greater than 1,000 gallons; therefore, it does not meet the definition of a transport vessel” on the OP-REQ2.
Item 3 Response	Please see the attached Form OP-UA4/Table 1a and OP-REQ3 for more information.
Item 4	Unit ID B94P7H510 Citation Discrepancies (Applicable Requirements Summary Comments): <ul style="list-style-type: none"> a. <u>30 TAC Chapter 117, Subchapter B, CO/NO_x</u> - After a review of the flow charts and regulation texts, the additional citations included, or citations omitted in the ARS table for this unit and its pollutants (not matching the submitted OP-REQ3) were included and/or omitted because CEMS was chosen as the answer for CO/NO_x Monitoring System on the OP-UA5. Please review the attribute information on this form and/or provide reasons why specific citations should be included or omitted. b. <u>40 CFR Part 63, Subpart DDDDD, HAPS</u> – After a review of the flow charts and regulation texts , the additional citations included , or citations omitted in the ARS table for this unit were included and/or omitted because Table Applicability was answered with T3.1TS (the unit is designed to utilize a continuous oxygen trim system). This attribute choice is not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.1. Please also review the attribute information on this form and/or provide reasons why specific citations should be included or omitted.
Item 4 Response	Please disregard the previous request to update the citations. I believe our flowchart and Form OP-REQ3 was completely incorrectly in the initial submittal. Dow agrees with all citations listed in the last WDP.

Additional Information Request (cont.)

Item 5	Form OP-MON – Unit ID B94P7SP808 – Index # R5132-01 – 30 TAC Chapter 115, Water Separation, VOC: This unit requires additional periodic monitoring for VOC to ensure the compartments of the water separator are vapor tight. PM Options PM-V-049, PM-V-050, PM-V-051, or PM-V-001 would suffice for this monitoring.
Item 5 Response	Please see the attached Form OP-MON for more information.

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

Date	Permit No.	Regulated Entity No.
June 18, 2025	O4689	RN100225945

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
B94P7UL11	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5		
B94P7UL12	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5		
B94P7UL13	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5		
B94P7UL14	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5		
B94P7UL15	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5		
B94P7UL5	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5		

Water Separator Attributes
Form OP-UA14 (Page 27)
Federal Operating Permit Program

Table 11a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
June 18, 2025	O4689	RN100225945

Unit ID No.	SOP Index No.	Process Wastewater	Meets 40 CFR § 63.149(d)	Unit Category	Control Requirement	EEL ID No	Floating Roof Alternate Monitoring Parameters	Floating Roof AMP ID No.
B94P7SP808	63FFFF-01	YES	NO	TBLE35	CVS			

**Water Separator Attributes
Form OP-UA14 (Page 28)
Federal Operating Permit Program**

**Table 11b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
June 18, 2025	O4689	RN100225945

Unit ID No.	SOP Index No.	Closed Vent System	By-pass Lines	Combination of Control Devices	Control Devices	Control Device ID No	Compliance With 40 CFR §63.139(c)(1)	Halogenated
B94P7SP808	63FFFF-01	SUBPTG	NONE		FLARE	B94P7F1		NON

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

Date: June 18, 2025	Regulated Entity No.: RN100225945	Permit No.: O4689
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7 Plant	

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)
	B94P7SP808	OP-UA14	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	115.132(a)(1)
	B94P7UL11	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), (a)(1)(D), (a)(1)(D)(i)
	B94P7UL12	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), (a)(1)(D), (a)(1)(D)(i)
	B94P7UL13	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), (a)(1)(D), (a)(1)(D)(i)
	B94P7UL14	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), (a)(1)(D), (a)(1)(D)(i)
	B94P7UL15	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), (a)(1)(D), (a)(1)(D)(i)
	B94P7UL5	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), (a)(1)(D), (a)(1)(D)(i)

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

Date: June 18, 2025	Regulated Entity No.: RN100225945	Permit No.: O4689
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7 Plant	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B94P7SP808	63FFFF-01	HAPS	[G]115.135(a), 115.136(a)(3)-(4)	115.136(a)(3)-(4)	NONE
	B94P7UL11	R5211-01	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	B94P7UL12	R5211-01	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	B94P7UL13	R5211-01	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	B94P7UL14	R5211-01	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	B94P7UL15	R5211-01	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	B94P7UL5	R5211-01	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE

Monitoring Requirements
Form OP-MON (Page 1)
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: <i>BL-0082-R</i>	RN No.: <i>RN100225945</i>	CN: <i>CN600356976</i>
Permit No: <i>04689</i>		Project No.: <i>37211</i>
Area Name: <i>Polyethylene 7 Plant</i>		
Company Name: <i>The Dow Chemical Company</i>		
II. Unit/Emission Point/Group/Process Information		
Revision No.: <i>N/A</i>		
Unit/EPN/Group/Process ID No.: <i>B94P7H510</i>		
Applicable Form: <i>OP-UA15</i>		
III. Applicable Regulatory Requirement		
Name: <i>30 TAC Chapter 111, Visible Emissions</i>		
SOP/GOP Index No.: <i>R1111-01</i>		
Pollutant: <i>PM (Opacity)</i>		
Main Standard: <i>111.111(a)(1)(B)</i>		
IV. Title V Monitoring Information		
Monitoring Type: <i>PM</i>		
Unit Size:		
CAM/PM Option No.: <i>PM-P-001</i>		
Deviation Limit: <i>If visible emissions are observed, the permit holder shall report a deviation.</i>		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: <i>N/A</i>		
Device Type: <i>N/A</i>		

**Monitoring Requirements
Form OP-MON (Page 1)
Table 1a: CAM/PM Additions**

I. Identifying Information		
Account No.: <i>BL-0082-R</i>	RN No.: <i>RN100225945</i>	CN: <i>CN600356976</i>
Permit No: <i>04689</i>	Project No.: <i>37211</i>	
Area Name: <i>Polyethylene 7 Plant</i>		
Company Name: <i>The Dow Chemical Company</i>		
II. Unit/Emission Point/Group/Process Information		
Revision No.: <i>N/A</i>		
Unit/EPN/Group/Process ID No.: <i>B94P7SP808</i>		
Applicable Form: <i>OP-UA14</i>		
III. Applicable Regulatory Requirement		
Name: <i>30 TAC Chapter 115, Water Separation</i>		
SOP/GOP Index No.: <i>R5132-01</i>		
Pollutant: <i>VOC</i>		
Main Standard: <i>115.132(a)(1)</i>		
IV. Title V Monitoring Information		
Monitoring Type: <i>PM</i>		
Unit Size:		
CAM/PM Option No.: <i>PM-V-050</i>		
Deviation Limit: <i>For potential leak interface other than seal around a shaft that passes through a cover opening, the max. VOC concentration shall be 500 ppmv. For a seal around a shaft that passes through a cover opening the max. VOC concentration shall be 10,000 ppmv.</i>		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: <i>N/A</i>		
Device Type: <i>N/A</i>		

**Monitoring Requirements
Form OP-MON (Page 1)
Table 1a: CAM/PM Additions**

I. Identifying Information		
Account No.: <i>BL-0082-R</i>	RN No.: <i>RN100225945</i>	CN: <i>CN600356976</i>
Permit No.: <i>04689</i>	Project No.: <i>37211</i>	
Area Name: <i>Polyethylene 7 Plant</i>		
Company Name: <i>The Dow Chemical Company</i>		
II. Unit/Emission Point/Group/Process Information		
Revision No.: <i>N/A</i>		
Unit/EPN/Group/Process ID No.: <i>B94P7SP808</i>		
Applicable Form: <i>OP-UA14</i>		
III. Applicable Regulatory Requirement		
Name: <i>30 TAC Chapter 115, Water Separation</i>		
SOP/GOP Index No.: <i>R5132-01</i>		
Pollutant: <i>VOC</i>		
Main Standard: <i>115.132(a)(1)</i>		
IV. Title V Monitoring Information		
Monitoring Type: <i>PM</i>		
Unit Size:		
CAM/PM Option No.: <i>PM-V-051</i>		
Deviation Limit: <i>Any monitoring data that indicates a gap or crack in a sealed opening shall be considered and reported as a deviation as required by 30 TAC § 122.145(2).</i>		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: <i>N/A</i>		
Device Type: <i>N/A</i>		

From: Kyle Murray <Kyle.Murray@tceq.texas.gov>

Sent: Wednesday, June 11, 2025 9:13 AM

To: Schmidt, Crystal (C) <cschmidt6@dow.com>

Subject: RE: Working Draft Permit -- FOP O4689/Project 37211, The DOW Chemical Company, Polyethylene 7 Plant

Good morning Crystal,

I have some additional discrepancies and comments regarding your latest response. Please address each item below by **Wednesday, June 18th**. I will send you a revised WDP incorporating these updates as well as the comments you had in our previous correspondence upon completion.

1. **Unit B94P7SP808 on Form OP-UA14 for MACT FFFF** – It does not appear that the UA form for this unit was correctly filled out according to the scenarios I listed in my previous correspondence. It seems like you are scenario “a”; please make corrections to this form for this unit or explain the scenario that you do have.
2. **Additional Monitoring Requirements – Unit ID B94P7H510** – The additional monitoring for this unit is not being requested for Chapter 115, Vent Gas Controls or Chapter 115 HRVOC Vent Gas. These rules have monitoring for the direct flame incinerator in the regulation text. The monitoring I am requesting is for Chapter 111, Visible Emissions; the Opacity Monitoring System question on Table 1a of the UA-15 was answered NONE. Because there is no ongoing monitoring or specific frequency required to provide data that would assure compliance with this rule, we will need this unit added on an OP-MON form for Chapter 111, Visible Emissions. We have option PM-P-032, the quarterly visible emissions observations, that could suffice for this monitoring requirement. Please let me know if you have any further questions.
3. **Permit Shields for 30 TAC Chapter 115, Loading and Unloading of VOC** – The OP-REQ2 entries for Unit IDs B94P7UL5, B94P7UL11, B94P7UL12, B94P7UL13, B94P7UL14, and B94P7UL15 will need to be reviewed under the following situation. There cannot be both negative and positive applicability as there is not a question on the UA form to highlight that the tank does not meet the definition of a transport vessel. Because of this, the unit should also be removed from the OP-UA4. The form should be left blank for any units having the negative applicability reason “Does not have a storage tank having a capacity greater than 1,000 gallons; therefore, it does not meet the definition of a transport vessel” on the OP-REQ2.
4. **Unit ID B94P7H510 Citation Discrepancies (Applicable Requirements Summary Comments)**
 - a. 30 TAC Chapter 117, Subchapter B, CO/NO_x - After a review of the flow charts and regulation texts, the additional citations included, or citations omitted in the ARS table for this unit and its pollutants (not matching the submitted OP-REQ3) were included and/or omitted because CEMS was chosen as the answer for CO/NO_x Monitoring System on the OP-UA5. Please review the attribute information on this form and/or provide reasons why specific citations should be included or omitted.
 - b. 40 CFR Part 63, Subpart DDDDD, HAPS – After a review of the flow charts and regulation texts , the additional citations included , or citations omitted in the ARS table for this unit were included and/or omitted because Table Applicability was answered with T3.1TS (the unit is designed to utilize a continuous oxygen trim system). This attribute choice is not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.1. Please also review the attribute information on this

form and/or provide reasons why specific citations should be included or omitted.

- 5. Form OP-MON – Unit ID B94P7SP808 – Index # R5132-01 – 30 TAC Chapter 115, Water Separation, VOC** – This unit requires additional periodic monitoring for VOC to ensure the compartments of the water separator are vapor tight. PM Options PM-V-049, PM-V-050, PM-V-051, or PM-V-001 would suffice for this monitoring.

Please let me know if you have any questions or need any clarification about any of these items. Thank you!

Sincerely,

Kyle J. Murray

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

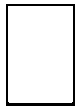
MC 163, P.O. Box 13087

Austin, TX 78711-3087

kyle.murray@tceq.texas.gov

Phone: (512) 239-1279

Fax: (512) 239-1400



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

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Tuesday, June 3, 2025 12:22 PM
To: Kyle Murray
Subject: RE: Working Draft Permit -- FOP O4689/Project 37211, The DOW Chemical Company, Polyethylene 7 Plant
Attachments: 2025-06-03_WDP_Response_O4689.pdf

Kyle,

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

Crystal Schmidt

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



Seek **Together**™



June 3, 2025

E-MAIL RESPONSE

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

The Dow Chemical Company, CN600356976
Polyethylene 7 Plant, RN100225945
Title V Operating Permit WDP Response for Polyethylene 7 Plant, O4689
TCEQ Project Number: 37211

Dear Mr. Murray,

The Dow Chemical Company (Dow) is providing a response to the Notice of Deficiency (NOD) and providing comments on the Working Draft Permit (WDP) provided on May 16, 2025. Dow is also requesting several revisions. Please see Form OP-2 for more information.

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

Sincerely,

Crystal Schmidt

Crystal Schmidt
Air Permit Manager

enclosure

cc:

US EPA Region 6
TCEQ Air Section Manager, Region 12
Brazoria County Health Department

R6AirPermitsTX@epa.gov
R12apdmail@tceq.texas.gov
jodie@brazoria-county.com

Additional Information Request

<p>Item 1</p>	<p>Unit B94P7SP808 on Form OP-UA14 for MACT FFFF - Based on the answers chosen on the table, it is unclear whether this oil-water separator is handling a process wastewater stream (complying with requirements in 63.132-63.148, as modified by 63.2485) or a liquid stream in an open system within an MCPU (complying with requirements in 63.149 as modified by 63.2485). Answers pertaining to both situations were selected. Here are the corrections for each of those situations. I have also included two additional possibilities if neither of those situations is accurate. Please provide an updated Form OP-UA14 for MACT FFFF for this unit based on the correct situation. The requirements for this unit will be added upon review of your comments.</p> <ul style="list-style-type: none"> a. If “Yes” to “Process Wastewater” was correct (and wastewater stream is determined or designated as Group 1): <ul style="list-style-type: none"> i. “Meets 40 CFR 63.149(d)” cannot be “Yes” and should be left blank. (“Yes” would indicate this is a liquid stream in an open system with an MCPU [that is, the stream is not wastewater since it has not been discarded from the process].) ii. “Unit Category” should be “O/WSEP” instead of “TBLE35”. iii. “Control Requirement” should be “COVER” instead of “CVS”. iv. “Combination of Control Devices” will need an answer. v. “Alt 63G Mon Parameters” will need an answer. b. If “Yes” to “Process Wastewater was not correct (since the unit handles a liquid stream in an open system with an MCPU): <ul style="list-style-type: none"> i. Change “Process Wastewater” to “No”. ii. “Combination of Control Devices” will need an answer. (Navigation instruction on UA form has an error – it should also ask “CVS” units to answer this question.) iii. “Alt 63G Mon Parameters” will need an answer. c. If the separator handles maintenance wastewater: <ul style="list-style-type: none"> i. Change “Process Wastewater” to “No”. ii. Change “Meets 40 CFR 63.149(d)” to “No”. iii. Remove remaining answers from this form. Maintenance wastewater requirements will all be addressed in the sitewide requirements in the Special Terms and Conditions section of the permit. No unit-specific requirements for B94P7SP808 would appear. d. If the separator does handle process wastewater, but the wastewater stream is Group 2, then this unit attribute form should be left blank. (Once “Process Wastewater” is answered “Yes”, that will lead to Group 1 requirements. The form doesn’t address Group 2. This is not entirely clear in the form instructions so that may be something we improve in the future.) Group 2 wastewater requirements will all be addressed in the sitewide requirements in the Special Terms and Conditions section of the permit. No unit-specific requirements for B94P7SP808 would appear. <p>This should address all possibilities, but please feel free to explain your situation or provide additional questions if needed.</p>
<p>Item 1 Response</p>	<p>Please see the attached Form OP-UA14/Table 11a for more information.</p>

Additional Information Request (cont.)

Item 2	<p>Permit Shields for 30 TAC Chapter 115, Loading and Unloading of VOC – The OP-REQ2 entries for Unit IDs B94P7UL3, B94P7UL4, B94P7UL7, B94P7UL8, and B94P7UL9 will need to be reviewed under the following situation. The permit shields have tentatively been included in the permit.</p> <p style="margin-left: 40px;">a. If transfer operations truly do not contain VOCs, then the associated units should not be listed on the OP-UA4. This form should be left blank for any units having the negative applicability reason “Transfer operation does not contain VOCs” on the OP-REQ2 since listing VOC1 as the answer for Product Transferred on Table 1a of the OP-UA4 is contradictory. Please verify and update the OP-UA4.</p>
Item 2 Response	<p>Please see the attached Form OP-UA4 and Form OP-REQ2 for more information.</p>
Item 3	<p>I also have a few notes regarding your request for MACT FFFF Low-Level Applicability for Unit IDs B94P7FU1 and B94P7FU2.</p> <ul style="list-style-type: none">• Citation [G]63.171 was not included because it does not apply. These leak repair requirements were referenced by §63.165, but that section is being replaced by the MACT FFFF requirements, and MACT FFFF does not include a delay of repair provision for these pressure relief devices in gas/vapor service.• Citation [G]63.2480(e)(2) was not included because you are already requesting to only include individual subparagraphs of this citation, as shown in standards and monitoring/testing citations requested. Therefore, we would not also include the grouped citation.• The formatting has been adjusted for Table 11.1, Table 11.2, and Table 11.3 under reporting. We always associate table portions with a citation that references it. Therefore, these have been added as 63.2520(a)-Table 11.1, 63.2520(a)-Table 11.2, and 63.2520(a)-Table 11.3.
Item 3 Response	<p>Dow accepts these three changes.</p>

Working Draft Permit Comments

Special Terms and Conditions (ST&C)

1. Please add the ST&C for HRVOC requirements. Please see the attached Form OP-REQ1 (Page 12 only) for more information.
2. Please add the ST&C for Additional Monitoring Requirements. Please see the attached Form OP-REQ1 (Page 83 only) for more information.

Unit Summary

1. B94P7SP808: Please add 40 CFR Part 63, Subpart FFFF applicability to this unit. Form OP-UA14/Table 11 was included in the application received by TCEQ on September 27, 2024.
2. B94P7F1: Please remove the 30 TAC Chapter 115, HRVOC Vent Gas applicability for EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS from this unit. This applicability is already represented for the Unit Type of FLARE in the row above it. Please see the attached Form OP-UA15/Table 12 for more information.

Applicable Requirements Summary (ARS)

1. B94P7SP808: Please add 40 CFR Part 63, Subpart FFFF applicability to this unit. Form OP-UA14/Table 11 was included in the application received by TCEQ on September 27, 2024.
2. B94P7F1: Please remove the 30 TAC Chapter 115, HRVOC Vent Gas applicability for EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS from this unit. This applicability is already represented for the Unit Type of FLARE in the row above it. Please see the attached Form OP-UA15/Table 12 for more information.
3. B94P7FU1; B94P7FU2: Please update the 40 CFR Part 63, Subpart FFFF Textual Description. It currently states, “63.2480(a)-Table 6.1.a.ii”
4. B94P7H510: Please update the 30 TAC Chapter 117, Subchapter B citations for this unit. They don’t seem to match what is in the current flowchart based on our unit attribute information.
5. B94P7H510: Please update the 40 CFR Part 63, Subpart DDDDD citations for this unit. They don’t seem to match what is in the current flowchart based on our unit attribute information.

Additional Monitoring Requirements

1. B94P7H510: Why is Periodic Monitoring necessary for this unit? Dow believes the monitoring in the rule text is sufficient since the control device type is a direct flame incinerator.

New Source Review Authorization References by Emission Unit

1. B94P7PV211: Please update the Emission Unit Name/Description from “D-7211 LOOP PUMP SEAL DRIAN DRUM” to “D-7211 LOOP PUMP SEAL DRAIN DRUM”. Please see the attached Form OP-SUMR for more information.
2. B94P7PV7511B: Please update the Emission Unit Name/Description from “NW-7511A NET WEIGHER SOCK FILTERS” to “NW-7511B NET WEIGHER SOCK FILTERS”. Please see the attached Form OP-SUMR for more information.

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

Date: June 3, 2025
Permit No.: O4689
Regulated Entity No.: RN100225945
Company Name: The Dow Chemical Company

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

Revision No.	Revision Code	New Unit	Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.	Applicable Form		
1	SIG-E	NO	B94P7H510	OP-UA6 OP-REQ2	N/A	Please remove 40 CFR Part 60, Subpart Dc positive applicability from this unit. Please add 40 CFR Part 60, Subpart Dc negative applicability to this unit.
2	MS-C	NO	B94P7FU1 B94P7FU2	OP-UA12	N/A	Please add 40 CFR Part 60, Subpart VVa positive applicability to these fugitive IDs.

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

Date	Permit No.	Regulated Entity No.
June 3, 2025	O4689	RN100225945

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
	2	B94P7FU1	OP-UA1 OP-UA12	PROCESS AREA FUGITIVES		153106	N268
	2	B94P7FU2	OP-UA1 OP-UA12	COMMON AREA FUGITIVES		153106	N268
	1	B94P7H510	OP-UA5 OP-UA6 OP-UA15	F-7510 FURNACE		153106	N268
		B94P7PV211	OP-REQ2	D-7211 LOOP PUMP SEAL DRAIN DRUM <i>D-7211 LOOP PUMP SEAL DRAIN DRUM</i>		153106	N268
		B94P7PV7511B	OP-UA15	NW-7511A NET WEIGHER SOCK FILTERS <i>NW-7511B NET WEIGHER SOCK FILTERS</i>		153106	N268

**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.
June 3, 2025	O4689	RN100225945

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
B94P7UL3	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5-		
B94P7UL4	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5-		
B94P7UL7	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5-		
B94P7UL8	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5-		
B94P7UL9	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5-		

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.
June 3, 2025	O4689	RN100225945

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
B94P7H510	60De-01	05+	10-100	NONE	75-100	NG	OTHER		OTHER	OTHER	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.
June 3, 2025	O4689	RN100225945

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
B94P7H510	60De-01	NONE	NONE	NONE	NONE		

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 145)
Federal Operating Permit Program**

**Table 17a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction,
Reconstruction, or Modification Commenced After November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
June 3, 2025	O4689	RN100225945

Unit ID No.	SOP Index No.	Produces Chemicals	Affected Facility	Construction/Modification Date	Compliance Option	Design Capacity	Facility Type
<i>B94P7FU1</i>	<i>60VVa-ALL</i>						
<i>B94P7FU2</i>	<i>60VVa-ALL</i>						

**Water Separator Attributes
Form OP-UA14 (Page 27)
Federal Operating Permit Program**

**Table 11a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
June 3, 2025	O4689	RN100225945

Unit ID No.	SOP Index No.	Process Wastewater	Meets 40 CFR § 63.149(d)	Unit Category	Control Requirement	EEL ID No	Floating Roof Alternate Monitoring Parameters	Floating Roof AMP ID No.
B94P7SP808	63FFFF-01	YES	YES <i>NO</i>	TBLE35	CVS			

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

Table 12a: Title 30 Texas 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.
June 3, 2025	O4689	RN100225945

Emission Point ID No.	SOP Index No.	HRVOC Concentration	Max Flow Rate	Exempt Date	Vent Gas Stream Control
B94P7F1	R5720-01	NO	NO		FLARE

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

Date	Permit No.	Regulated Entity No.
June 3, 2025	O4689	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
N. Vent Gas Control (Highly Reactive Volatile Organic Compounds (HRVOC))		
1.	The application area includes one or more vent gas streams containing HRVOC.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
2.	The application area includes one or more flares that emit or have the potential to emit HRVOC. <i>If the responses to Questions III.N.1 and III.N.2 are both "No" or "N/A," go to Section III.O. If the response to Question III.N.1 is "Yes," continue with Question III.N.3.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
3.	All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4.	All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times. <i>If the responses to Questions III.N.3 and III.N.4 are both "Yes," go to Section III.O.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5.	The application area contains pressure relief valves that are not controlled by a flare.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The application area has at least one vent stream which has no potential to emit HRVOC.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
O. Cooling Tower Heat Exchange Systems (HRVOC)		
1.	The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A

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

Date	Permit No.	Regulated Entity No.
June 3, 2025	O4689	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Date	Permit No.	Regulated Entity No.
June 3, 2025	O4689	RN100225945

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	1	<i>B94P7H510</i>	<i>OP-UA5 OP-UA15</i>	<i>40 CFR Part 60, Subpart Dc</i>	<i>60.40c(a)</i>	<i>Not a steam generating unit</i>
		B94P7UL3	OP-UA4	30 TAC Chapter 115, Loading and Unloading of VOCs	115.212(a)	Transfer operation does not contain VOCs

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

Date: June 3, 2025	Regulated Entity No.: RN100225945	Permit No.: O4689
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7 Plant	

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)
2	<i>B94P7FU1</i>	<i>OP-UA12</i>	<i>60VVa-01</i>	<i>VOC</i>	<i>40 CFR Part 60, Subpart VVa</i>	<i>ALL</i>
2	<i>B94P7FU2</i>	<i>OP-UA12</i>	<i>60VVa-01</i>	<i>VOC</i>	<i>40 CFR Part 60, Subpart VVa</i>	<i>ALL</i>
1	B94P7H510	OP-UA6	60De-01	PM	40 CFR Part 60, Subpart De	60.40e(a)
1	B94P7H510	OP-UA6	60De-01	PM (Opacity)	40 CFR Part 60, Subpart De	60.40e(a)
1	B94P7H510	OP-UA6	60De-01	SO ₂	40 CFR Part 60, Subpart De	60.40e(a)
	B94P7F1	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC Vent Gas	115.727(f), 115.725(n)

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

Date: June 3, 2025	Regulated Entity No.: RN100225945	Permit No.: O4689
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7 Plant	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
2	<i>B94P7FU1</i>	<i>60VVa-01</i>	<i>VOC</i>	<i>ALL</i>	<i>ALL</i>	<i>ALL</i>
2	<i>B94P7FU2</i>	<i>60VVa-01</i>	<i>VOC</i>	<i>ALL</i>	<i>ALL</i>	<i>ALL</i>
1	B94P7H510	60De-01	PM	NONE	60.48c(g)(1)-(3), (i)	[G]60.48e(a)
1	B94P7H510	60De-01	PM (Opacity)	NONE	60.48c(g)(1)-(3), (i)	[G]60.48e(a)
1	B94P7H510	60De-01	SO ₂	NONE	60.48c(g)(1)-(3), (i)	[G]60.48e(a)
	B94P7F1	R5720-01	HRVOC	NONE	115.726(i), (j)(1)-(2)	115.725(n)

From: Kyle Murray <Kyle.Murray@tceq.texas.gov>

Sent: Friday, May 16, 2025 4:17 PM

To: Schmidt, Crystal (C) <cschmidt6@dow.com>

Subject: Working Draft Permit -- FOP O4689/Project 37211, The DOW Chemical Company, Polyethylene 7 Plant

Good afternoon Mrs. Schmidt,

I have conducted a technical review of the renewal application for The DOW Chemical Company, Polyethylene 7 Plant. An electronic copy of the Working Draft Permit (WDP) is attached for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided.

Please review the WDP and submit to me any comments you may have on the working draft permit by **Friday, June 6th**. In addition, there are two additional items that require attention that I have listed below. Please address them in your comments regarding the WDP.

1. **Unit B94P7SP808 on Form OP-UA14 for MACT FFFF** - Based on the answers chosen on the table, it is unclear whether this oil-water separator is handling a process wastewater stream (complying with requirements in 63.132-63.148, as modified by 63.2485) or a liquid stream in an open system within an MCPU (complying with requirements in 63.149 as modified by 63.2485). Answers pertaining to both situations were selected. Here are the corrections for each of those situations. I have also included two additional possibilities if neither of those situations is accurate. Please provide an updated Form OP-UA14 for MACT FFFF for this unit based on the correct situation. The requirements for this unit will be added upon review of your comments.
 - a. If "Yes" to "Process Wastewater" was correct (and wastewater stream is determined or designated as Group 1):
 - i. "Meets 40 CFR 63.149(d)" cannot be "Yes" and should be left blank. ("Yes" would indicate this is a liquid stream in an open system with an MCPU [that is, the stream is not wastewater since it has not been discarded from the process].)
 - ii. "Unit Category" should be "O/WSEP" instead of "TBLE35".
 - iii. "Control Requirement" should be "COVER" instead of "CVS".
 - iv. "Combination of Control Devices" will need an answer.
 - v. "Alt 63G Mon Parameters" will need an answer.
 - b. If "Yes" to "Process Wastewater" was not correct (since the unit handles a liquid stream in an open system with an MCPU):
 - i. Change "Process Wastewater" to "No".
 - ii. "Combination of Control Devices" will need an answer. (Navigation instruction on UA form has an error – it should also ask "CVS" units to answer this question.)
 - iii. "Alt 63G Mon Parameters" will need an answer.
 - c. If the separator handles maintenance wastewater:
 - i. Change "Process Wastewater" to "No".
 - ii. Change "Meets 40 CFR 63.149(d)" to "No".
 - iii. Remove remaining answers from this form. Maintenance wastewater requirements will all be addressed in the sitewide requirements in the Special Terms and Conditions section of the permit. No unit-specific requirements for B94P7SP808 would appear.

d. If the separator does handle process wastewater, but the wastewater stream is Group 2, then this unit attribute form should be left blank. (Once “Process Wastewater” is answered “Yes”, that will lead to Group 1 requirements. The form doesn’t address Group 2. This is not entirely clear in the form instructions so that may be something we improve in the future.) Group 2 wastewater requirements will all be addressed in the sitewide requirements in the Special Terms and Conditions section of the permit. No unit-specific requirements for B94P7SP808 would appear.

This should address all possibilities, but please feel free to explain your situation or provide additional questions if needed.

2. Permit Shields for 30 TAC Chapter 115, Loading and Unloading of VOC – The OP-REQ2 entries for Unit IDs B94P7UL3, B94P7UL4, B94P7UL7, B94P7UL8, and B94P7UL9 will need to be reviewed under the following situation. The permit shields have tentatively been included in the permit.

- a. If transfer operations truly do not contain VOCs, then the associated units should not be listed on the OP-UA4. This form should be left blank for any units having the negative applicability reason “Transfer operation does not contain VOCs” on the OP-REQ2 since listing VOC1 as the answer for Product Transferred on Table 1a of the OP-UA4 is contradictory. Please verify and update the OP-UA4.

I also have a few notes regarding your request for MACT FFFF Low-Level Applicability for Unit IDs **B94P7FU1** and **B94P7FU2**.

- Citation [G]63.171 was not included because it does not apply. These leak repair requirements were referenced by §63.165, but that section is being replaced by the MACT FFFF requirements, and MACT FFFF does not include a delay of repair provision for these pressure relief devices in gas/vapor service.
- Citation [G]63.2480(e)(2) was not included because you are already requesting to only include individual subparagraphs of this citation, as shown in standards and monitoring/testing citations requested. Therefore, we would not also include the grouped citation.
- The formatting has been adjusted for Table 11.1, Table 11.2, and Table 11.3 under reporting. We always associate table portions with a citation that references it. Therefore, these have been added as 63.2520(a)-Table 11.1, 63.2520(a)-Table 11.2, and 63.2520(a)-Table 11.3.

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

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

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

Please notify me when these updates have been submitted.

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

Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

Kyle J. Murray

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

MC 163, P.O. Box 13087

Austin, TX 78711-3087

kyle.murray@tceq.texas.gov

Phone: (512) 239-1279

Fax: (512) 239-1400



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

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Monday, April 28, 2025 1:18 PM
To: Kyle Murray
Subject: FOP O4689/Project 37211, The Dow Chemical Company, Dow Texas Operations - Freeport, Polyethylene 7 (Poly 7) Plant - Application Update
Attachments: 2025-04-28_Application_Update_O4689.pdf

Follow Up Flag: Follow up
Flag Status: Completed

Kyle,

Please see our Application Update for Title V Permit O4689 and let me know if you have any questions. Thanks!

Crystal Schmidt

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



General Business



April 28, 2025

E-MAIL RESPONSE

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

The Dow Chemical Company, CN600356976
Polyethylene 7 Plant, RN100225945
Title V Operating Permit Application Update for Polyethylene 7 Plant, O4689
TCEQ Project Number: 37218

Dear Mr. Murray,

The Dow Chemical Company is submitting an application update for the Polyethylene 7 Plant Title V Permit Renewal application that was received by TCEQ on September 27, 2024 (Project #37211).

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

Sincerely,

Crystal Schmidt

Crystal Schmidt
Air Permit Manager

enclosure

cc:

US EPA Region 6
TCEQ Air Section Manager, Region 12
Brazoria County Environmental Health Director

R6AirPermitsTX@epa.gov
R12apdmail@tceq.texas.gov
jodie@brazoria-county.com

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

Date: April 28, 2025
Permit No.: O4689
Regulated Entity No.: RN100225945
Company Name: The Dow Chemical Company

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

Revision No.	Revision Code	New Unit	Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.	Applicable Form		
1	MS-C	NO	B94P7CT1	OP-REQ1 (Page 79)	N/A	Please incorporate AMOC #245 into this Title V Permit. This AMOC has been included in this application. Please update the Form OP-REQ1 (questions XI.D.1-4 on Page 79)
2	MS-C	NO	B94P7CT1	OP-UA13	N/A	Please update the “Approved Monitoring ID No.” for this cooling tower on Form OP-UA13/Table 3a. The AMOC has now been approved for this cooling tower.

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

Date	Permit No.	Regulated Entity No.
April 28, 2025	O4689	RN100225945

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	B94P7CT1	OP-UA13	COOLING TOWER		153106	N268

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.
April 28, 2025	O4689	RN100225945

Unit ID No.	SOP Index No.	Cooling Tower Heat Exchange Systems Exemptions	Alternative Monitoring	Modified Monitoring	Approved Monitoring ID No.
B94P7CT1	R5760-01	NONE	NO	YES	<i>02/19/2025</i> Application submitted 08/13/2024 — AMOC #245

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.
April 28, 2025	O4689	RN100225945

Unit ID No.	SOP Index No.	Jacketed Reactor	Design Capacity	Finite Volume System	Flow Monitoring/ Testing Method	Total Strippable VOC	On-Line Monitor
B94P7CT1	R5760-01	NO	8000+	NO	TDH	NO	YES

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.
April 28, 2025	O4689	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

XI. Miscellaneous (continued)	
B. Forms	
◆ 1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <i>If the response to Question XI.B.1 is "No" or "N/A," go to Section XI.C.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
◆ 2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.	
40 CFR Part 63, Subpart GGGGG	
C. Emission Limitation Certifications	
◆ 1. The application area includes units for which federally enforceable emission limitations have been established by certification.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements	
1. The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. <i>If the response to Question XI.D.3 is "Yes," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. <i>If the response to Question XI.D.4 is "Yes," please include a copy of the approval document with the application.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

February 19, 2025

MR DANISH KHAN
EH&S REGIONAL DELIVERY MANAGER
THE DOW CHEMICAL COMPANY
2301 N BRAZOSPORT BLVD
FREEPORT TX 77541-3203

Re: Alternative Method of Compliance (AMOC) No. 245
Polyethylene 7 - Cooling Tower Heat Exchange System
Alternative Monitoring HRVOC §115 Regulations
Regulated Entity Number: RN100225945
Customer Reference Number: CN600356976
Associated Permit Numbers: 153106, N268, and O3905

Dear Mr. Khan:

This correspondence is in response to The Dow Chemical Company's (DOW's) August 21, 2024 request for alternative monitoring of the Cooling Tower Heat Exchange System (CT) in the Polyethylene 7 Unit and use an AMOC to comply with 30 TAC 115, Subchapter H HRVOCs, Division 2 Cooling Tower Heat Exchange Systems (HRVOC rules).

The HRVOC rules (§ 115.764(a)(2)) require leakless operation of the CT (EPN B94CT1), specifically monitored by the "Modified El Paso Method" (TCEQ Appendix-P Stripper Method). We understand that Dow has requested to use an alternative monitoring system, the "Siemens Applied Automation (SAA) Sparger". Dow presented a side-by-side evaluation of the two systems following the Method 301 data validation process and presented a robust analysis. The results demonstrated that the SAA Sparger is more sensitive under base (minimum) water loads than the Modified El Paso Method and has equally low detection capabilities to identify leaks. Like the Modified El Paso Method, the SAA Sparging system analyzes for multiple constituents, ensuring that varying concentrations of VOC compounds to allow leaks to continue undetected and making the system very reliable. Overall, the report demonstrated that the SAA Sparger is equivalent for HRVOC CT compliance purposes and early identification of potential leaks.

We also understand that the heat exchanger/cooling tower system (EPN B94CT1) is also applicable to 40 CFR 63 Subpart FFFF, National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing (MON). These federal regulations require monitoring using the Modified El Paso Method (§ 63.2490(d)(1)(iii)(A)). Dow has represented the required monitoring under the MON will occur in addition to the requirements of the HRVOC rules discussed in this correspondence.

The Texas Commission on Environmental Quality (TCEQ) Executive Director has made a final decision to approve your AMOC request. By copy of this letter we are informing the Environmental Protection Agency, Region 6, of this decision as required by TCEQ's delegation of authority.

This AMOC approval may supersede certain requirements or representations in Permit Nos. 153106 and N268. To ensure effective and consistent enforceability, we request that DOW incorporate this AMOC into the permits through submittal of an Alteration no later than 90 days after this approval.

This approval may also change applicable requirements for the site, which are identified in the site operating permit (SOP) O4689. The TCEQ recommends the submittal of a SOP administrative revision if any changes are necessary. Changes meeting the criteria for an administrative revision can be operated

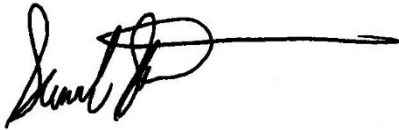
February 19, 2025
Page 2
MR DANISH KHAN

Re: Permit Numbers: 153106, N268, and O3905

before issuance of the revision if a complete application is submitted to the TCEQ and this information is maintained with the SOP records at the site.

If you need further information or have any questions, please contact Ms. Anne Inman, P.E. at (512) 239-1276 or write to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division, MC-163, P.O. Box 13087, Austin, Texas 78711-3087.

Sincerely,

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

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

cc: Director, Environmental Health, Brazoria County Health Department, Angleton
Air Section Manager, Region 12 - Houston
Jesse E. Chacon, P.E., Manager, Operating Permits Section, Air Permits Division, OA: MC-163
Becky Tsuchiya, Manager, Chemical New Source Review Permits Section, Air Permits Division,
OA: MC-163
Air Permits Section Chief, New Source Review Section (6PD-R), U.S. Environmental Protection
Agency, Region 6, Dallas

Project Number: 378753

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Wednesday, March 12, 2025 3:20 PM
To: Kyle Murray
Subject: RE: Technical Review -- FOP O4689/Project 37211, The Dow Chemical Company, Dow Texas Operations - Freeport, Polyethylene 7 (Poly 7) Plant 2025-03-12_NOD_Response_O4689.pdf
Attachments:
Follow Up Flag: Follow up
Flag Status: Flagged

Kyle,

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

Crystal Schmidt

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





March 12, 2025

E-MAIL RESPONSE

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

The Dow Chemical Company, CN600356976
Polyethylene 7 Plant, RN100225945
Title V Operating Permit NOD Response for Polyethylene 7 Plant, O4689
TCEQ Project Number: 37211

Dear Mr. Murray,

The Dow Chemical Company (Dow) is providing a response to the Notice of Deficiency (NOD) items provided on February 28, 2025.

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

Sincerely,

Crystal Schmidt

Crystal Schmidt
Air Permit Manager

enclosure

cc:

US EPA Region 6
TCEQ Air Section Manager, Region 12
Brazoria County Health Department

R6AirPermitsTX@epa.gov
R12apdmail@tceq.texas.gov
jodie@brazoria-county.com

Additional Information Request

Item 1	Unit ID B94P7PV443 – <i>B-7443 FROM FL-7443 TO SCARP BOX MASTERBATCH RECEIVING VENT FILTER</i> – This Unit Name/Description listed on the Form OP-SUM has too many characters for it to fit in our database. I have shortened it to “MASTERBATCH RECEIVING VENT FILTER”. Please provide a shorter Unit Name/Description on an updated Form OP-SUM or let me know if this change is acceptable.
Item 1 Response	Please see the attached Form OP-SUM for more information.
Item 2	Form OP-REQ2/OP-SUM – The following Unit IDs were listed on the OP-SUM with the OP-REQ2 listed as the applicable form but were not included on the OP-REQ2 in the application. <ol style="list-style-type: none"> 1. B94P7D511: Please add this unit to the OP-REQ2. 2. B94P7D512: Please add this unit to the OP-REQ2. 3. B94P7ST711: Please add this unit to the OP-REQ2. 4. B94P7ST712: Please add this unit to the OP-REQ2. 5. B94P7UL2, B94P7UL3, B94P7UL3: For these units, please update the applicable form on the OP-SUM to “OP-UA4”. The OP-REQ2 information will still be incorporated into the permit.
Item 2 Response	B94P7UL2; B94P7UL3; and B94P7UL4: Please see the attached Form OP-SUM for more information. B94P7D511: Please see the attached Form OP-REQ2 for more information. B94P7D512; B94P7ST711; and B94P7ST712: Dow is requesting to remove these units from the Title V Permit. Please see the attached Form OP-2 for more information.
Item 3	Form OP-REQ2 – Please update the “Negative Applicability Citation”, 115.10(46), to <u>115.10(47)</u> (30 TAC Chapter 115, Loading & Unloading of VOCs) for all units requesting negative applicability for that rule. §115.10(47) is the rule text referencing the definition of a transport vessel.
Item 3 Response	Please see the attached Form OP-REQ2 for more information.
Item 4	OP-UA7 – Unit ID B94P7F1, Index No. R5720-01 – Table 5a for 30 TAC Chapter 115 HRVOC – Vent Gas Control was correctly filled out. However, an answer is still needed on Table 5b for Tank Service. Please provide an updated form with your response.
Item 4 Response	Please see the attached Form OP-UA7/Table 5b for more information.
Item 5	Form OP-MON – Several units in your application require additional monitoring described below: <ol style="list-style-type: none"> 1. <u>30 TAC Chapter 111, Visible Emissions, for periodic monitoring (PM) – Opacity</u> – Unit IDs (Index Number R1111-01) B94P7H510, B94P7PV410, B94P7PV443, B94P7PV7511A, B94P7PV7511B, B94P7PV990A, B94P7PV990B, B94P7PV991A, B94P7PV991B, B94P7PV992A, B94P7PV992B, B94P7PV993A, B94P7PV993B (13 total units for this regulation) 2. <u>40 CFR Part 60, Subpart Kb, for PM or Compliance Assurance Monitoring (CAM) – VOC</u> – Unit IDs (Index Number 60Kb-01) B94P7ST809 and B94P7ST816
Item 5 Response	B94P7H510: Why is the monitoring in the rule not sufficient for this unit? Dow chose the option of “DIRFLM” for the Control Device Type on Form OP-UA15/Table 2b. B94P7PV410; B94P7PV443; B94P7PV7511A; B94P7PV7511B; B94P7PV990A; B94P7PV990B; B94P7PV991A; B94P7PV991B; B94P7PV992A; B94P7PV992B; B94P7PV993A; and B94P7PV993B: Please see the attached Form OP-MON for more information. B94P7ST809 and B94P7ST816: Dow is requesting to remove 40 CFR Part 60, Subpart Kb applicability from these storage tanks. Please see the attached Form OP-2 for more information.

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

Date:	March 12, 2025					
Permit No.:	O4689					
Regulated Entity No.:	RN100225945					
Company Name:	The Dow Chemical Company					
I. Description of Revision						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
1	MS-C	NO	B94P7ST809 B94P7ST812 B94P7ST816	OP-UA3	N/A	Please remove 40 CFR Part 60, Subpart Kb applicability from these storage tanks. Dow is choosing to comply with 40 CFR Part 63, Subpart FFFF (MON) in lieu of 40 CFR Part 60, Subpart Kb. These units were included on Form OP-UA3/Table 21 in the initial application received by TCEQ on September 27, 2024.
2	MS-C	NO	B94P7D512 B94P7ST711 B94P7ST712	OP-SUMR	N/A	Please remove these units from the entire Title V Permit. These units are process tanks that vent to a flare (B94P7F1). Therefore, all requirements will be found downstream at the flare.

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

Date	Permit No.	Regulated Entity No.
March 12, 2025	O4689	RN100225945

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
B94P7D512	OP-REQ2	D-7512 2 nd STAGE DEVO PROCESS TANK		153106	N268	
B94P7PV443	OP-UA15	B-7443 FROM FL 7443 TO SCARP BOX MASTERBATCH RECEIVING VENT FILTER <i>MASTERBATCH RECEIVING VENT FILTER</i>		153106	N268	
B94P7ST711	OP-REQ2	D-7711 RECYCLE COMPRESSOR SUCTION PROCESS DRUM		153106	N268	
B94P7ST712	OP-REQ2	D-7712 RECYCLE COMPRESSOR 1 ST STAGE KO PROCESS TANK		153106	N268	
B94P7UL2	OP-REQ2 <i>OP-UA4</i>	D-7004 – 3DT394 UNLOADING RACK		153106	N268	
B94P7UL3	OP-REQ2 <i>OP-UA4</i>	D-7006 – 3DT198 UNLOADING RACK		153106	N268	
B94P7UL4	OP-REQ2 <i>OP-UA4</i>	D-7004 – BIO DETERGENT UNLOADING RACK		153106	N268	

**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)**

Date	Permit No.:	Regulated Entity No.
March 12, 2025	04689	RN100225945

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.
B94P7ST809	60Kb-01	VOL	40K+	NONE	0.75-11.1	CVS-FL				B94P7F1
B94P7ST812	60Kb-01	VOL	40K+	NONE	0.5-0.75	CVS-FL				B94P7F1
B94P7ST816	60Kb-01	VOL	40K+	NONE	0.75-11.1	CVS-FL				B94P7F1

**Texas Commission on Environmental Quality
Flare Attributes
Form OP-UA7 (Page 6)
Federal Operating Permit Program**

**Table 5b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H, Division 1: Highly-Reactive Volatile Organic Compounds-Vent Gas Control**

Date	Permit No.:	Regulated Entity No.
March 12, 2025	04689	RN100225945

Unit ID No.	SOP Index No.	Monitoring Requirements	§115.725(e) Requirements	Multi-Purpose Usage	Flow Rate	Physical Seal	Monitoring Option	§115.725(h)(4) Alternative	Tank Service
<i>B94P7F1</i>	<i>R5720-01</i>								<i>NO</i>

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

Date	Permit No.	Regulated Entity No.
March 12, 2025	O4689	RN100225945

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		<i>B94P7D511</i>	<i>OP-REQ2</i>	<i>30 TAC Chapter 115, Storage of VOCs</i>	<i>115.112(e)(1)</i>	<i>Does not store VOC</i>
A		<i>B94P7D511</i>	<i>OP-REQ2</i>	<i>40 CFR Part 60, Subpart Kb</i>	<i>60.110b(a)</i>	<i>Does not store VOL</i>
		B94P7LR4	OP-REQ2	30 TAC Chapter 115, Loading and Unloading of VOCs	115.10(47) 115.10(46)	Does not load oil, gasoline, or other VOL; therefore, does not meet the definition of a transport vessel
		B94P7UL11	OP-REQ2	30 TAC Chapter 115, Loading and Unloading of VOCs	115.10(47) 115.10(46)	Does not have a storage tank having a capacity > 1,000 gallons; therefore, it does not meet the definition of a transport vessel
		B94P7UL12	OP-REQ2	30 TAC Chapter 115, Loading and Unloading of VOCs	115.10(47) 115.10(46)	Does not have a storage tank having a capacity > 1,000 gallons; therefore, it does not meet the definition of a transport vessel
		B94P7UL13	OP-REQ2	30 TAC Chapter 115, Loading and Unloading of VOCs	115.10(47) 115.10(46)	Does not have a storage tank having a capacity > 1,000 gallons; therefore, it does not meet the definition of a transport vessel
		B94P7UL14	OP-REQ2	30 TAC Chapter 115, Loading and Unloading of VOCs	115.10(47) 115.10(46)	Does not have a storage tank having a capacity > 1,000 gallons; therefore, it does not meet the definition of a transport vessel
		B94P7UL15	OP-REQ2	30 TAC Chapter 115, Loading and Unloading of VOCs	115.10(47) 115.10(46)	Does not have a storage tank having a capacity > 1,000 gallons; therefore, it does not meet the definition of a transport vessel
		B94P7UL5	OP-REQ2	30 TAC Chapter 115, Loading and Unloading of VOCs	115.10(47) 115.10(46)	Does not have a storage tank having a capacity > 1,000 gallons; therefore, it does not meet the definition of a transport vessel

Monitoring Requirements
Form OP-MON (Page 1)
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: <i>BL-0082-R</i>	RN No.: <i>RN100225945</i>	CN: <i>CN600356976</i>
Permit No: <i>04689</i>	Project No.: <i>37211</i>	
Area Name: <i>Polyethylene 7 Plant</i>		
Company Name: <i>The Dow Chemical Company</i>		
II. Unit/Emission Point/Group/Process Information		
Revision No.: <i>N/A</i>		
Unit/EPN/Group/Process ID No.: <i>B94P7PV410; B94P7PV443; B94P7PV7511A; B94P7PV7511B; B94P7PV990A; B94P7PV990B; B94P7PV991A; B94P7PV991B; B94P7PV992A; B94P7PV992B; B94P7PV993A; B94P7PV993B</i>		
Applicable Form: <i>OP-UA15</i>		
III. Applicable Regulatory Requirement		
Name: <i>30 TAC Chapter 111, Visible Emissions</i>		
SOP/GOP Index No.: <i>R1111-01</i>		
Pollutant: <i>PM (Opacity)</i>		
Main Standard: <i>111.111(a)(1)(B)</i>		
IV. Title V Monitoring Information		
Monitoring Type: <i>PM</i>		
Unit Size:		
CAM/PM Option No.: <i>PM-P-001</i>		
Deviation Limit: <i>If visible emissions are observed, the permit holder shall report a deviation.</i>		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: <i>N/A</i>		
Device Type: <i>N/A</i>		

From: Kyle Murray <Kyle.Murray@tceq.texas.gov>

Sent: Friday, February 28, 2025 4:54 PM

To: Schmidt, Crystal (C) <cschmidt6@dow.com>

Subject: RE: Technical Review -- FOP 04689/Project 37211, The Dow Chemical Company, Dow Texas Operations - Freeport, Polyethylene 7 (Poly 7) Plant

Good afternoon Mrs. Schmidt,

Upon evaluation of your Federal Operating Permit application, we have determined that there are a few discrepancies that need to be addressed to complete our review. Please provide a response for the following items by **Friday, March 14th**.

1. **Unit ID B94P7PV443 – B-7443 FROM FL-7443 TO SCARP BOX MASTERBATCH RECEIVING VENT FILTER** – This Unit Name/Description listed on the Form OP-SUM has too many characters for it to fit in our database. I have shortened it to “MASTERBATCH RECEIVING VENT FILTER”. Please provide a shorter Unit Name/Description on an updated Form OP-SUM or let me know if this change is acceptable.
2. **Form OP-REQ2/OP-SUM** – The following Unit IDs were listed on the OP-SUM with the OP-REQ2 listed as the applicable form but were not included on the OP-REQ2 in the application.
 1. **B94P7D511:** Please add this unit to the OP-REQ2.
 2. **B94P7D512:** Please add this unit to the OP-REQ2.
 3. **B94P7ST711:** Please add this unit to the OP-REQ2.
 4. **B94P7ST712:** Please add this unit to the OP-REQ2.
 5. **B94P7UL2, B94P7UL3, B94P7UL3:** For these units, please update the applicable form on the OP-SUM to “OP-UA4”. The OP-REQ2 information will still be incorporated into the permit.
3. **Form OP-REQ2** – Please update the “Negative Applicability Citation”, 115.10(46), to 115.10(47) (30 TAC Chapter 115, Loading & Unloading of VOCs) for all units requesting negative applicability for that rule. §115.10(47) is the rule text referencing the definition of a transport vessel.
4. **OP-UA7 – Unit ID B94P7F1, Index No. R5720-01** – Table 5a for 30 TAC Chapter 115 HRVOC – Vent Gas Control was correctly filled out. However, an answer is still needed on Table 5b for Tank Service. Please provide an updated form with your response.
5. **Form OP-MON** – Several units in your application require additional monitoring described below:
 1. 30 TAC Chapter 111, Visible Emissions, for periodic monitoring (PM) – Opacity – Unit IDs (Index Number R1111-01) B94P7H510, B94P7PV410, B94P7PV443, B94P7PV7511A, B94P7PV7511B, B94P7PV990A, B94P7PV990B, B94P7PV991A, B94P7PV991B, B94P7PV992A, B94P7PV992B, B94P7PV993A, B94P7PV993B (13 total units for this regulation)
 2. 40 CFR Part 60, Subpart Kb, for PM or Compliance Assurance Monitoring (CAM) – VOC – Unit IDs (Index Number 60Kb-01) B94P7ST809 and

Please let me know if you have any comments or questions. Have a great weekend!

Sincerely,

Kyle J. Murray

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

MC 163, P.O. Box 13087

Austin, TX 78711-3087

kyle.murray@tceq.texas.gov

Phone: (512) 239-1279

Fax: (512) 239-1400



How are we doing? Fill out our online customer

From: Kyle Murray

Sent: Wednesday, October 30, 2024 3:35 PM

To: Schmidt, Crystal (C) <cschmidt6@dow.com>

Subject: Technical Review -- FOP O4689/Project 37211, The Dow Chemical Company, Dow Texas Operations - Freeport, Polyethylene 7 (Poly 7) Plant

Good afternoon Mrs. Schmidt,

I have been assigned to the Federal Operating Permit (FOP) initial application of Permit No. O4689 for The Dow Chemical Company, Dow Texas Operations – Freeport, Polyethylene 7 (Poly 7) Plant. This application has been assigned Project No. 37211. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

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

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

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

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

Please notify me when these updates have been submitted.

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

Please review the “SOP Technical Review Fact Sheet” located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf. This guidance contains important information regarding the review process and application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

Kyle J. Murray

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

MC 163, P.O. Box 13087

Austin, TX 78711-3087

kyle.murray@tceq.texas.gov

Phone: (512) 239-1279

Fax: (512) 239-1400



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

Jon Niermann, *Chairman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

October 7, 2024

THE HONORABLE JOAN HUFFMAN
TEXAS SENATE
PO BOX 12068
AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Initial Issuance Application
Project Number: 37211
Permit Number: O4689
The Dow Chemical Company
Polyethylene 7 Plant
Freeport, Brazoria County
Regulated Entity Number: RN100225945
Customer Reference Number: CN600356976

Dear Senator Huffman:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) initial issuance 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=-95.421111,28.995&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 Joan Huffman
Page 2
October 7, 2024

Re: Accepted Federal Operating Permit Initial Issuance Application

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

Sincerely,

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

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

Jon Niermann, *Chairman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

October 7, 2024

THE HONORABLE ED THOMPSON
TEXAS HOUSE OF REPRESENTATIVES
PO BOX 2910
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Initial Issuance Application
Project Number: 37211
Permit Number: O4689
The Dow Chemical Company
Polyethylene 7 Plant
Freeport, Brazoria County
Regulated Entity Number: RN100225945
Customer Reference Number: CN600356976

Dear Representative Thompson:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) initial issuance 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=-95.421111,28.995&level=13>.

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

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

Sincerely,

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

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

Texas Commission on Environmental Quality

Title V New

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	DOW TEXAS OPERATIONS FREEPORT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	2301 N BRAZOSPORT BLVD
City	FREEPORT
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.#####)	28.9825
Longitude (W) (-###.#####)	-95.352777
Primary SIC Code	
Secondary SIC Code	
Primary NAICS Code	325181
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100225945
What is the name of the Regulated Entity (RE)?	DOW TEXAS OPERATIONS FREEPORT
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	2301 N BRAZOSPORT BLVD
City	FREEPORT
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.#####)	28.9825
Longitude (W) (-###.#####)	-95.352777
Facility NAICS Code	325181
What is the primary business of this entity?	INDUSTRIAL CHEMICAL MANUFACTURING PLANT

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN600356976
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	The Dow Chemical Company
Texas SOS Filing Number	1216206
Federal Tax ID	381285128
State Franchise Tax ID	13812851288
State Sales Tax ID	

Local Tax ID	
DUNS Number	84970516
Number of Employees	251-500
Independently Owned and Operated?	No

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	The Dow Chemical Company
Prefix	MS
First	Francine
Middle	Quinlan
Last	Falcon
Suffix	
Credentials	
Title	EH&S Regional Leveraged Delivery Director
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	332 SH 332 E
Routing (such as Mail Code, Dept., or Attn:)	LJ APB 2A1
City	Lake Jackson
State	TX
ZIP	77566
Phone (###-###-####)	9792389764
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	TXLES@dow.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Same as another contact?

Organization Name	The Dow Chemical Company
Prefix	MS
First	Francine
Middle	Quinlan
Last	Falcon
Suffix	
Credentials	
Title	EH&S Regional Leveraged Delivery Director
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	332 SH 332 E
Routing (such as Mail Code, Dept., or Attn:)	LJ APB 2A1

City	Lake Jackson
State	TX
Zip	77566
Phone (###-###-####)	9792389764
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	TXLES@dow.com

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name	The Dow Chemical Company
Prefix	MS
First	Crystal
Middle	
Last	Schmidt
Suffix	
Credentials	
Title	Air Permit Manager

Enter new address or copy one from list:

Mailing Address

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	332 SH 332 E
Routing (such as Mail Code, Dept., or Attn:)	
City	Lake Jackson
State	TX
ZIP	77566
Phone (###-###-####)	9792381742
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	cschmidt6@dow.com

Title V General Information - New

1) Permit Latitude Coordinate:	28 Deg 58 Min 57 Sec
2) Permit Longitude Coordinate:	95 Deg 21 Min 10 Sec
3) Is this submittal a new application or an update to an existing application?	New Application
3.1. What type of Federal Operating Permit are you applying for?	SOP
3.2. Is this submittal an abbreviated or a full application?	Full
3.3. Is this application for a portable facility?	No
3.4. Is the site a non-major source subject to the Federal Operating Permit Program?	No
3.5. Are there any permits that should be voided upon issuance of this permit application	No

through permit conversion?

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

No

4) Who will electronically sign this Title V application?

Duly Authorized Representative

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

No

Title V Attachments New

Attach OP-1 (Site Information Summary)

[File Properties]

File Name

OP-1.pdf

Hash

8400FD2E28D9FCDA1890B458FBC8D1BBD073D3385BAAB77B0AA91E290E0740FC

MIME-Type

application/pdf

Attach OP-ACPS (Application Compliance Plan and Schedule)

[File Properties]

File Name

OP-ACPS.pdf

Hash

8EA1CC7FEE26761BC05A7F15A6BA32520C8ED9C719B90058E6E6B3BEEB060162

MIME-Type

application/pdf

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

[File Properties]

File Name

OP-REQ1.pdf

Hash

7B62CE58B2D3B6241753FCA4CBE34C3DE916E84714FB51D4D9EFD046D86DF960

MIME-Type

application/pdf

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

[File Properties]

File Name

OP-REQ2.pdf

Hash

8D6C5610EB3B909D94591D87F221C6EF9B85FC354C8F20F5DCA9158649C9FD62

MIME-Type

application/pdf

Attach OP-REQ3 (Applicable Requirements Summary)

[File Properties]

File Name

OP-REQ3-rev1.pdf

Hash

B186B4AC745B80998F4454CCA64FA14613A8E028E4D1D13735033D64264C0A80

MIME-Type

application/pdf

Attach OP-PBR SUP (Permits by Rule Supplemental Table)

[File Properties]

File Name

OP_PBR SUP_Form OP-PBR SUP.pdf

Hash

9CEFEBCCEF9184AE538C6578477A46D5E396DE3F2C512472B19B0D3328C02CD0

MIME-Type	application/pdf
Attach OP-SUM (Individual Unit Summary)	
[File Properties]	
File Name	OP-SUM.pdf
Hash	C36AA720DCC476515061F5C6BBE6C50E72B016EAB796F4AAA7FC9DF1AD0E64FF
MIME-Type	application/pdf
Attach OP-MON (Monitoring Requirements)	
Attach OP-UA (Unit Attribute) Forms	
[File Properties]	
File Name	OP-UA_Upload.pdf
Hash	F06FB077C807F781AB970EFA3D5B3B3317480E8843C585858D9A175628E4906E
MIME-Type	application/pdf
Attach OP-CRO2 (Change of Responsible Official Information)	
[File Properties]	
File Name	OP-CRO2.pdf
Hash	CD347805ACFFD066E04CA4C6E485557DD20E205841E334F388096A371A4D79A1
MIME-Type	application/pdf
Attach OP-DEL (Delegation of Responsible Official)	
[File Properties]	
File Name	OP-DEL.pdf
Hash	DCB5A0DD8C601F8F69903D519574A83F65BE4D749286AF0E27C2B93CFB1FE584
MIME-Type	application/pdf
Attach any other necessary information needed to complete the permit.	
[File Properties]	
File Name	2024-9-16_Poly7_TitleV_Application.pdf
Hash	D2C351AB92EEF47D3AAA435B719D2486550EBCCBBF497C22E460EE4570F075E2
MIME-Type	application/pdf
An additional space to attach any other necessary information needed to complete the permit.	

Expedite Title V

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

Certification

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

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

OWNER OPERATOR Signature: Fran Q Falcon OWNER OPERATOR

Account Number:	ER028176
Signature IP Address:	170.85.99.27
Signature Date:	2024-09-27
Signature Hash:	4725663576DE3F41DE74D82CB21CFB9BFB69E4422881212DCE899ECE17426B81
Form Hash Code at time of Signature:	AC5954DB273519E97A3F8A3162E64B22568F26B3A683D1D60C05D1858A5F27F9

Submission

Reference Number:	The application reference number is 687235
Submitted by:	The application was submitted by ER028176/Fran Q Falcon
Submitted Timestamp:	The application was submitted on 2024-09-27 at 16:15:38 CDT
Submitted From:	The application was submitted from IP address 170.85.99.27
Confirmation Number:	The confirmation number is 567082
Steers Version:	The STEERS version is 6.82

Additional Information

Application Creator: This account was created by Muhammad Danish Khan



September 16, 2024

Submitted via STEERS

Mr. Johnny Bowers, Team Leader
Air Permits Initial Review Team (APIRT), **MC-161**
P.O. Box 13087
Austin, TX 78711-3087

The Dow Chemical Company CN600356976
Dow Texas Operations Freeport RN100225945
Initial Title V Permit Application
Polyethylene 7 (Poly 7) Plant

Dear Mr. Bowers:

In accordance with provisions of 30 TAC Chapter 122, Subchapter B, §122.130, Dow hereby submits the enclosed initial Title V permit application for Polyethylene 7 (Poly 7) Plant. Poly 7 plant construction is authorized via NSR Permit 153106 & N268 issued September 3, 2019 and amended on January 11, 2023. Tentative plant start of operations date is November 15, 2024.

Forms OP-1, OP-SUM, OP-CRO2, OP-DEL, OP-REQ1, OP-REQ2, OP-REQ3, OP-ACPS and OP-UAs are being submitted via STEERS with this submittal.

Should there be any questions regarding this submittal, Crystal Schmidt can be contacted at (979) 238-1742 or via e-mail at cshmidt6@dow.com.

Sincerely,

A handwritten signature in blue ink that reads "Danish Khan".

Danish Khan
EH&S Regional Delivery Manager

XC:	TCEQ Air Section Manager, Region 12	R12APDMAIL@tceq.texas.gov
	Environmental Health Director	Brazoria County Health Department, jodie@brazoria-county.com
	Environmental Protection Agency	Air Permits Section (6PD-R) R6airpermitsTX@epa.gov

Email

Betsy Farkas
Fran Falcon
Crystal Schmidt
Benjamin Craft

Table of Contents

Section 1 General Administrative FormsA-4

Form OP-1
Form OP-CRO2
Form OP-DEL
Form OP-SUM
Form OP-PBR Supplemental Table

Section 2 Unit Attribute FormsA-5

Form OP-UA3
Form OP-UA4
Form OP-UA5
Form OP-UA6
Form OP-UA7
Form OP-UA12
Form OP-UA13
Form OP-UA14
Form OP-UA15
Form OP-UA28
Form OP-UA60

Section 3 Applicability Identification FormsA-6

Form OP-REQ1
Form OP-REQ2
Form OP-REQ3

Section 4 Compliance Certification Forms.....A-7

Form OP-ACPS

Section 5 General Facility InformationA-8

Area Map
Process Flow diagram
Process Description

SECTION 1 – General Administrative Forms

This Section contains the following forms:

OP-1	Site Information Summary
OP-CR02	Change of Responsible Official Information
OP-DEL	Delegation of Responsible Official Information
OP-SUM	Individual Unit Summary
OP-PBRSUP	Permit by Rule Supplemental Table

**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: The Dow Chemical Company
B. Customer Reference Number (CN): CN600356976
C. Submittal Date (mm/dd/yyyy): September 16, 2024
II. Site Information
A. Site Name: Dow Texas Operations - Freeport
B. Regulated Entity Reference Number (RN): RN100225945
C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A
D. Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>
<input checked="" type="checkbox"/> VOC <input checked="" type="checkbox"/> NO _x <input checked="" type="checkbox"/> SO ₂ <input checked="" type="checkbox"/> PM ₁₀ <input checked="" type="checkbox"/> CO <input type="checkbox"/> Pb <input checked="" type="checkbox"/> HAPS
Other:
E. Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
F. Is the site within a local program area jurisdiction? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: N/A
III. Permit Type
A. Type of Permit Requested: <i>(Select only one response)</i>
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)

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

IV. Initial Application Information <i>(Complete for Initial Issuance Applications Only.)</i>
A. Is this submittal an abbreviated or a full application? <input type="checkbox"/> Abbreviated <input checked="" type="checkbox"/> Full
B. If this is a full application, is the submittal a follow-up to an abbreviated application? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
D. Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
E. Has the required Public Involvement Plan been included with this application? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
V. Confidential Information
A. Is confidential information submitted in conjunction with this application? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
VI. Responsible Official (RO) Identifying Information
RO Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
RO Full Name: John Sampson
RO Title: Senior Vice President
Employer Name: The Dow Chemical Company
Mailing Address: 2301 North Brazosport Blvd.
City: Freeport
State: TX
ZIP Code: 77541
Territory:
Country: USA
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 979-238-9877
Fax No.:
Email: TXLES@dow.com

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

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

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

IX. Off-Site Permit Request <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
A. Office/Facility Name:
B. Physical Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
C. Physical Location:
D. Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name:
E. Telephone No.:
X. Application Area Information
A. Area Name: Polyethylene 7 (Poly 7) Plant
B. Physical Address: 2301 North Brazosport Blvd.
City: Freeport
State: TX
ZIP Code: 77541
C. Physical Location: 2301 North Brazosport Blvd.
D. Nearest City: Freeport
E. State: TX
F. ZIP Code: 77541

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

X. Application Area Information <i>(continued)</i>
G. Latitude (nearest second): 28°59'42" N
H. Longitude (nearest second): 95°25'16" 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? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
J. Indicate the estimated number of emission units in the application area: 146
K. Are there any emission units in the application area subject to the Acid Rain Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
XI. Public Notice <i>(Complete this section for SOP Applications and Acid Rain Permit Applications only.)</i>
A. Name of a public place to view application and draft permit: Freeport Branch Library
B. Physical Address: 410 North Brazosport Blvd.
City: Freeport
ZIP Code: 77541
C. Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: (<input type="checkbox"/> Mr. <input checked="" type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
Contact Person Full Name: Crystal Schmidt
Contact Mailing Address: 332 SH 332 E
City: Lake Jackson
State: TX
ZIP Code: 77566
Territory:
Country: USA
Foreign Postal Code:
Internal Mail Code: (APB 2A)
Telephone No.: 979-238-1742

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

XII. Delinquent Fees and Penalties
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol."
Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.
XIII. Designated Representative (DR) Identifying Information
DR Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
DR Full Name:
DR Title:
Employer Name:
Mailing Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.:
Fax No.:
Email:

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

Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.
XIV. Alternate Designated Representative (ADR) Identifying Information
ADR Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
ADR Full Name:
ADR Title:
Employer Name:
Mailing Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.:
Fax No.:
Email:


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: RN100225945
CN: CN600356976
Account No.: BL-0082-R
Permit No.: TBD
Project No.: TBD
Area Name: Polyethylene 7 Plant
Company Name: The Dow Chemical Company
II. Certification Type <i>(Please mark appropriate box)</i>
<input type="checkbox"/> Responsible Official Representative <input checked="" type="checkbox"/> Duly Authorized Representative
III. Submittal Type <i>(Please mark appropriate box) (Only one response can be accepted per form)</i>
<input checked="" type="checkbox"/> SOP/TOP Initial Permit Application <input type="checkbox"/> Permit Revision, Renewal, or Reopening
<input type="checkbox"/> GOP Initial Permit Application <input type="checkbox"/> Update to Permit Application
<input type="checkbox"/> Other: _____

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

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

IV. Certification of Truth			
This certification does not extend to information which is designated by TCEQ as information for reference only.			
I, <u>Francine (Fran) Quinlan Falcon</u> certify that I am the <u>DAR</u>			
<i>(Certifier Name printed or typed)</i>		<i>(RO or DAR)</i>	
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:			
<i>Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i>			
Time Period: From _____ to _____			
<i>(Start Date)</i>		<i>(End Date)</i>	
Specific Dates: <u>09/16/2024</u> _____			
<i>(Date 1)</i>	<i>(Date 2)</i>	<i>(Date 3)</i>	<i>(Date 4)</i>
<i>(Date 5)</i>		<i>(Date 6)</i>	
Signature: <u></u>		Signature Date: <u>9-23-24</u>	Title: _____
Title: <u>EH&S Regional Leveraged Delivery Director</u>			

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 No.: BL-0082-R			
RN: RN100225945			
CN: CN600356976			
Permit No.: TBD			
Area Name: Polyethylene 7 Plant			
II. Change Type			
Action Type:		<input checked="" type="checkbox"/> New Appointment	<input type="checkbox"/> Administrative Information Change
Contact Type (only one response accepted per form):			
<input checked="" type="checkbox"/> Responsible Official		<input type="checkbox"/> Designated Representative	<input type="checkbox"/> Alternate Designated Representative
III. Responsible Official/Designated Representative/Alternate Designated Representative Information			
Conventional Title:		<input checked="" type="checkbox"/> Mr.	Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr. <input type="checkbox"/>
Title: Senior Vice President			
Name (on driver's license): John Sampson			
Appointment Effective Date: 09/16/2024			
Telephone No.: 979-238-9877			
Fax No.:			
Company Name: The Dow Chemical Company			
Mailing Address: 2301 N. Brazosport Blvd			
City: Freeport			
State: TX			
ZIP Code: 77541			
Email Address: TXLES@dow.com			

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

IV. Certification of Truth, Accuracy, and Completeness

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

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

Signature: _____

John M. Sampson

Signature Date: _____

9/16/2024

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

V. Additional Identifying Information
Account No.: BL-0082-R
RN: RN100225945
CN: CN600356976
Permit No.: TBD
Area Name: Polyethylene 7 Plant
Account No.:
RN:
CN:
Permit No.:
Area Name:
Account No.:
RN:
CN:
Permit No.:
Area Name:
Account No.:
RN:
CN:
Permit No.:
Area Name:
Account No.:
RN:
CN:
Permit No.:
Area Name:

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

I. Identifying Information
Account No.: BL-0082-R
RN: RN100225945
CN: CN600356976
Permit No.: TBD
Area Name: Polyethylene 7 Plant
Company Name: The Dow Chemical Company
II. Duly Authorized Representative Information
Action Type: <input checked="" type="checkbox"/> New DAR Identification <input type="checkbox"/> Administrative Information Change
Conventional Title: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Name (on driver's license): Francine (Fran) Quinlan Falcon
Title: EH&S Regional Leveraged Delivery Director
Delegation Effective Date: 09/16/2024
Telephone No.: 979-238-9978
Fax No.:
Company Name: The Dow Chemical Company
Mailing Address: 332 SH 332 E, APB 2A1
City: Lake Jackson
State: Texas
ZIP Code: 77566
Email Address: FQFalcon@dow.com

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

III. Certification of Truth, Accuracy, and Completeness

I, John Sampson, certify that, based on
(Name printed or typed: RO for New DAR Identification; RO or DAR for Administrative Information Change)

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: John M. Sampson Date: 9/16/2024
Duly Authorized Representative Signature: JD Falcon Date: 9/23/24

IV. Removal of Duly Authorized Representative(s)

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

(Name(s) printed or typed) Effective Date: _____

Responsible Official Signature: _____ Date: _____

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

V. Additional Identifying Information
Account No.: BL-0082-R
RN: RN100225945
CN: CN600356976
Permit No.: TBD
Area Name: Polyethylene 7
Account No.:
RN:
CN:
Permit No.:
Area Name:
Account No.:
RN:
CN:
Permit No.:
Area Name:
Account No.:
RN:
CN:
Permit No.:
Area Name:
Account No.:
RN:
CN:
Permit No.:
Area Name:

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary
Form OP-SUM
Table 1

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
B94P7CT1	OP-UA13	COOLING TOWER		153106	N268	
B94P7D511	OP-REQ2	D-7511 - 1ST STAGE DEVO PROCESS TANK		153106	N268	
B94P7D512	OP-REQ2	D-7512 - 2ND STAGE DEVO PROCESS TANK		153106	N268	
B94P7DU611	OP-REQ2	CE-7611 COALESCER		153106	N268	
B94P7DU713	OP-UA15	D-7713 DRUM		153106	N268	
B94P7F1	OP-UA7 OP-UA15	FS-7081 FLARE		153106	N268	
B94P7FU1	OP-UA12	PROCESS AREA FUGITIVES		153106	N268	
B93P7FU2	OP-UA12	COMMON AREA FUGITIVES		153106	N268	
B94P7H510	OP-UA5 OP-UA6 OP-UA15	F-7510 FURNACE		153106	N268	
B94P7KO81	OP-UA15	D-7081 FLARE KNOCK-OUT DRUM		153106	N268	
B94P7LR3	OP-UA4	D-7808 WASTEWATER LOADING RACK		153106	N268	
B94P7LR4	OP-REQ2	PLASTIC PELLETS LOADING RACK		153106	N268	

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary
Form OP-SUM
Table 1**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
B94P7PV15S	OP-REQ2	PSV-EC7315S CAT PREP CIRCULATION		153106	N268	
B94P7PV211	OP-REQ2	D-7211 LOOP PUMP SEAL DRIAN DRUM		153106	N268	
B94P7PV300	OP-UA15	SP-300 CATALYST SAMPLE SHOT POT VENT		153106	N268	
B94P7PV410	OP-UA15	FLR-7410 MASTER BATCH UNLOADING VENT FILTER		153106	N268	
B94P7PV412	OP-REQ2	SIDE ARM ADDITIVE EXTRUDER GRX-7412		153106	N268	
B94P7PV443	OP-UA15	B-7443 FROM FL-7443 TO SCARP BOX MASTERBATCH RECEIVING VENT FILTER		153106	N268	
B94P7PV511	OP-UA15	PVRV-HUH7511 HOLD UP HOPPER VENT		153106	N268	
B94P7PV516	OP-UA15	D-7516 PELLET WATER TANK		153106	N268	
B94P7PV517	OP-UA15	D-7517 PELLET WATER PROCESS VESSEL		153106	N268	
B94P7PV51A	OP-UA15	SPIN DRYER SD-7511A		153106	N268	
B94P7PV51B	OP-UA15	SPIN DRYER SD-7511B		153106	N268	

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary
Form OP-SUM
Table 1**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
B94P7PV521	OP-UA15	DC-7211 TEMPERED WATER HEADER VENT		153106	N268	
B94P7PV521A	OP-UA15	H7521A HOPPER		153106	N268	
B94P7PV521B	OP-UA15	H7521B HOPPER		153106	N268	
B94P7PV7511A	OP-UA15	NW-7511A NET WEIGHER SOCK FILTERS		153106	N268	
B94P7PV7511B	OP-UA15	NW-7511A NET WEIGHER SOCK FILTERS		153106	N268	
B94P7PV808	OP-UA15	SP-7808 SEPARATOR SAMPLE SHOT POT VENT		153106	N268	
B94P7PV921	OP-UA15	BL-7921 TO FL-7911 FROM BLENDERS		153106	N268	
B94P7PV922	OP-UA15	BL-7922 TO FL-7911 FROM BLENDERS		153106	N268	
B94P7PV923	OP-UA15	BL-7923 TO FL-7911 FROM BLENDERS		153106	N268	
B94P7PV924	OP-UA15	BL-7924 TO FL-7911 FROM BLENDERS		153106	N268	
B94P7PV925	OP-UA15	BL-7925 TO FL-7911 FROM BLENDERS		153106	N268	

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary
Form OP-SUM
Table 1**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
B94P7PV926	OP-UA15	BL-7926 TO FL-7911 FROM BLENDERS		153106	N268	
B94P7PV927	OP-UA15	BL-7927 TO FL-7911 FROM BLENDERS		153106	N268	
B94P7PV928	OP-UA15	BL-7928 TO FL-7911 FROM BLENDERS		153106	N268	
B94P7PV990A	OP-UA15	FL-MS7990A		153106	N268	
B94P7PV990B	OP-UA15	FL-MS7990B		153106	N268	
B94P7PV991A	OP-UA15	FL-MS7991A FILTER ON RAILCAR LOADING		153106	N268	
B94P7PV991B	OP-UA15	FL-MS7991B FILTER ON RAILCAR LOADING		153106	N268	
B94P7PV992A	OP-UA15	FL-MS7992A TRANSFER VENT FILTER		153106	N268	
B94P7PV992B	OP-UA15	FL-MS7992B TRANSFER VENT FILTER		153106	N268	
B94P7PV993A	OP-UA15	FL-MS7993A FILTER ON RAILCAR LOADING		153106	N268	
B94P7PV993B	OP-UA15	FL-MS7993B FILTER ON RAILCAR LOADING		153106	N268	

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary
Form OP-SUM
Table 1**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
B94P7RX211A	OP-REQ2	EL-7211A LOOP REACTOR		153106	N268	
B94P7RX211B	OP-REQ2	EL-7211B LOOP REACTOR		153106	N268	
B94P7SP808	OP-UA14	D-7808 SOLVENT WATER SEPARATOR		153106	N268	
B94P7ST002	OP-REQ2	D-7002 SODIUM HYPOCHLORITE STORAGE TANK		153106	N268	
B94P7ST003	OP-REQ2	D-7003 SULFURIC ACID STORAGE TANK		153106	N268	
B94P7ST004	OP-REQ2	D-7004 CORROSION INHIBITOR TOTE		153106	N268	
B94P7ST005	OP-REQ2	D-7005 SCALE INHIBITOR TOTE 3DT394		153106	N268	
B94P7ST006	OP-REQ2	D-7006 DISPERSANT TOTE 3DT198		153106	N268	
B94P7ST007	OP-REQ2	D-7007 NON-OXIDIZING BIOCIDES TOTE		153106	N268	
B94P7ST211	OP-REQ2	D-7211 TEMPERED WATER HEADER - SURGE CONTROL VESSEL		153106	N268	
B94P7ST306	OP-REQ2	D-7306 CATALYST SURGE CONTROL VESSEL		153106	N268	

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary
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Table 1**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
B94P7ST307	OP-REQ2	D-7307 CATALYST SURGE CONTROL VESSEL		153106	N268	
B94P7ST311	OP-UA3	D-7311 CATALYST STORAGE DRUM		153106	N268	
B94P7ST315	OP-REQ2	D-7315 CATALYST PREP PROCESS DRUM		153106	N268	
B94P7ST316	OP-REQ2	D-7316 - CATALYST PROCESS DRUM		153106	N268	
B94P7ST317	OP-REQ2	D-7317 SCAVENGER FEED DRUM		153106	N268	
B94P7ST318A	OP-REQ2	D-7318A CATALYST FEED DRUM		153106	N268	
B94P7ST318B	OP-REQ2	D-7318B CATALYST FEED DRUM		153106	N268	
B94P7ST319	OP-REQ2	D-7319 CO-CATALYST FEED DRUM		153106	N268	
B94P7ST321	OP-UA3	D-7321 CATALYST SURGE CONTROL VESSEL		153106	N268	
B94P7ST326	OP-REQ2	D-7326 CATALYST PROCESS DRUM		153106	N268	
B94P7ST412	OP-UA3	D-7412 CAST STORAGE DRUM		153106	N268	
B94P7ST413	OP-UA3	D-7413 AO STAGE DRUM		153106	N268	

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary
Form OP-SUM
Table 1**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
B94P7ST414	OP-UA3	D-7414 AO STAGE DRUM		153106	N268	
B94P7ST419	OP-UA15	D-7419 ADDITIVE SOLVENT PROCESS VESSEL		153106	N268	
B94P7ST511	OP-UA3	VPO-7511 PARATHERM STORAGE		153106	N268	
B94P7ST515	OP-REQ2	D-7515 VACUUM SOLVENT DRUM		153106	N268	
B94P7ST516	OP-REQ2	D-7516 PELLET WATER (PW) OVERFLOW TANK		153106	N268	
B94P7ST517	OP-REQ2	D-7517 PELLET WATER (PW) OVERFLOW TANK		153106	N268	
B94P7ST611	OP-UA3	D-7611 SOLVENT RECYCLE DRUM		153106	N268	
B94P7ST711	OP-REQ2	D-7711 - RECYCLE COMPRESSOR SUCTION PROCESS DRUM		153106	N268	
B94P7ST712	OP-REQ2	D-7712 - RECYCLE COMPRESSOR 1ST STAGE KO PROCESS TANK		153106	N268	
B94P7ST809	OP-UA3	V-7809 USE SOLVENT STORAGE TANK		153106	N268	
B94P7ST812	OP-UA3	V-7812 OCTENE STORAGE TANK		153106	N268	
B94P7ST816	OP-UA3	V-7816 HEXENE STORAGE TANK		153106	N268	

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary
Form OP-SUM
Table 1**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
B94P7UL1	OP-UA4	D-7004 - 3DT176 UNLOADING RACK		153106	N268	
B94P7UL10	OP-UA4	NALCO MOLYBDATE TRUCK UNLOADING RACK		153106	N268	
B94P7UL11	OP-UA4	DOC 61116 UNLOADING RACK		153106	N268	
B94P7UL12	OP-UA4	MMAO UNLOADING RACK		153106	N268	
B94P7UL13	OP-UA4	RIBS UNLOADING RACK		153106	N268	
B94P7UL14	OP-UA4	SODIUM HYPOCHLORITE UNLOADING RACK		153106	N268	
B94P7UL15	OP-UA4	SULFURIC ACID UNLOADING RACK		153106	N268	
B94P7UL2	OP-REQ2	D-7004 - 3DT394 UNLOADING RACK		153106	N268	
B94P7UL3	OP-REQ2	D-7006 - 3DT198 UNLOADING RACK		153106	N268	
B94P7UL4	OP-REQ2	D-7004 - BIO DETERGENT UNLOADING RACK		153106	N268	
B94P7UL5	OP-UA4	PROPYLENE UNLOADING RACK		153106	N268	
B94P7UL6	OP-UA4	PARATHERM UNLOADING RACK		153106	N268	

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary
Form OP-SUM
Table 1

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
B94P7UL7	OP-UA4	TITANATE UNLOADING RACK DS- 7306 / 7307		153106	N268	
B94P7UL8	OP-UA4	HCL UNLOADING RACK FROM D- 7315		153106	N268	
B94P7UL9	OP-UA4	NALCO MOLYBDATE TOTE UNLOADING RACK		153106	N268	
PROP7DDD10	OP-UA28	BL-7924 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD11	OP-UA28	BL-7925 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD12	OP-UA28	BL-7926 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD13	OP-UA28	HUH-7511 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD14	OP-UA28	VA-794037 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD15	OP-UA28	EBV-707569 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD16	OP-UA28	EBV-707523 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD17	OP-UA28	PVRV-HUH7511 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD18	OP-UA28	PRV-BL7925A 60DDD PROCESS UNIT ID		153106	N268	

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary
Form OP-SUM
Table 1**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
PROP7DDD19	OP-UA28	ERV-V7812 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD1A	OP-UA28	B94P7VSDAA SPIN DRYER 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD1B	OP-UA28	B94P7VSDAB SPIN DRYER 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD2	OP-UA28	EBV-757573 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD20	OP-UA28	ERV-V7816 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD21	OP-UA28	ERV-V7709 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD22	OP-UA28	PRV-BL7925B 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD23	OP-UA28	PRV-BL7926A 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD24	OP-UA28	ERV-VPO7511A 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD25	OP-UA28	ERV-VPO7511B 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD26	OP-UA28	PVRV-BL7921 60DDD PROCESS UNIT ID		153106	N268	

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary
Form OP-SUM
Table 1**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
PROP7DDD27	OP-UA28	PVRV-BL7922 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD28	OP-UA28	PVRV-BL7923 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD29	OP-UA28	PVRV-BL7924 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD3	OP-UA28	EBV-757571 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD30	OP-UA28	PVRV-BL7925 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD31	OP-UA28	PVRV-BL7926 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD32	OP-UA28	PRV-BL7921A 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD33	OP-UA28	PRV-BL7921B 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD34	OP-UA28	PRV-BL7922A 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD35	OP-UA28	PRV-BL7922B 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD36	OP-UA28	PRV-BL7923A 60DDD PROCESS UNIT ID		153106	N268	

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary
Form OP-SUM
Table 1**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
PROP7DDD37	OP-UA28	PRV-BL7923B 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD38	OP-UA28	PRV-BL7926B 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD39	OP-UA28	PRV-BL7927A 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD4	OP-UA28	EBV-707535 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD40	OP-UA28	PRV-BL7927B 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD41	OP-UA28	PRV-BL7928A 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD42	OP-UA28	PRV-BL7928B 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD43	OP-UA28	BL-7922 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD44	OP-UA28	BL-7923 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD45	OP-UA28	BL-7927 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD46	OP-UA28	BL-7928 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD47	OP-UA28	EBV-757577 60DDD PROCESS UNIT ID		153106	N268	

TCEQ 10007 (APDG 5837v9, Revised 05/20) OP-SUM
This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary
Form OP-SUM
Table 1**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
PROP7DDD48	OP-UA28	EBV-757575 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD5	OP-UA28	PVRV-BL7927 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD6	OP-UA28	PVRV-BL7928 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD7	OP-UA28	PRV-BL7924A 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD8	OP-UA28	PRV-BL7924B 60DDD PROCESS UNIT ID		153106	N268	
PROP7DDD9	OP-UA28	BL-7921 60DDD PROCESS UNIT ID		153106	N268	
PROPP7A	OP-UA60	POLY 7 PROCESS UNIT CONTINUOUS VENTS		153106 106.263/11/01/2001	N268	
PROPP7B	OP-UA60	POLY 7 PROCESS UNIT - BATCH VENTS		153106 106.263/11/01/2001	N268	

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

Date	Permit Number	Regulated Entity Number
09/16/2024	TBD	RN100225945

Unit ID No.	Registration No.	PBR No.	Registration Date
N/A	N/A	N/A	N/A

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
09/16/2024	TBD	RN100225945

Unit ID No.	PBR No.	Version No./Date
PROPP7A PROPP7B	106.263	11/01/2001

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

Date	Permit Number	Regulated Entity Number
09/16/2024	TBD	RN100225945

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
09/16/2024	TBD	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
PROPP7A PROPP7B	106.263	11/01/2001	Track emissions on a rolling 12-month basis.

SECTION 2 – Unit Attribute Forms

The section contains the following forms:

OP-UA1	Miscellaneous and Generic Unit 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-UA12	Fugitive Attributes
OP-UA13	Cooling Tower Attributes
OP-UA14	Water Separator Attributes
OP-UA15	Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
OP-UA28	Polymer Manufacturing Attributes
OP-UA60	Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes

**Texas Commission on Environmental Quality
Miscellaneous Unit Attributes
Form OP-UA1 (Page 1)
Federal Operating Permit Program**

Date:	09/16/2024
Permit No.:	TBD
Regulated Entity No.:	RN100225945

Unit ID No.	SOP/GOP Index No.	Unit Type	Date Constructed/Placed in Service	Functionally Identical Replacement	Maximum Rated Capacity	Technical Information and Unit Description
B94P7FU1	63FFFF-01	EP				Please add 40 CFR Part 63, Subpart FFFF Low-Level Applicability. Please see Form OP-REQ3 for detailed citations.
B94P7FU2	63FFFF-01	EP				Please add 40 CFR Part 63, Subpart FFFF Low-Level Applicability. Please see Form OP-REQ3 for detailed citations.

**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.
09/16/2024	TBD	RN100225945

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.
B94P7ST809	60Kb-01	VOL	40K+	NONE	0.75-11.1	CVS-FL				B94P7F1
B94P7ST812	60Kb-01	VOL	40K+	NONE	0.5-0.75	CVS-FL				B94P7F1
B94P7ST816	60Kb-01	VOL	40K+	NONE	0.75-11.1	CVS-FL				B94P7F1

**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.
09/16/2024	TBD	RN100225945

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
B94P7ST311	R5112-01	NO		VOC1	A1K-25K			
B94P7ST321	R5112-01	NO		VOC1	A1K-25K			
B94P7ST412	R5112-01	NO		VOC1	A1K-25K			
B94P7ST413	R5112-01	NO		VOC1	A1K-25K			
B94P7ST414	R5112-01	NO		VOC1	A1K-25K			
B94P7ST511	R5112-01	NO		VOC1	A40K+			
B94P7ST611	R5112-01	NO		VOC1	A1K-25K			
B94P7ST809	R5112-01	NO		VOC1	A40K+			
B94P7ST812	R5112-01	NO		VOC1	A40K+			
B94P7ST816	R5112-01	NO		VOC1	A40K+			

**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.
09/16/2024	TBD	RN100225945

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.
B94P7ST311	R5112-01		NONE1	1-				
B94P7ST321	R5112-01		NONE1	1-				
B94P7ST412	R5112-01		NONE1	1-				
B94P7ST413	R5112-01		NONE1	1-				
B94P7ST414	R5112-01		NONE1	1-				
B94P7ST511	R5112-01		NONE1	1-				
B94P7ST611	R5112-01		NONE1	1-				
B94P7ST809	R5112-01		NONE1	1-1.5				
B94P7ST812	R5112-01		NONE1	1-				
B94P7ST816	R5112-01		VRS1	1.5+A			FLARE	B94P7F1

**Storage Tank/Vessel Attributes
Form OP-UA3 (Page 51)
Federal Operating Permit Program**

**Table 21a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Storage Vessels
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit ID No.	SOP Index No.	Emission Standard	Comb Device	95% Scrubber	PERF Test	Negative Pressure	Bypass Line
B94P7ST311	63FFFF-01	76-FLR					
B94P7ST321	63FFFF-01	76-FLR					
B94P7ST412	63FFFF-01	76-FLR					
B94P7ST413	63FFFF-01	76-FLR					
B94P7ST414	63FFFF-01	76-FLR					
B94P7ST611	63FFFF-01	76-FLR					
B94P7ST809	63FFFF-01	76-FLR					
B94P7ST812	63FFFF-01	76-FLR					
B94P7ST816	63FFFF-01	76-FLR					

**Storage Tank/Vessel Attributes
Form OP-UA3 (Page 53)
Federal Operating Permit Program**

**Table 21c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Storage Vessels
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit ID No.	SOP Index No.	Designated HAL	Determined HAL	Prior Eval	Assessment Waiver	Negative Pressure	Bypass Line
B94P7ST311	63FFFF-01	NO	NO	NO	NO	NO	FLOWIND
B94P7ST321	63FFFF-01	NO	NO	NO	NO	NO	FLOWIND
B94P7ST412	63FFFF-01	NO	NO	NO	NO	NO	FLOWIND
B94P7ST413	63FFFF-01	NO	NO	NO	NO	NO	FLOWIND
B94P7ST414	63FFFF-01	NO	NO	NO	NO	NO	FLOWIND
B94P7ST611	63FFFF-01	NO	NO	NO	NO	NO	FLOWIND
B94P7ST809	63FFFF-01	NO	NO	NO	NO	NO	FLOWIND
B94P7ST812	63FFFF-01	NO	NO	NO	NO	NO	FLOWIND
B94P7ST816	63FFFF-01	NO	NO	NO	NO	NO	FLOWIND

**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.
09/16/2024	TBD	RN100225945

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
B94P7LR3	R5211-01	OTHER	213B		VOC1	LOAD	0.5-11S	20K+	CON
B94P7UL1	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5-		
B94P7UL11	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5-		
B94P7UL12	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5-		
B94P7UL13	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5-		
B94P7UL14	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5-		
B94P7UL15	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5-		
B94P7UL2	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5-		
B94P7UL3	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5-		
B94P7UL4	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5-		
B94P7UL5	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5-		

**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.
09/16/2024	TBD	RN100225945

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
B94P7UL6	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5-		
B94P7UL7	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5-		
B94P7UL8	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5-		
B94P7UL9	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5-		

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

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

Date	Permit No.:	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit ID No.	SOP Index No.	Chapter 115 Control Device Type	Chapter 115 Control Device ID No.	Vapor-Tight	Vapor Space Holding Tank	Marine Terminal Exemptions	VOC Flash Point	Uncontrolled VOC Emissions
B94P7LR3	R5211-01	FLARE	B94P7F1	NO				

**Loading/Unloading Operations Attributes
Form OP-UA4 (Page 16)
Federal Operating Permit Program**

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

Date	Permit No.:	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit ID No.	SOP Index No.	Emission Standard	Designated HAL	Determined HAL	Prior Eval	Assessment Waiver	Negative Pressure	Bypass Line
B94P7LR3	63FFFF-01	FLR	NO	NO	NO	YES	NO	NO

**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.
09/16/2024	TBD	RN100225945

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
B94P7H510	R7ICI-01	PRHTR	40-100			NG	GS		28+	310D		

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

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

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

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
B94P7H510	R7ICI-01	NO		OTHER	NONE			CEMS

**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.
09/16/2024	TBD	RN100225945

Unit ID No.	SOP/GOP Index No.	Fuel Flow Monitoring	CO Emission Limitation	CO Monitoring System	NH3 Emission Limitation	NH3 Monitoring
B94P7H510	R7ICI-01	X40A	310C	CEMS		

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

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

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit ID No.	SOP/GOP Index No.	Commence	Table Applicability	HCl Emission	HCl-CMS
B94P7H510	63DDDDD-01	NEW	T3.1TS		

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 Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

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
B94P7H510	60Dc-01	05+	10-100	NONE	75-100	NG	OTHER		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 Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

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
B94P7H510	60Dc-01	NONE	NONE	NONE	NONE		

**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.
09/16/2024	TBD	RN100225945

Unit ID No.	SOP/GOP Index No	Acid Gases Only	Emergency/Upset Conditions Only	Alternate Opacity Limitation (AOL)	AOL ID No.	Construction Date
B94P7F1	R1111-01	NO	NO			

**Texas Commission on Environmental Quality
Flare Attributes
Form OP-UA7 (Page 3)
Federal Operating Permit Program**

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

Date	Permit No.:	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit ID No.	SOP/GOP Index No.	Subject to 40 CFR §60.18	Adhering to Heat Content Specifications	Flare Assist Type	Flare Exit Velocity	Heating Value of Gas
B94P7F1	60A-01	YES	YES	AIR		

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

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

Date	Permit No.:	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit ID No.	SOP/GOP Index No.	Required Under 40 CFR Part 63	Heat Content Specification	Flare Assist Type	Flare Exit Velocity	Heating Value of Gas
B94P7F1	63A-01	YES	YES	AIR		

**Texas Commission on Environmental Quality
Flare Attributes
Form OP-UA7 (Page 5)
Federal Operating Permit Program**

**Table 5a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H, Division 1: Highly-Reactive Volatile Organic Compounds-Vent Gas Control**

Date	Permit No.:	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit ID No.	SOP Index No.	Out of Service	Total Gas Stream	Gas Stream Concentration	Exempt Date	Alternative Monitoring Approach	Modifications to Testing/Monitoring	Modifications to Testing/Monitoring ID No.	Flare Type
B94P7F1	R5720-01	NO	YES	YES		OTHER	NONE		OTHER

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

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

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit ID No.	SOP/GOP Index No.	Title 30 TAC § 115.352 Applicable	< 250 Components at Site	Weight Percent VOC	Reciprocating Compressors or Positive Displacement Pumps
B94P7FU1	R5352-ALL				
B93P7FU2	R5352-ALL				

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 44)
Federal Operating Permit Program**

**Table 5a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit ID No.	SOP Index No.	Manufactured Product	Continuous Process	Construction/Modification Date	VOC Service	Design Capacity	Equipment in Vacuum Service	VOC Service Less Than 300 Hours
B94P7FU1	60DDD-ALL							
B93P7FU2	60DDD-ALL							

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

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

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit ID No.	SOP Index No.	Equipment Type	Non Research and Development/Batch Processes	Vacuum Service	Less Than 300 Operating Hours	Heavy Liquid Service	AMEL
B94P7FU1	63H-ALL						
B93P7FU2	63H-ALL						

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 138)
Federal Operating Permit Program**

**Table 16a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H: Fugitive Emissions (HRVOC)
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit ID. No.	SOP/GOP Index No.	Title 30 TAC § 115.780 Applicable	Less Than 250 Components at Site	Weight Percent HRVOC	Title 30 TAC Chapter	115 Fugitive Unit	Components
					Pumps with Shaft Seal System	Compressors with Shaft Seal System	Agitators with Shaft Seal System
B94P7FU1	R5780-ALL						
B93P7FU2	R5780-ALL						

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.
09/16/2024	TBD	RN100225945

Unit ID No.	SOP Index No.	Cooling Tower Heat Exchange Systems Exemptions	Alternative Monitoring	Modified Monitoring	Approved Monitoring ID No.
B94P7CT1	R5760-01	NONE	NO	YES	Application submitted 08/13/2024 – AMOC244

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.
09/16/2024	TBD	RN100225945

Unit ID No.	SOP Index No.	Jacketed Reactor	Design Capacity	Finite Volume System	Flow Monitoring/ Testing Method	Total Strippable VOC	On-Line Monitor
B94P7CT1	R5760-01	NO	8000+	NO	TDH	NO	YES

Texas Commission on Environmental Quality
Cooling Tower Attributes
Form OP-UA13 (Page 7)
Federal Operating Permit Program

Table 6: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing

Date	Permit No.:	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit ID No.	SOP Index No.	Monitoring
B94P7CT1	63FFFF-01	YES

**Water Separator Attributes
Form OP-UA14 (Page 1)
Federal Operating Permit Program**

**Table 1: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115) Water Separation
Texas Commission on Environmental Quality**

Date	Permit No.:	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement (ACR)	ACR ID No.	Exemption	Emission Control Option	Control Device	Control Device ID No.
B94P7SP808	R5132-01	NO		NONE	ENCL		

**Water Separator Attributes
Form OP-UA14 (Page 27)
Federal Operating Permit Program**

**Table 11a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing
Texas Commission on Environmental Quality**

Date	Permit No.:	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit ID No.	SOP Index No.	Process Wastewater	Meets 40 CFR § 63.149(d)	Unit Category	Control Requirement	EEL ID No	Floating Roof Alternate Monitoring Parameters	Floating Roof AMP ID No.
B94P7SP808	63FFFF-01	YES	YES	TBLE35	CVS			

**Water Separator Attributes
Form OP-UA14 (Page 28)
Federal Operating Permit Program**

**Table 11b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing
Texas Commission on Environmental Quality**

Date	Permit No.:	Regulated Entity No.
09/16/2024	TBD	RN100225945

Unit ID No.	SOP Index No.	Closed Vent System	By-pass Lines	Combination of Control Devices	Control Devices	Control Device ID No	Compliance With 40 CFR §63.139(c)(1)	Halogenated
B94P7SP808	63FFFF-01	SUBPTG	NONE		FLARE	B94P7F1		NON

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

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

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Emission Point ID No.	SOP/GOP Index No.	Alternate Opacity Limitation	AOL ID No.	Vent Source	Opacity Monitoring System	Construction Date	Effluent Flow Rate
B94P7H510	R1111-01	NO		OTHER	NONE	72+	100-
B94P7PV410	R1111-01	NO		OTHER	NONE	72+	100-
B94P7PV443	R1111-01	NO		OTHER	NONE	72+	100-
B94P7PV7511A	R1111-01	NO		OTHER	NONE	72+	100-
B94P7PV7511B	R1111-01	NO		OTHER	NONE	72+	100-
B94P7PV990A	R1111-01	NO		OTHER	NONE	72+	100-
B94P7PV990B	R1111-01	NO		OTHER	NONE	72+	100-
B94P7PV991A	R1111-01	NO		OTHER	NONE	72+	100-
B94P7PV991B	R1111-01	NO		OTHER	NONE	72+	100-
B94P7PV992A	R1111-01	NO		OTHER	NONE	72+	100-
B94P7PV992B	R1111-01	NO		OTHER	NONE	72+	100-
B94P7PV993A	R1111-01	NO		OTHER	NONE	72+	100-
B94P7PV993B	R1111-01	NO		OTHER	NONE	72+	100-

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

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

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

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
B94P7F1	R5121-01	NO	NO	REGVAPPL				
B94P7H510	R5121-01	NO	NO	REGVAPPL				
B94P7KO81	R5121-01	NO	NO	REGVAPPL				
B94P7PV300	R5121-01	NO	NO	REGVAPPL		100-		YES
B94P7PV410	R5121-01	NO	NO	REGVAPPL			612-	YES
B94P7PV443	R5121-01	NO	NO	REGVAPPL			612-	YES
B94P7PV51A	R5121-01	NO	NO	REGVAPPL			612-	YES
B94P7PV51B	R5121-01	NO	NO	REGVAPPL			612-	YES
B94P7PV516	R5121-01	NO	NO	REGVAPPL			612-	YES
B94P7PV517	R5121-01	NO	NO	REGVAPPL			612-	YES
B94P7PV521	R5121-01	NO	NO	REGVAPPL			612-	YES
B94P7PV808	R5121-01	NO	NO	REGVAPPL			612-	YES
B94P7PV921	R5121-01	NO	NO	REGVAPPL			612-	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.
09/16/2024	TBD	RN100225945

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
B94P7PV922	R5121-01	NO	NO	REGVAPPL			612-	YES
B94P7PV923	R5121-01	NO	NO	REGVAPPL			612-	YES
B94P7PV924	R5121-01	NO	NO	REGVAPPL			612-	YES
B94P7PV925	R5121-01	NO	NO	REGVAPPL			612-	YES
B94P7PV926	R5121-01	NO	NO	REGVAPPL			612-	YES
B94P7PV927	R5121-01	NO	NO	REGVAPPL			612-	YES
B94P7PV928	R5121-01	NO	NO	REGVAPPL			612-	YES
B94P7PV990A	R5121-01	NO	NO	REGVAPPL			612-	YES
B94P7PV990B	R5121-01	NO	NO	REGVAPPL			612-	YES
B94P7PV991A	R5121-01	NO	NO	REGVAPPL			612-	YES
B94P7PV991B	R5121-01	NO	NO	REGVAPPL			612-	YES
B94P7PV992A	R5121-01	NO	NO	REGVAPPL			612-	YES
B94P7PV992B	R5121-01	NO	NO	REGVAPPL			612-	YES
B94P7PV993A	R5121-01	NO	NO	REGVAPPL			612-	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.
09/16/2024	TBD	RN100225945

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
B94P7PV993B	R5121-01	NO	NO	REGVAPPL			612-	YES
B94P7ST419	R5121-01	NO	NO	REGVAPPL			612-	YES

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

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

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Emission Point ID No.	SOP Index No.	Alternate Control Requirement	ACR ID No.	Control Device Type	Control Device ID No.
B94P7F1	R5121-01	NONE		FLARE	B94P7F1
B94P7H510	R5121-01	NONE		DIRFLM	B94P7H510
B94P7KO81	R5121-01	NONE		FLARE	B94P7F1

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

Table 12a: Title 30 Texas 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.
09/16/2024	TBD	RN100225945

Emission Point ID No.	SOP Index No.	HRVOC Concentration	Max Flow Rate	Exempt Date	Vent Gas Stream Control
B94P7F1	R5720-01	NO	NO		FLARE
B94P7H510	R5720-01	NO	NO		OTHCD
B94P7KO81	R5720-01	NO	NO		FLARE
B94P7PV410	R5720-01	YES	NO	YES	
B94P7PV443	R5720-01	YES	NO	YES	
B94P7PV51A	R5720-01	YES	NO	YES	
B94P7PV51B	R5720-01	YES	NO	YES	
B94P7PV511	R5720-01	NO	NO		OTHCD
B94P7PV521	R5720-01	YES	NO	YES	
B94P7PV521A	R5720-01	NO	NO		OTHCD
B94P7PV521B	R5720-01	NO	NO		OTHCD
B94P7PV921	R5720-01	YES	NO	YES	

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

Table 12a: Title 30 Texas 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.
09/16/2024	TBD	RN100225945

Emission Point ID No.	SOP Index No.	HRVOC Concentration	Max Flow Rate	Exempt Date	Vent Gas Stream Control
B94P7PV922	R5720-01	YES	NO	YES	
B94P7PV923	R5720-01	YES	NO	YES	
B94P7PV924	R5720-01	YES	NO	YES	
B94P7PV925	R5720-01	YES	NO	YES	
B94P7PV926	R5720-01	YES	NO	YES	
B94P7PV927	R5720-01	YES	NO	YES	
B94P7PV928	R5720-01	YES	NO	YES	
B94P7PV990A	R5720-01	YES	NO	YES	
B94P7PV990B	R5720-01	YES	NO	YES	
B94P7PV991A	R5720-01	YES	NO	YES	
B94P7PV991B	R5720-01	YES	NO	YES	
B94P7PV992A	R5720-01	YES	NO	YES	
B94P7PV992B	R5720-01	YES	NO	YES	

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

Table 12a: Title 30 Texas 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.
09/16/2024	TBD	RN100225945

Emission Point ID No.	SOP Index No.	HRVOC Concentration	Max Flow Rate	Exempt Date	Vent Gas Stream Control
B94P7PV993A	R5720-01	YES	NO	YES	
B94P7PV993B	R5720-01	YES	NO	YES	

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

Table 12b: Title 30 Texas 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.
09/16/2024	TBD	RN100225945

Emission Point ID No.	SOP Index No.	AM	AM ID No.	Minor Modification	Minor Modification ID No.	Process Knowledge	Waived Testing	Testing Requirements
B94P7H510	R5720-01	NO		NO		YES	NO	725A
B94P7PV511	R5720-01	NO		NO		YES	NO	725A
B94P7PV521A	R5720-01	NO		NO		YES	NO	725A
B94P7PV521B	R5720-01	NO		NO		YES	NO	725A

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

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

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

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Emission Point ID No.	SOP Index No.	Emission Standard	Comb Device	95% Scrubber	PERF Test	Negative Pressure	Bypass Line
B94P7DU713	63FFFF-01	BLWFLR					
B94P7F1	63FFFF-01	BLWFLR					
B94P7H510	63FFFF-01	CDPMV					
B94P7PV51A	63FFFF-01	GRP2					
B94P7PV51B	63FFFF-01	GRP2					

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

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

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

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Emission Point ID No.	SOP Index No.	Recovery Device	Existing Source	TRE Index Threshold	Alt 63SS Mon Parameters	Alt 63SS Mon ID	SS Device Type	SS Device ID	Water
B94P7PV51A	63FFFF-01	NO							
B94P7PV51B	63FFFF-01	NO							

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

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

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

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Emission Point ID No.	SOP Index No.	Designated GRP1	Designated HAL	Determined HAL	Prior Eval	Assessment Waiver	Assessment Waiver ID	Negative Pressure	Bypass Line
B94P7DU713	63FFFF-01	YES	NO	NO	NO	NO		NO	CARSEAL
B94P7F1	63FFFF-01	YES	NO	NO	NO	NO		NO	NO

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

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

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

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Emission Point ID No.	SOP Index No.	Designated GRP1	Small Device	1257A1	1257A1 Device Type	1257A1 Device ID	Alt 63SS Mon Parameters	Alt 63SS Mon ID	CEMS	SS Device Type	SS Device ID
B94P7H510	63FFFF-01	YES	NO				NO		NO	BPH44+	B94P7H510

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

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

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

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Emission Point ID No.	SOP Index No.	Meets 63.988(b)(2)	Water	Designated HAL	Determined HAL
B94P7H510	63FFFF-01	NO		NO	NO

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

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

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

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Emission Point ID No.	SOP Index No.	HAL Device Type	HAL Device ID	Prior Eval	Assessment Waiver	Assessment Waiver ID	Formaldehyde	Negative Pressure	Bypass Line
B94P7H510	63FFFF-01	NONE		NO	NO		NO	NO	FLOWIND

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 39)
Federal Operating Permit Program

Table 14: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

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

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Emission Point ID No.	SOP Index No.	Comb Device	95% Scrubber	PERF Test	Negative Pressure	Bypass Line
B94P7F1	63FFFF-02	YES	NO	NO	NO	FLOWIND

**Texas Commission on Environmental Quality
Polymer Manufacturing Attributes
Form OP-UA28 (Page 1)
Federal Operating Permit Program**

**Table 1a: Title 40 Code of Federal Regulations Part 60
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Process ID No.	SOP Index No.	Manufactured Product	Continuous Process	Construction/Modification Date	Experimental Process Line	Modified After Applicability Date	Table 2 Threshold Emission Rates
PROP7DDD1A	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD1B	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD2	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD3	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD4	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD5	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD6	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD7	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD8	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD9	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD10	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD11	60DDD-01	PROPYL	YES	89+	NO		

Texas Commission on Environmental Quality
Polymer Manufacturing Attributes
Form OP-UA28 (Page 1)
Federal Operating Permit Program

Table 1a: Title 40 Code of Federal Regulations Part 60
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Process ID No.	SOP Index No.	Manufactured Product	Continuous Process	Construction/Modification Date	Experimental Process Line	Modified After Applicability Date	Table 2 Threshold Emission Rates
PROP7DDD12	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD13	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD14	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD15	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD16	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD17	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD18	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD19	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD20	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD21	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD22	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD23	60DDD-01	PROPYL	YES	89+	NO		

Texas Commission on Environmental Quality
Polymer Manufacturing Attributes
Form OP-UA28 (Page 1)
Federal Operating Permit Program

Table 1a: Title 40 Code of Federal Regulations Part 60
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Process ID No.	SOP Index No.	Manufactured Product	Continuous Process	Construction/Modification Date	Experimental Process Line	Modified After Applicability Date	Table 2 Threshold Emission Rates
PROP7DDD24	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD25	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD26	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD27	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD28	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD29	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD30	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD31	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD32	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD33	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD34	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD35	60DDD-01	PROPYL	YES	89+	NO		

**Texas Commission on Environmental Quality
Polymer Manufacturing Attributes
Form OP-UA28 (Page 1)
Federal Operating Permit Program**

**Table 1a: Title 40 Code of Federal Regulations Part 60
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Process ID No.	SOP Index No.	Manufactured Product	Continuous Process	Construction/Modification Date	Experimental Process Line	Modified After Applicability Date	Table 2 Threshold Emission Rates
PROP7DDD36	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD37	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD38	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD39	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD40	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD41	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD42	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD43	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD44	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD45	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD46	60DDD-01	PROPYL	YES	89+	NO		

**Texas Commission on Environmental Quality
Polymer Manufacturing Attributes
Form OP-UA28 (Page 1)
Federal Operating Permit Program**

**Table 1a: Title 40 Code of Federal Regulations Part 60
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Process ID No.	SOP Index No.	Manufactured Product	Continuous Process	Construction/Modification Date	Experimental Process Line	Modified After Applicability Date	Table 2 Threshold Emission Rates
PROP7DDD47	60DDD-01	PROPYL	YES	89+	NO		
PROP7DDD48	60DDD-01	PROPYL	YES	89+	NO		

**Texas Commission on Environmental Quality
Polymer Manufacturing Attributes
Form OP-UA28 (Page 4)
Federal Operating Permit Program**

**Table 1d: Title 40 Code of Federal Regulations Part 60
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Process ID No.	SOP Index No.	Polyolefin Production	Process Emissions	Uncontrolled Annual Emissions	Weight Percent TOC
PROP7DDD1A	60DDD-01	1+	CONT		0.1-
PROP7DDD1B	60DDD-01	1+	CONT		0.1-
PROP7DDD2	60DDD-01	1+	INTER		
PROP7DDD3	60DDD-01	1+	INTER		
PROP7DDD4	60DDD-01	1+	INTER		
PROP7DDD5	60DDD-01	1+	INTER		
PROP7DDD6	60DDD-01	1+	INTER		
PROP7DDD7	60DDD-01	1+	INTER		
PROP7DDD8	60DDD-01	1+	INTER		
PROP7DDD9	60DDD-01	1+	INTER		
PROP7DDD10	60DDD-01	1+	INTER		
PROP7DDD11	60DDD-01	1+	INTER		

**Texas Commission on Environmental Quality
Polymer Manufacturing Attributes
Form OP-UA28 (Page 4)
Federal Operating Permit Program**

**Table 1d: Title 40 Code of Federal Regulations Part 60
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Process ID No.	SOP Index No.	Polyolefin Production	Process Emissions	Uncontrolled Annual Emissions	Weight Percent TOC
PROP7DDD12	60DDD-01	1+	INTER		
PROP7DDD13	60DDD-01	1+	INTER		
PROP7DDD14	60DDD-01	1+	INTER		
PROP7DDD15	60DDD-01	1+	INTER		
PROP7DDD16	60DDD-01	1+	INTER		
PROP7DDD17	60DDD-01	1+	INTER		
PROP7DDD18	60DDD-01	1+	INTER		
PROP7DDD19	60DDD-01	1+	INTER		
PROP7DDD20	60DDD-01	1+	INTER		
PROP7DDD21	60DDD-01	1+	INTER		
PROP7DDD22	60DDD-01	1+	INTER		
PROP7DDD23	60DDD-01	1+	INTER		

**Texas Commission on Environmental Quality
Polymer Manufacturing Attributes
Form OP-UA28 (Page 4)
Federal Operating Permit Program**

**Table 1d: Title 40 Code of Federal Regulations Part 60
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Process ID No.	SOP Index No.	Polyolefin Production	Process Emissions	Uncontrolled Annual Emissions	Weight Percent TOC
PROP7DDD24	60DDD-01	1+	INTER		
PROP7DDD25	60DDD-01	1+	INTER		
PROP7DDD26	60DDD-01	1+	INTER		
PROP7DDD27	60DDD-01	1+	INTER		
PROP7DDD28	60DDD-01	1+	INTER		
PROP7DDD29	60DDD-01	1+	INTER		
PROP7DDD30	60DDD-01	1+	INTER		
PROP7DDD31	60DDD-01	1+	INTER		
PROP7DDD32	60DDD-01	1+	INTER		
PROP7DDD33	60DDD-01	1+	INTER		
PROP7DDD34	60DDD-01	1+	INTER		
PROP7DDD35	60DDD-01	1+	INTER		

**Texas Commission on Environmental Quality
Polymer Manufacturing Attributes
Form OP-UA28 (Page 4)
Federal Operating Permit Program**

**Table 1d: Title 40 Code of Federal Regulations Part 60
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Process ID No.	SOP Index No.	Polyolefin Production	Process Emissions	Uncontrolled Annual Emissions	Weight Percent TOC
PROP7DDD36	60DDD-01	1+	INTER		
PROP7DDD37	60DDD-01	1+	INTER		
PROP7DDD38	60DDD-01	1+	INTER		
PROP7DDD39	60DDD-01	1+	INTER		
PROP7DDD40	60DDD-01	1+	INTER		
PROP7DDD41	60DDD-01	1+	INTER		
PROP7DDD42	60DDD-01	1+	INTER		
PROP7DDD43	60DDD-01	1+	INTER		
PROP7DDD44	60DDD-01	1+	INTER		
PROP7DDD45	60DDD-01	1+	INTER		
PROP7DDD46	60DDD-01	1+	INTER		

**Texas Commission on Environmental Quality
Polymer Manufacturing Attributes
Form OP-UA28 (Page 4)
Federal Operating Permit Program**

**Table 1d: Title 40 Code of Federal Regulations Part 60
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Process ID No.	SOP Index No.	Polyolefin Production	Process Emissions	Uncontrolled Annual Emissions	Weight Percent TOC
PROP7DDD47	60DDD-01	1+	INTER		
PROP7DDD48	60DDD-01	1+	INTER		

**Texas Commission on Environmental Quality
Polymer Manufacturing Attributes
Form OP-UA28 (Page 5)
Federal Operating Permit Program**

**Table 1e: Title 40 Code of Federal Regulations Part 60
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Process ID No.	SOP Index No.	Control of Continuous Emissions	Continuous Control Device	Control Device ID No.	Annual Emissions Entering the Control Device	Table 3 Control Requirements	Emission Reduction From Control Device
PROP7DDD1A	60DDD-01	NONE				NO	
PROP7DDD1B	60DDD-01	NONE				NO	

**Texas Commission on Environmental Quality
Polymer Manufacturing Attributes
Form OP-UA28 (Page 6)
Federal Operating Permit Program**

**Table 1f: Title 40 Code of Federal Regulations Part 60
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Process ID No.	SOP Index No.	Emergency Vent	Existing Control Device	Intermittent Control Device	Control Device ID No.
PROP7DDD2	60DDD-01	YES			
PROP7DDD3	60DDD-01	YES			
PROP7DDD4	60DDD-01	YES			
PROP7DDD5	60DDD-01	YES			
PROP7DDD6	60DDD-01	YES			
PROP7DDD7	60DDD-01	YES			
PROP7DDD8	60DDD-01	YES			
PROP7DDD9	60DDD-01	YES			
PROP7DDD10	60DDD-01	YES			
PROP7DDD11	60DDD-01	YES			
PROP7DDD12	60DDD-01	YES			
PROP7DDD13	60DDD-01	YES			

**Texas Commission on Environmental Quality
Polymer Manufacturing Attributes
Form OP-UA28 (Page 6)
Federal Operating Permit Program**

**Table 1f: Title 40 Code of Federal Regulations Part 60
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Process ID No.	SOP Index No.	Emergency Vent	Existing Control Device	Intermittent Control Device	Control Device ID No.
PROP7DDD12	60DDD-01	YES			
PROP7DDD13	60DDD-01	YES			
PROP7DDD14	60DDD-01	YES			
PROP7DDD15	60DDD-01	YES			
PROP7DDD16	60DDD-01	YES			
PROP7DDD17	60DDD-01	YES			
PROP7DDD18	60DDD-01	YES			
PROP7DDD19	60DDD-01	YES			
PROP7DDD20	60DDD-01	YES			
PROP7DDD21	60DDD-01	YES			
PROP7DDD22	60DDD-01	YES			
PROP7DDD23	60DDD-01	YES			

**Texas Commission on Environmental Quality
Polymer Manufacturing Attributes
Form OP-UA28 (Page 6)
Federal Operating Permit Program**

**Table 1f: Title 40 Code of Federal Regulations Part 60
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Process ID No.	SOP Index No.	Emergency Vent	Existing Control Device	Intermittent Control Device	Control Device ID No.
PROP7DDD24	60DDD-01	YES			
PROP7DDD25	60DDD-01	YES			
PROP7DDD26	60DDD-01	YES			
PROP7DDD27	60DDD-01	YES			
PROP7DDD28	60DDD-01	YES			
PROP7DDD29	60DDD-01	YES			
PROP7DDD30	60DDD-01	YES			
PROP7DDD31	60DDD-01	YES			
PROP7DDD32	60DDD-01	YES			
PROP7DDD33	60DDD-01	YES			
PROP7DDD34	60DDD-01	YES			
PROP7DDD35	60DDD-01	YES			

**Texas Commission on Environmental Quality
Polymer Manufacturing Attributes
Form OP-UA28 (Page 6)
Federal Operating Permit Program**

**Table 1f: Title 40 Code of Federal Regulations Part 60
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Process ID No.	SOP Index No.	Emergency Vent	Existing Control Device	Intermittent Control Device	Control Device ID No.
PROP7DDD36	60DDD-01	YES			
PROP7DDD37	60DDD-01	YES			
PROP7DDD38	60DDD-01	YES			
PROP7DDD39	60DDD-01	YES			
PROP7DDD40	60DDD-01	YES			
PROP7DDD41	60DDD-01	YES			
PROP7DDD42	60DDD-01	YES			
PROP7DDD43	60DDD-01	YES			
PROP7DDD44	60DDD-01	YES			
PROP7DDD45	60DDD-01	YES			
PROP7DDD46	60DDD-01	YES			

**Texas Commission on Environmental Quality
Polymer Manufacturing Attributes
Form OP-UA28 (Page 6)
Federal Operating Permit Program**

**Table 1f: Title 40 Code of Federal Regulations Part 60
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry**

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

Process ID No.	SOP Index No.	Emergency Vent	Existing Control Device	Intermittent Control Device	Control Device ID No.
PROP7DDD47	60DDD-01	YES			
PROP7DDD48	60DDD-01	YES			

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

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

Date: 09/16/2024	Permit No.: TBD	Regulated Entity No.: RN100225945
Area Name: Polyethylene 7		Customer Reference No.: CN600356976

Process ID No.	SOP Index No.	Ammonium Sulfate	Other Operations	63.100 CMPU	G2/<1000 Lb/Yr	2525E1
PROP7A	63FFFF-01	NO	YES	NO	YES	NO

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

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

Date: 09/16/2024	Permit No.: TBD	Regulated Entity No.: RN100225945
Area Name: Polyethylene 7		Customer Reference No.: CN600356976

Process ID No.	SOP Index No.	Startup 2003	Shared Batch Vent	PUG	Startup 2002	PP Alt	Cont Proc
PROP7A	63FFFF-01	NO	YES	NO	YES		

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

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

Date: 09/16/2024	Permit No.: TBD	Regulated Entity No.: RN100225945
Area Name: Polyethylene 7		Customer Reference No.: CN600356976

Process ID No.	SOP Index No.	>1000 Lb/Yr	Reduction	New Source	HAP Metals	Fabric Filter	Small CD	Design Eval	Batch Proc Vents
PROP7A	63FFFF-01	NO		NO					YES

Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes
Form OP-UA60 (Page 11)
Federal Operating Permit Program

Table 6a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical
Manufacturing - MCPU Processes with Batch Vents

Date: 09/16/2024	Permit No.: TBD	Regulated Entity No.: RN100225945
Area Name: Polyethylene 7		Customer Reference No.: CN600356976

Process ID No.	SOP Index No.	Designated Grp1	Determined Grp1	Vent Emission Control
PROP7B	63FFFF-01	YES		CFL

Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes
Form OP-UA60 (Page 12)
Federal Operating Permit Program

Table 6b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical
Manufacturing - MCPU Processes with Batch Vents

Date: 09/16/2024	Permit No.: TBD	Regulated Entity No.: RN100225945
Area Name: Polyethylene 7		Customer Reference No.: CN600356976

Process ID No.	SOP Index No.	Designated HAL	Determined HAL	Scrubber	Prior Eval	Assessment Waiver	Assessment Waiver ID	Negative Pressure	Bypass Line
PROP7B	63FFFF-01	NO	NO		NO	NO		NO	NONE

SECTION 3 – Applicability Identification Forms

This Section contains the following forms:

- OP-REQ1 Application Area-Wide Applicability Determinations and General Information
- OP-REQ2 Negative Applicable Requirements Determinations
- OP-REQ3 Applicable Requirements Summary

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 1		
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter		
A. Visible Emissions		
◆	1. The application area includes stationary vents constructed on or before January 31, 1972.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The application area includes stationary vents constructed after January 31, 1972. <i>If the responses to Questions I.A.1 and I.A.2 are both "NO," go to Question I.A.6.</i> <i>If the response to Question I.A.1 is "NO" and the response to Question I.A.2 is "YES," go to Question I.A.4.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. All stationary vents are addressed on a unit specific basis.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	6. The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	7. The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	8. Emissions from units in the application area include contributions from uncombined water.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 2	
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots	
1. Items a - d determines applicability of any of these requirements based on geographical location.	
◆	a. The application area is located within the City of El Paso.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	b. The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	c. The application area is located in the portion of Harris County inside the loop formed by Beltway 8.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	d. The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<i>If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO," go to Section I.C.</i>	
2. Items a - d determine the specific applicability of these requirements.	
◆	a. The application area is subject to 30 TAC § 111.143.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	b. The application area is subject to 30 TAC § 111.145.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	c. The application area is subject to 30 TAC § 111.147.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	d. The application area is subject to 30 TAC § 111.149.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Emissions Limits on Nonagricultural Processes	
◆	1. The application area includes a nonagricultural process subject to 30 TAC § 111.151.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	2. The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	<i>If the response to Question I.C.2 is "NO," go to Question I.C.4.</i>
	3. All vents from nonagricultural process in the application area are subject to additional monitoring requirements.
	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 3	
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
C. Emissions Limits on Nonagricultural Processes (continued)	
4. The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.5 is "NO," go to Question I.C.7.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
6. All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
8. The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.8 is "NO," go to Section I.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
9. All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Emissions Limits on Agricultural Processes	
1. The application area includes agricultural processes subject to 30 TAC § 111.171.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Outdoor Burning	
◆ 1. Outdoor burning is conducted in the application area. <i>If the response to Question I.E.1 is "NO," go to Section II.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 4		
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)		
E. Outdoor Burning (continued)		
◆	5. Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	6. Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	7. The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
II. Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds		
A. Temporary Fuel Shortage Plan Requirements		
	1. The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds		
A. Applicability		
◆	1. The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10. <i>See instructions for inclusive counties. If the response to Question III.A.1 is "NO," go to Section IV.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Storage of Volatile Organic Compounds		
◆	1. The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 5	
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
C. Industrial Wastewater	
1. The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140. <i>If the response to Question III.C.1 is "NO" or "N/A," go to Section III.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area. <i>If the response to Question III.C.2 is "YES" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater). <i>If the response to Question III.C.3 is "YES," go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons). <i>If the response to Question III.C.4 is "YES," go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2).	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4).	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Loading and Unloading of VOCs	
◆ 1. The application area includes VOC loading operations.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. The application area includes VOC transport vessel unloading operations. <i>For GOP applications, if the responses to Questions III.D.1 - D.2 are "NO," go to Section III.E.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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Form OP-REQ1: Page 6		
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
D. Loading and Unloading of VOCs (continued)		
◆	3. Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities		
◆	1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container. <i>If the response to Question III.E.1 is "NO," go to Section III.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent. <i>If the response to Question III.E.2 and/or E.3 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area is located in a covered attainment county as defined in 30 TAC § 115.10. <i>If the response to Question III.E.4 is "NO," go to Question III.E.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. At facilities located in covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014. <i>If the response to Question III.E.7 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 7		
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)		
◆	<p>8. At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004. <i>If the response to Question III.E.8 is "YES," go to Section III.F.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)		
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 8		
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)		
◆	2. Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
G. Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities		
◆	1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks. <i>If the response to Question III.G.1 is "NO" or "N/A," go to Section III.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes facilities that began construction prior to November 15, 1992. <i>If the responses to Questions III.G.2 and Question III.G.3 are both "NO," go to Section III.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The decommissioning of all Stage II vapor recovery control equipment located in the application area has been completed and the decommissioning notice submitted.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 9	
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
H. Control Of Reid Vapor Pressure (RVP) of Gasoline	
◆	<div>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.</div> <div><i>If the response to Question III.H.1 is "NO" or "N/A," go to Section III.I.</i></div> <div style="text-align: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A</div>
◆	<div>2. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements.</div> <div style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</div>
◆	<div>3. The application area includes a motor vehicle fuel dispensing facility.</div> <div style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</div>
◆	<div>4. The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.</div> <div style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</div>
I. Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries	
	<div>1. The application area is located at a petroleum refinery.</div> <div style="text-align: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</div>
J. Surface Coating Processes (Complete this section for GOP applications only.)	
◆	<div>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.</div> <div style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</div>

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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Form OP-REQ1: Page 10	
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
K. Cutback Asphalt	
1. Conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots, is used or specified for use in the application area by a state, municipal, or county agency. <i>If the response to Question III.K.1 is "N/A," go to Section III.L.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
2. The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
3. Asphalt emulsion is used or produced within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is using an alternate control requirement as specified in 30 TAC § 115.513. <i>If the response to Question III.K.4 is "NO," go to Section III.L.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The applicant using cutback asphalt is a state, municipal, or county agency.	<input type="checkbox"/> YES <input type="checkbox"/> NO
L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels	
◆ 1. The application area includes degassing operations for stationary, marine, and/or transport vessels. <i>If the response to Question III.L.1 is "NO" or "N/A," go to Section III.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area. <i>If the response to Question III.L.2 is "YES," go to Section III.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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Form OP-REQ1: Page 11		
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)		
◆	3. Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	4. Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	5. Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	7. Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure \geq 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
M. Petroleum Dry Cleaning Systems		
	1. The application area contains one or more petroleum dry cleaning facilities that use petroleum based solvents.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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Form OP-REQ1: Page 12	
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
N. Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC))	
1. The application area includes one or more vent gas streams containing HRVOC.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes one or more flares that emit or have the potential to emit HRVOC. <i>If the responses to Questions III.N.1 and III.N.2 are both "NO" or "N/A," go to Section III.O. If the response to Question III.N.1 is "YES," continue with Question III.N.3.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
3. All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times. <i>If the responses to Questions III.N.3 and III.N.4 are both "NO," go to Section III.O.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The application area contains pressure relief valves that are not controlled by a flare.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area has at least one vent stream which has no potential to emit HRVOC.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).	<input type="checkbox"/> YES <input type="checkbox"/> NO
O. Cooling Tower Heat Exchange Systems (HRVOC)	
1. The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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Form OP-REQ1: Page 13	
IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds	
A. Applicability	
◆ 1. The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area. <i>For SOP applications, if the response to Question IV.A.1 is "YES," complete Sections IV.B - IV.F and IV.H.</i> <i>For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "YES," go to Section IV.F.</i> <i>For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES," complete Sections IV.C and IV.F.</i> <i>For GOP applications, if the response to Question IV.A.1 is "NO," go to Section VI.</i>	<input checked="checked" type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln. <i>If the response to Question IV.A.2 is "YES," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes a utility electric generator in an east or central Texas county. <i>See instructions for a list of counties included.</i> <i>If the response to Question IV.A.3 is "YES," go to Question IV.G.1.</i> <i>If the responses to Questions IV.A.1 - 3 are all "NO," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
B. Utility Electric Generation in Ozone Nonattainment Areas	
1. The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300. <i>If the response to Question IV.B.1 is "NO," go to Question IV.C.1.</i>	<input type="checkbox"/> YES <input checked="checked" type="checkbox"/> NO
2. The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 14		
IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)		
C. Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas		
◆	<div>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.</div> <div><i>For SOP applications, if the response to Question IV.C.1 is "NO," go to Question IV.D.1. For GOP applications for GOP 517, if the response to Question IV.C.1 is "NO," go to Section IV.F.</i></div>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The application area is located at a site that was a major source of NO _x before November 15, 1992.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
D. Adipic Acid Manufacturing		
	1. The application area is located at, or part of, an adipic acid production unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
E. Nitric Acid Manufacturing - Ozone Nonattainment Areas		
	1. The application area is located at, or part of, a nitric acid production unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines		
◆	<div>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).</div> <div><i>For SOP applications, if the response to Question IV.F.1 is "NO," go to Question IV.G.1. For GOP applications, if the response to Question IV.F.1 is "NO," go to Section VI.</i></div>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 15		
IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)		
F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)		
◆	4. The application area is located in the Dallas/Fort Worth Eight-Hour area (except for Wise County) and has units that qualify for an exemption under 30 TAC § 117.2103.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	6. The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC § 117.2025 or 30 TAC § 117.2125. <i>If the response to Question IV.F.6 is "NO," go to Section IV.G.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
	7. An ACSS for carbon monoxide (CO) has been approved?	<input type="checkbox"/> YES <input type="checkbox"/> NO
	8. An ACSS for ammonia (NH ₃) has been approved?	<input type="checkbox"/> YES <input type="checkbox"/> NO
	9. Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below.	
G. Utility Electric Generation in East and Central Texas		
	1. The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995. <i>If the response to Question IV.G.1 is "NO," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	2. The application area is complying with the System Cap in 30 TAC § 117.3020.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters		
	1. The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less. <i>If the response to question IV.H.1 is "NO," go to Section V.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	2. All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 16	
V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products	
A. Subpart B - National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings	
1. The application area manufactures automobile refinishing coatings or coating components and sells or distributes these coatings or coating components in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area imports automobile refinishing coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States. <i>If the responses to Questions V.A.1 and V.A.2 are both "NO," go to Section V.B.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. All automobile refinishing coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6).	<input type="checkbox"/> YES <input type="checkbox"/> NO
B. Subpart C - National Volatile Organic Compound Emission Standards for Consumer Products	
1. The application area manufactures consumer products for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is a distributor of consumer products whose name appears on the label of one or more of the products. <i>If the responses to Questions V.B.1 - V.B.3 are all "NO," go to Section V.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 17	
V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products (continued)	
C. Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings	
1. The application area manufactures or imports architectural coatings for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. <i>If the responses to Questions V.C.1-2 are both "NO," go to Section V.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5).	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Subpart E - National Volatile Organic Compound Emission Standards for Aerosol Coatings	
1. The application area manufactures or imports aerosol coating products for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is a distributor of aerosol coatings for resale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Subpart F - Control of Evaporative Emissions From New and In-Use Portable Fuel Containers	
1. The application area manufactures or imports portable fuel containers for sale or distribution in the United States. <i>If the response to Question V.E.1 is "NO," go to Section VI.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards	
A. Applicability	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts. <i>If the response to Question VI.A.1 is "NO," go to Section VII.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 18	
VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
B. Subpart Y - Standards of Performance for Coal Preparation and Processing Plants	
1. The application area is located at a coal preparation and processing plant. <i>If the response to Question VI.B.1 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). <i>If the response to Question VI.B.2 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. <i>If the response to Question VI.B.3 is "YES," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The plant contains an open storage pile, as defined in § 60.251, as an affected facility. <i>If the response to Question VI.B.4 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The open storage pile was constructed, reconstructed or modified after May 27, 2009.	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)	
◆ 1. The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired. <i>If the response to Question VI.C.1 is "NO" or "N/A," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005. <i>If the response to Question VI.C.2 is "NO," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 19	
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)	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>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.</p> </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
D. Subpart XX - Standards of Performance for Bulk Gasoline Terminals	
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>1. The application area includes bulk gasoline terminal loading racks. <i>If the response to Question VI.D.1 is "NO," go to Section VI.E.</i></p> </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>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.</p> </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>1. The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). <i>For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.</i></p> </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>2. The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011. <i>For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.H.</i></p> </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>3. The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD. <i>For SOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.H.</i></p> </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 20	
VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions (continued)	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> <p>4. Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD.</p> <p><i>For SOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.H.</i></p> </div> <div style="width: 20%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
◆	<p>5. Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below.</p>
F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants	
	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> <p>1. The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant.</p> <p><i>If the response to Question VI.F.1 is "NO," go to Section VI.G.</i></p> </div> <div style="width: 20%; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> <p>2. Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.</p> </div> <div style="width: 20%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems	
	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> <p>1. The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987.</p> <p><i>If the response to Question VI.G.1 is "NO," go to Section VI.H.</i></p> </div> <div style="width: 20%; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> <p>2. The application area includes storm water sewer systems.</p> </div> <div style="width: 20%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 21	
VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)	
3. The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes non-contact cooling water systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes individual drain systems. <i>If the response to Question VI.G.5 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes completely closed drain systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004	
◆ 1. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "NO," go to Question VI.H.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.H.4 is "NO," go to Section VI.I.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Federal Operating Permit Program

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 22		
VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004 (continued)		
◆	5. The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. <i>If the response to Question VI.H.5 is "NO," go to Question VI.H.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001		
◆	1. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "NO," go to Question VI.I.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 23		
VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)		
◆	3. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.I.4 is "NO," go to Section VI.J.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001. <i>If the response to Question VI.I.5 is "NO," go to VI.I.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 24		
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		
◆	<p>1. The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator.</p> <p><i>If the response to Question VI.J.1 is "N/A," go to Section VI.K. If the response to Question VI.J.1 is "NO," go to Question VI.J.4.</i></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>4. The application area includes at least one air curtain incinerator.</p> <p><i>If the response to Question VI.J.4 is "NO," go to Section VI.K.</i></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	<p>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.</p> <p><i>If the response to Question VI.J.5 is "NO," go to Question VI.J.7.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 25	
VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)	
J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)	
◆	8. All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
K. Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution	
◆	1. The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants	
A. Applicability	
◆	1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts. <i>If the response to Question VII.A.1 is "NO" or "N/A," go to Section VIII.</i>
	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
B. Subpart F - National Emission Standard for Vinyl Chloride	
	1. The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this section for GOP applications only)	
◆	1. The application area includes equipment in benzene service.
	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 26	
VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
D. Subpart L - National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants	
1. The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b). <i>If the response to Question VII.D.1 is "NO," go to Section VII.E.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.	<input type="checkbox"/> YES <input type="checkbox"/> NO
E. Subpart M - National Emission Standard for Asbestos	
Applicability	
1. The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155. <i>If the response to Question VII.E.1 is "NO," go to Section VII.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Roadway Construction	
2. The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Manufacturing Commercial Asbestos	
3. The application area includes a manufacturing operation using commercial asbestos. <i>If the response to Question VII.E.3 is "NO," go to Question VII.E.4.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Visible emissions are discharged to outside air from the manufacturing operation	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 27	
VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
<i>Manufacturing Commercial Asbestos (continued)</i>	
c. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
d. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
f. A high efficiency particulate air (HEPA) filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Asbestos Spray Application</i>	
4. The application area includes operations in which asbestos-containing materials are spray applied. <i>If the response to Question VII.E.4 is "NO," go to Question VII.E.5.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying. <i>If the response to Question VII.E.4.a is "YES," go to Question VII.E.5.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 28	
VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
<i>Asbestos Spray Application (continued)</i>	
d. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
f. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	<input type="checkbox"/> YES <input type="checkbox"/> NO
h. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Fabricating Commercial Asbestos</i>	
5. The application area includes a fabricating operation using commercial asbestos. <i>If the response to Question VII.E.5 is "NO," go to Question VII.E.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Visible emissions are discharged to outside air from the manufacturing operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
d. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 29	
VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
<i>Fabricating Commercial Asbestos (continued)</i>	
f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Non-sprayed Asbestos Insulation</i>	
6. The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Asbestos Conversion</i>	
7. The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities	
1. The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations	
1. The application area is located at a benzene production facility and/or bulk terminal. <i>If the response to Question VII.G.1 is "NO," go to Section VII.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes benzene transfer operations at marine vessel loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 30	
VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)	
3. The application area includes benzene transfer operations at railcar loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes benzene transfer operations at tank-truck loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Subpart FF - National Emission Standard for Benzene Waste Operations	
Applicability	
1. The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b). <i>If the responses to Questions VII.H.1 and VII.H.2 are both "NO," go to Section VIII.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates. <i>If the response to Question VII.H.3 is "YES," go to Section VIII.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagram per year (Mg/yr). <i>If the response to Question VII.H.4 is "YES," go to Section VIII</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr. <i>If the response to Question VII.H.5 is "YES," go to Section VIII.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 31	
VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Applicability (continued)	
6. The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has waste streams with flow-weighted annual average water content of 10% or greater.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Waste Stream Exemptions	
8. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
10. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
11. The application area transfers waste off-site for treatment by another facility.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
12. The application area is complying with 40 CFR § 61.342(d).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
13. The application area is complying with 40 CFR § 61.342(e). <i>If the response to Question VII.H.13 is "NO," go to Question VII.H.15.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
14. The application area has facility waste with a flow weighted annual average water content of less than 10%.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 32	
VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Container Requirements	
15. The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste. <i>If the response to Question VII.H.15 is "NO," go to Question VII.H.18.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
16. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VII.H.16 is "YES," go to Question VII.H.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Individual Drain Systems	
18. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste. <i>If the response to Question VII.H.18 is "NO," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
19. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VII.H.19 is "YES," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VII.H.20 is "NO," go to Question VII.H.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 33	
VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
<i>Individual Drain Systems (continued)</i>	
22. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VII.H.22 is "NO," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Remediation Activities</i>	
25. Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories	
A. Applicability	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63. <i>See instructions for 40 CFR Part 63 subparts made applicable only by reference.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry	
1. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.B.1 is "NO," go to Section VIII.D.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 34	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)	
2. The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii). <i>If the response to Question VIII.B.2 is "NO," go to Section VIII.D.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does <u>not</u> use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. <i>If the response to Questions VIII.B.3, B.4 and B.5 are all "NO," go to Section VIII.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 35	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater	
Applicability	
1. The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F. <i>If the response to Question VIII.C.1 is "NO," go to Section VIII.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148. <i>If the response to Question VIII.C.3 is "NO," go to Question VIII.C.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes vapor collection systems or closed-vent systems that are constructed of hard-piping.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere. <i>If the response to Question VIII.C.5 is "NO," go to Question VIII.C.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
Vapor Collection and Closed Vent Systems	
6. Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. Bypass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 36	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
<i>Reloading or Cleaning of Railcars, Tank Trucks, or Barges</i>	
8. The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank. <i>If the response to Question VIII.C.8 is "NO," go to Question VIII.C.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Transfer Racks</i>	
11. The application area includes Group 1 transfer racks that load organic HAPs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Process Wastewater Streams</i>	
12. The application area includes process wastewater streams. <i>If the response to Question VIII.C.12 is "NO," go to Question VIII.C.34.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. <i>If the response to Question VIII.C.13 is "NO," go to Question VIII.C.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. <i>If the response to Question VIII.C.15 is "NO," go to Question VIII.C.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 37	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
Process Wastewater Streams (continued)	
16. The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272. <i>If the response to Question VIII.C.17 is "NO," go to Question VIII.C.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. The application area includes process wastewater streams, located at existing sources that are Group 2.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 38	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
Process Wastewater Streams (continued)	
24. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.24 is "YES," go to Question VIII.C.34.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
25. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.25 is "NO," go to Question VIII.C.27.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
27. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
28. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.C.27 - VIII.C.28 are both "NO," go to Question VIII.C.30.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
29. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
30. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 39	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
<i>Drains</i>	
31. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.C.31 is "NO," go to Question VIII.C.34.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
32. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
33. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
34. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.C.34 is "NO," go to Question VIII.C.39.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
35. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.C.35 is "NO," go to Question VIII.C.39.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
36. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 40	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)	
Drains (continued)	
37. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
38. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(l)(1) or (l)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Gas Streams	
39. The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant.	<input type="checkbox"/> YES <input type="checkbox"/> NO
40. The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5).	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks	
1. The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 41	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
E. Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities	
1. The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials. <i>If the response to Question VIII.E.1 is "NO," go to Section VIII.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O. <i>If the response to Question VIII.E.2 is "NO," go to Section VIII.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Subpart Q - National Emission Standards for Industrial Process Cooling Towers	
1. The application area includes industrial process cooling towers. <i>If the response to Question VIII.F.1 is "NO," go to Section VIII.G.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. Chromium-based water treatment chemicals have been used on or after September 8, 1994.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)	
1. The application area includes a bulk gasoline terminal.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes a pipeline breakout station. <i>If the responses to Questions VIII.G.1 and VIII.G.2 are both "NO," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station. <i>If the response to Question VIII.G.3 is "YES," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 42	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)	
<p>4. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs. <i>If the response to Question VIII.G.4 is "YES," go to Question VIII.G.10.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>5. An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station. <i>If the response to Question VIII.G.5 is "NO," go to Question VIII.G.10.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>6. The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep). <i>If the response to Question VIII.G.6 is "NO," go to Question VIII.G.10.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>7. Emissions screening factor less than 0.5 (ET or EP < 0.5). <i>If the response to Question VIII.G.7 is "YES," go to Section VIII.H.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>8. Emissions screening factor greater than or equal to 0.5, but less than 1.0 ($0.5 \leq \text{ET or EP} < 1.0$). <i>If the response to Question VIII.G.8 is "YES," go to Section VIII.H.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>9. Emissions screening factor greater than or equal to 1.0 ($\text{ET or EP} \geq 1.0$). <i>If the response to Question VIII.G.9 is "YES," go to Question VIII.G.11.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>10. The site at which the application area is located is a major source of HAP. <i>If the response to Question VIII.G.10 is "NO," go to Section VIII.H.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>11. The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 43	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry	
1. The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2. <i>If the response to Question VIII.H.1 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3). <i>If the response to Question VIII.H.2 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources. <i>If the response to Question VIII.H.3 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes one or more kraft pulping systems that are existing sources.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24. <i>If the response to Question VIII.H.6 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 44	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
I. Subpart T - National Emission Standards for Halogenated Solvent Cleaning	
1. The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins	
1. The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units. <i>If the response to Question VIII.J.1 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U. <i>If the response to Question VIII.J.2 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 45	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)	
5. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.5 is "YES," go to Question VIII.J.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.6 is "NO," go to Question VIII.J.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.J.8 - VIII.J.9 are both "NO," go to Question VIII.J.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 46	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)	
Containers	
11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Drains	
12. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.J.12 is "NO," go to Question VIII.J.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit. <i>If the response to Question VIII.J.15 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12). <i>If the response to Question VIII.J.16 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 47	
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)	
<i>Drains (continued)</i>	
17. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
K. Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production	
1. The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area. <i>If the response to Question VIII.K.1 is "NO" or "N/A," go to Section VIII.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes a BLR and/or WSR research and development facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 48	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
L. Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting	
1. The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter. <i>If the response to Question VIII.L.1 is "NO" or "N/A," go to Section VIII.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources.	<input type="checkbox"/> YES <input type="checkbox"/> NO
M. Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations	
1. The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	
<i>Applicability</i>	
1. The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7). <i>If the response to Question VIII.N.1 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7). <i>If the response to Question VIII.N.2 is "YES," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 49	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
Applicability (continued)	
3. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.N.3 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC. <i>If the response to Question VIII.N.4 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. <i>If the response to Question VIII.N.7 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 50	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
Applicability (continued)	
9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Containers, 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).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations	
1. The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). <i>If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 51	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)	
4. The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10).	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a "state" or "municipality."	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The predominant activity in the application area is the treatment of wastewater received from off-site.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6).	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners).	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year. <i>If the response to Question VIII.O.10 is "YES," go to Section VIII.P.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 52	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)	
11. The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater. <i>If the response to Question VIII.O.11 is "NO," go to Question VIII.O.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. VOHAP concentration is determined by direct measurement.	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. VOHAP concentration is based on knowledge of the off-site material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system. <i>If the response to Question VIII.O.14 is "NO," go to Question VIII.O.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight.	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes containers that manage non-exempt off-site material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes individual drain systems that manage non-exempt off-site materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 53	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
P. Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities	
1. The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. <i>If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO
Q. Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.	
◆ 1. The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user. <i>For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.R.</i> <i>For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 3. The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. <i>For SOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.R.</i> <i>For GOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area is located at a site that is a major source of HAP. <i>If the response to Question VIII.Q.4 is "NO," go to Question VIII.Q.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 54		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)		
◆	<p>5. The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft³) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day.</p> <p><i>For SOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.R.</i></p> <p><i>For GOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.Z.</i></p> <p><i>For all applications, if the response to Question VIII.Q.5 is "NO," go to Question VIII.Q.9.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>6. The application area includes a triethylene glycol (TEG) dehydration unit.</p> <p><i>For SOP applications, if the answer to Question VIII.Q.6 is "NO," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "NO," go to Section VIII.Z.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>7. The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>8. The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>9. Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii).</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 55	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
R. Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)	
1. The application area includes shipbuilding or ship repair operations. <i>If the response to Question VIII.R.1 is "NO," go to Section VIII.S.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.	<input type="checkbox"/> YES <input type="checkbox"/> NO
S. Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations	
1. The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations. <i>If the response to Question VIII.S.1 is "NO" or "N/A," go to Section VIII.T.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.	<input type="checkbox"/> YES <input type="checkbox"/> NO
T. Subpart KK - National Emission Standards for the Printing and Publishing Industry	
1. The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
U. Subpart PP - National Emission Standards for Containers	
1. The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions. <i>If the response to Question VIII.U.1 is "NO," go to Section VIII.V.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes containers using Container Level 1 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes containers using Container Level 2 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 56	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
U. Subpart PP - National Emission Standards for Containers (continued)	
4. The application area includes containers using Container Level 3 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO
V. Subpart RR - National Emission Standards for Individual Drain Systems	
1. The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
1. The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process. <i>If the responses to Questions VIII.W.1 and VIII.W.2 are both "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.W.6 is "NO," go to Question VIII.W.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 57	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
7. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.W.8 and W.9 are both "NO," go to Question VIII.W.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.W.12 is "NO," go to Question VIII.W.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 58	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit. <i>If the response to Question VIII.W.15 is "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3). <i>If the response to Question VIII.W.16 is "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 59	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes an ethylene production process unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
21. The application area includes waste streams generated from an ethylene production process unit. <i>If the responses to Questions VIII.W.20 and VIII.W.21 are both "NO" or "N/A," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
22. The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1). <i>If the response to Question VIII.W.22 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. Waste stream(s) are transferred off-site for treatment. <i>If the response to Question VIII.W.23 is "NO," go to Question VIII.W.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. <i>If the response to Question VIII.W.24 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 60	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
25. The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR § 61.342(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b). <i>If the response to Question VIII.W.26 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
27. The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control. <i>If the response to Question VIII.W.27 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
28. The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s). <i>If the response to Question VIII.W.28 is "NO," go to Question VIII.W.33.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
29. The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
30. The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. <i>If the response to Question VIII.W.30 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
31. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 61	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
32. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. <i>If the response to Question VIII.W.32 is required, go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
33. The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream. <i>If the response to Question VIII.W.33 is "NO," go to Question VIII.W.36.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
34. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.34 is "YES," go to Question VIII.W.36.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
35. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
36. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream. <i>If the response to Question VIII.W.36 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
37. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.37 is "YES," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 62	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
38. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.38 is "NO," go to Question VIII.W.40.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
39. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
40. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.40 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
41. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
42. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
43. The application area has at least one waste stream that contains benzene. <i>If the response to Question VIII.W.43 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
44. The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene. <i>If the response to Question VIII.W.44 is "NO," go to Question VIII.W.47.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
45. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.45 is "YES," go to Question VIII.W.47.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 63	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
46. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
47. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene. <i>If the response to Question VIII.W.47 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
48. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.48 is "YES," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
49. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.49 is "NO," go to Question VIII.W.51.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
50. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
51. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.51 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
52. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 64	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
53. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
54. The application area contains a cyanide chemicals manufacturing process. <i>If the response to Question VIII.W.54 is "NO," go to Section VIII.X.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
55. The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	<input type="checkbox"/> YES <input type="checkbox"/> NO
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	
1. The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ. <i>If the response to Question VIII.X.1 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units. <i>If the response to Question VIII.X.2 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. All process wastewater streams generated or managed in the application area are from sources producing polystyrene. <i>If the response to Question VIII.X.3 is "YES," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. <i>If the response to Question VIII.X.4 is "YES," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 65	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
5. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.X.8 is "YES," go to Question VIII.X.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.X.9 is "NO," go to Question VIII.X.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.X.11 - VIII.X.12 are both "NO," go to Question VIII.X.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 66	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
13. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Containers	
14. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Drains	
15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.X.15 is "NO," go to Question VIII.X.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an thermoplastic product process unit. <i>If the response to Question VIII.X.18 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 67	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
Drains (continued)	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). <i>If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 68	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
Y. Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	
1. The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Z. Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.	
◆ 1. The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)	
1. The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP. <i>If the response to Question VIII.AA.1, AA.2 or AA.3 is "NO," go to Section VIII.BB.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF. <i>If the response to Question VIII.AA.4 is "NO," go to Section VIII.BB.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 69	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
5. The application area includes process wastewater streams. <i>If the response to Question VIII.AA.5 is "NO," go to Question VIII.AA.18.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes process wastewater streams 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, as appropriate, of 40 CFR Part 63, Subpart FFFF.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
7. The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.8 is "YES," go to Section VIII.AA.22.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.9 is "NO," go to Question VIII.AA.11.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 70	
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)	
13. Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). <i>If the response to Question VIII.AA.13 is "NO," go to Question VIII.AA.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected.	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite. <i>If the response to Question VIII.AA.15 is "NO," go to Question VIII.AA.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
19. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.AA.19 is "NO," go to Question VIII.AA.22.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
20. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 71	
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)	
21. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.AA.22 is "NO," go to Section VIII.BB.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
23. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.AA.23 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
24. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
25. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 72	
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)	
BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.	
1. The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation	
1. The application area includes a facility at which a site remediation is conducted. <i>If the answer to Question VIII.CC.1 is "NO," go to Section VIII.DD.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located at a site that is a major source of HAP. <i>If the answer to Question VIII.CC.2 is "NO," go to Section VIII.DD.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
3. All site remediation's qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). <i>If the answer to Question VIII.CC.3 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. <i>If the answer to Question VIII.CC.4 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The site remediation will be completed within 30 consecutive calendar days.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
6. No site remediation will exceed 30 consecutive calendar days. <i>If the answer to Question VIII.CC.6 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
7. Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
8. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. <i>If the answer to Question VIII.CC.8 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 73	
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)	
9. The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. <i>If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area includes containers with a capacity greater than 0.46 m ³ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
14. The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities	
1. The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions. <i>If the response to Question VIII.DD.1 is "NO," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The EAF steelmaking facility is a research and development facility. <i>If the response to Question VIII.DD.2 is "YES," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. Metallic scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. Scrap containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. Scrap not containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 74	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities	
1. The application area is located at a site that is an area source of HAPs. <i>If the answer to Question EE.1 is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. <i>If the answer to Question VIII.EE.4 is "NO," go to Question VIII.EE.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC. <i>If the answer to Question VIII.EE.6 is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The bulk gasoline terminal has throughput of less than 250,000 gallons per day. <i>If the answer to Question VIII.EE.7 is "YES," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The bulk gasoline terminal loads gasoline into railcar cargo tanks. <i>If the answer to Question VIII.EE.9 is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 75	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)	
11. The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
FF. Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities	
◆ 1. The application area is located at a site that is an area source of hazardous air pollutants. <i>If the answer to Question VIII.FF.1 is "NO," go to Section VIII.GG.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. <i>If the answer to Question VIII.FF.2 is "NO," go to Section VIII.GG.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
GG. Recently Promulgated 40 CFR Part 63 Subparts	
◆ 1. The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. <i>If the response to Question VIII.GG.1 is "NO," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 76	
IX. Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions	
A. Applicability	
◆ 1. The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone	
A. Subpart A - Production and Consumption Controls	
◆ 1. The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
B. Subpart B - Servicing of Motor Vehicle Air Conditioners	
◆ 1. Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances	
◆ 1. The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
D. Subpart D - Federal Procurement	
◆ 1. The application area is owned/operated by a department, agency, or instrumentality of the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
E. Subpart E - The Labeling of Products Using Ozone Depleting Substances	
◆ 1. The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 3. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

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Form OP-REQ1: Page 77	
X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)	
F. Subpart F - Recycling and Emissions Reduction	
◆	1. Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area.
	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The application area manufactures appliances or refrigerant recycling and recovery equipment.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
G. Subpart G - Significant New Alternatives Policy Program	
◆	1. The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound. <i>If the response to Question X.G.1 is "NO" or "N/A," go to Section X.H.</i>
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7).
	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
H. Subpart H -Halon Emissions Reduction	
◆	1. Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. Disposal of halons or manufacturing of halon blends is conducted in the application area.
	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
XI. Miscellaneous	
A. Requirements Reference Tables (RRT) and Flowcharts	
1.	The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart.
	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

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Form OP-REQ1: Page 78	
XI. Miscellaneous (continued)	
B. Forms	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> 1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <i>If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.</i> </div> <div style="width: 20%;"> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div>
◆	2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below. 40 CFR Part 63, Subpart GGGGG
C. Emission Limitation Certifications	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> 1. The application area includes units for which federally enforceable emission limitations have been established by certification. </div> <div style="width: 20%;"> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements	
	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> 1. The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP). </div> <div style="width: 20%;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> 2. The application area includes units located at the site that are subject to a site-specific requirement of the SIP. </div> <div style="width: 20%;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> 3. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. <i>If the response to Question XI.D.3 is "YES," please include a copy of the approval document with the application.</i> </div> <div style="width: 20%;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> 4. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. <i>If the response to Question XI.D.4 is "YES," please include a copy of the approval document with the application.</i> </div> <div style="width: 20%;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div>

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

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Permit No.:	TBD
RN No.:	RN100225945

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Form OP-REQ1: Page 79	
XI. Miscellaneous (continued)	
E. Title IV - Acid Rain Program	
1. The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
F. 40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO_x Ozone Season Group 2 Trading Program	
1. The application area includes emission units subject to the requirements of the CSAPR NO _x Ozone Season Group 2 Trading Program. <i>If the response to Question XI.F.1 is "NO," go to Question XI.F.7.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO _x and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO _x , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for NO _x , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for NO _x and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for NO _x and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes emission units that qualify for the CSAPR NO _x Ozone Season Group 2 retired unit exemption.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

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Form OP-REQ1: Page 80	
XI. Miscellaneous (continued)	
G. 40 CFR Part 97, Subpart FFFFF - Texas SO₂ Trading Program	
1. The application area includes emission units complying with the requirements of the Texas SO ₂ Trading Program. <i>If the response to Question XI.G.1 is "NO," go to Question XI.G.6.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO ₂ and 40 CFR Part 75, Subpart H for heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO ₂ and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for SO ₂ and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for SO ₂ and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes emission units that qualify for the Texas SO ₂ Trading Program retired unit exemption.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
H. Permit Shield (SOP Applicants Only)	
1. A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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Form OP-REQ1: Page 81		
XI. Miscellaneous (continued)		
I. GOP Type (Complete this section for GOP applications only)		
◆	1. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, Waller, and Wise Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
J. Title 30 TAC Chapter 101, Subchapter H		
◆	1. The application area is located in a nonattainment area. <i>If the response to Question XI.J.1 is "NO," go to question XI.J.3.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <div style="text-align: right;"><input type="checkbox"/> N/A</div>
◆	3. The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <div style="text-align: right;"><input type="checkbox"/> N/A</div>

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Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1
Federal Operating Permit Program

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

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Form OP-REQ1: Page 82		
XI. Miscellaneous (continued)		
J. Title 30 TAC Chapter 101, Subchapter H (continued)		
◆	4. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO _x .	☒ YES ☐ NO
◆	5. The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	☐ YES ☒ NO
◆	6. 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
◆	7. 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.	☐ YES ☒ NO
◆	2. The permit currently contains at least one periodic monitoring requirement. <i>If the responses to Questions XI.K.1 and XI.K.2 are both "NO," go to Section XI.L.</i>	☐ YES ☒ NO
◆	3. All periodic monitoring requirements are being removed from the permit with this application.	☐ YES ☐ NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

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Form OP-REQ1: Page 83		
XI. Miscellaneous (continued)		
L. Compliance Assurance Monitoring		
◆	1. The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. <i>If the response to Question XI.L.1 is "NO," go to Section XI.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. <i>If the response to Question XI.L.2 is "NO," go to Section XI.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application. <i>If the responses to Questions XI.L.3 and XI.L.4 are both "NO," go to Section XI.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
	5. The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	6. Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below.	
◆	7. At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). <i>If the response to Question XI.L.8 is "YES," go to Section XI.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

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Form OP-REQ1: Page 84	
XI. Miscellaneous (continued)	
L. Compliance Assurance Monitoring (continued)	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> 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. </div> <div style="width: 20%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> 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. </div> <div style="width: 20%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> 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. </div> <div style="width: 20%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> 12. The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass. </div> <div style="width: 20%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
M. Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> 1. The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004. <i>If the response to Question XI.M.1 is "NO," or "N/A," go to Section XII.</i> </div> <div style="width: 20%;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> 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. </div> <div style="width: 20%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
XII. New Source Review (NSR) Authorizations	
A. Waste Permits with Air Addendum	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> 1. The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. <i>If the response to XII.A.1 is "YES," include the waste permit numbers and issuance date in Section XII.J.</i> </div> <div style="width: 20%;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div>

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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Form OP-REQ1: Page 85		
XII. New Source Review (NSR) Authorizations (continued)		
B. Air Quality Standard Permits		
◆	1. The application area includes at least one Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.1 is "NO," go to Section XII.C. If the response to XII.B.1 is "YES," be sure to include the standard permit's registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes at least one "Installation and/or Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization under 30 TAC § 116.620.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	8. The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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Form OP-REQ1: Page 86		
XII. New Source Review (NSR) Authorizations (continued)		
B. Air Quality Standard Permits (continued)		
◆	11. The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	12. The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.12 is "NO," go to Question XII.B.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	13. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	14. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	15. The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	16. The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Flexible Permits		
	1. The application area includes at least one Flexible Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
D. Multiple Plant Permits		
	1. The application area includes at least one Multi-Plant Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Texas Commission on Environmental Quality
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Form OP-REQ1
Federal Operating Permit Program

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 87			
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)			
E. PSD Permits and PSD Major Pollutants			
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
<i>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.</i>			
F. Nonattainment (NA) Permits and NA Major Pollutants			
NA Permit No.: N268	Issuance Date: 1/11/2023	Pollutant(s): VOC	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
<i>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.</i>			
G. NSR Authorizations with FCAA § 112(g) Requirements			
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
◆ 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.: 153106	Issuance Date: 1/11/2023	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:

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

Date:	09/16/2024
Permit No.:	TBD
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 88	
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)	
◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area	
<i>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.</i>	
PBR No.: 106.263	Version No./Date: 11/01/2001
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
◆ J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

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

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

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
		B94P7LR4	OP-REQ2	30 TAC Chapter 115, Loading & Unloading of VOCs	115.10(46)	Does not load oil, gasoline, or other VOL; therefore, does not meet the definition of a transport vessel
		B94P7DU611	OP-REQ2	40 CFR Part 60, Subpart NNN	60.660(a)	Process unit does not produce any of the chemicals listed in 60.707 as a product, co-product, byproduct, or intermediate.
		B94P7PV15S	OP-REQ2	30 TAC Chapter 115, Vent Gas Control	115.121(a)(1)	Vent gas stream does not contain any VOCs
		B94P7PV211	OP-REQ2	30 TAC Chapter 115, Vent Gas Control	115.121(a)(1)	Vent gas stream does not contain any VOCs
		B94P7PV412	OP-REQ2	30 TAC Chapter 115, Vent Gas Control	115.121(a)(1)	Vent gas stream does not contain any VOCs
		B94P7RX211A	OP-REQ2	40 CFR Part 60, Subpart III	60.610(a)	Process unit does not produce any of the chemicals listed in 60.617 as a product, co-product, byproduct, or intermediate.
		B94P7RX211A	OP-REQ2	40 CFR Part 60, Subpart RRR	60.700(a)	Process unit does not produce any of the chemicals listed in 60.607 as a product, co-product, byproduct, or intermediate
		B94P7RX211B	OP-REQ2	40 CFR Part 60, Subpart III	60.610(a)	Process unit does not produce any of the chemicals listed in 60.617 as a product, co-product, byproduct, or intermediate.
		B94P7RX211B	OP-REQ2	40 CFR Part 60, Subpart RRR	60.700(a)	Process unit does not produce any of the chemicals listed in 60.607 as a product, co-product, byproduct, or intermediate

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

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

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
		B94P7ST002	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Does not store VOC
		B94P7ST003	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Does not store VOC
		B94P7ST004	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	Storage capacity less than or equal to 1,000 gallons
		B94P7ST005	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	Storage capacity less than or equal to 1,000 gallons
		B94P7ST006	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	Storage capacity less than or equal to 1,000 gallons
		B94P7ST007	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	Storage capacity less than or equal to 1,000 gallons
		B94P7ST211	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.110(b)(12)	Does not meet the definition of a storage tank because it is a surge control vessel
		B94P7ST306	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.110(b)(12)	Does not meet the definition of a storage tank because it is a surge control vessel
		B94P7ST306	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage capacity is less than 19,800 gallons
		B94P7ST307	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.110(b)(12)	Does not meet the definition of a storage tank because it is a surge control vessel
		B94P7ST307	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage capacity is less than 19,800 gallons

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

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

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
		B94P7ST315	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)	Does not store VOC
		B94P7ST315	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage capacity is less than 19,800 gallons
		B94P7ST316	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)	Does not store VOC
		B94P7ST316	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage capacity is less than 19,800 gallons
		B94P7ST317	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)	Does not store VOC
		B94P7ST317	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage capacity is less than 19,800 gallons
		B94P7ST318A	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)	Does not store VOC
		B94P7ST318A	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage capacity is less than 19,800 gallons
		B94P7ST318B	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)	Does not store VOC
		B94P7ST318B	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage capacity is less than 19,800 gallons
		B94P7ST319	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)	Does not store VOC
		B94P7ST319	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage capacity is less than 19,800 gallons
		B94P7ST326	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)	Does not store VOC

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

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

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
		B94P7ST326	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage capacity is less than 19,800 gallons
		B94P7ST515	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)	Does not store VOC
		B94P7ST515	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage capacity is less than 19,800 gallons
		B94P7ST516	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)	Does not store VOC
		B94P7ST516	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage capacity is less than 19,800 gallons
		B94P7ST517	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)	Does not store VOC
		B94P7ST517	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage capacity is less than 19,800 gallons
		B94P7UL10	OP-REQ2	30 TAC Chapter 115, Loading & Unloading of VOCs	115.212(a)	Transfer operation does not contain VOCs
		B94P7UL11	OP-REQ2	30 TAC Chapter 115, Loading & Unloading of VOCs	115.10(46)	Does not have a storage tank having a capacity > 1,000 gallons; therefore, it does not meet the definition of a transport vessel
		B94P7UL12	OP-REQ2	30 TAC Chapter 115, Loading & Unloading of VOCs	115.10(46)	Does not have a storage tank having a capacity > 1,000 gallons; therefore, it does not meet the definition of a transport vessel
		B94P7UL13	OP-REQ2	30 TAC Chapter 115, Loading & Unloading of VOCs	115.10(46)	Does not have a storage tank having a capacity > 1,000 gallons; therefore, it does not meet the definition of a transport vessel

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

Date	Permit No.	Regulated Entity No.
09/16/2024	TBD	RN100225945

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
		B94P7UL14	OP-REQ2	30 TAC Chapter 115, Loading & Unloading of VOCs	115.10(46)	Does not have a storage tank having a capacity > 1,000 gallons; therefore, it does not meet the definition of a transport vessel
		B94P7UL15	OP-REQ2	30 TAC Chapter 115, Loading & Unloading of VOCs	115.10(46)	Does not have a storage tank having a capacity > 1,000 gallons; therefore, it does not meet the definition of a transport vessel
		B94P7UL3	OP-REQ2	30 TAC Chapter 115, Loading & Unloading of VOCs	115.212(a)	Transfer operation does not contain VOCs
		B94P7UL4	OP-REQ2	30 TAC Chapter 115, Loading & Unloading of VOCs	115.212(a)	Transfer operation does not contain VOCs
		B94P7UL5	OP-REQ2	30 TAC Chapter 115, Loading & Unloading of VOCs	115.10(46)	Does not have a storage tank having a capacity > 1,000 gallons; therefore, it does not meet the definition of a transport vessel
		B94P7UL7	OP-REQ2	30 TAC Chapter 115, Loading & Unloading of VOCs	115.212(a)	Transfer operation does not contain VOCs
		B94P7UL8	OP-REQ2	30 TAC Chapter 115, Loading & Unloading of VOCs	115.212(a)	Transfer operation does not contain VOCs
		B94P7UL9	OP-REQ2	30 TAC Chapter 115, Loading & Unloading of VOCs	115.212(a)	Transfer operation does not contain VOCs

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	B94P7CT1	OP-UA13	R5760-01	HRVOC	30 TAC Chapter 115, HRVOC – Cooling Towers	115.767(6), 115.764(e)(2), 115.766(i)
	B94P7CT1	OP-UA13	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2490(a)-Table 10 item (b), 63.2490(a)-(d), 63.104(a)(1), (a)(5)
	B94P7DU713	OP-UA15	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2455(a)-Table 1.1.a.ii, 63.2450(a)-(2), (b), 63.2450(e)(4)-(6), (g)(7), (k)(8), (u), 63.2455(a), (b), 63.2455(b)(1), 63.2525(m), 63.983(a)(1)-(3), 63.983(a)(3)(i)-(ii), (d)(1), (d)(1)(i), [G](d)(2), (d)(3)
	B94P7F1	OP-UA7	R1111-01	PM (Opacity)	30 TAC Chapter 111, Visible Emissions	111.111(a)(4)(A)
	B94P7F1	OP-UA7	60A-01	VOC	40 CFR Part 60, Subpart A	60.18(b), 60.18(c)(1)-(2), (c)(3)(ii), (c)(5)-(6), (e)
	B94P7F1	OP-UA7	63A-01	HAPS	40 CFR Part 63, Subpart A	63.11(b)(4), 63.11(b)(1)-(3), (b)(5), (b)(6)(ii), (b)(8)
	B94P7F1	OP-UA7	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control – Flare	115.722(d), 115.722(d)(1)-(2), [G]115.725(d)(1), 115.725(d)(2), (d)(2)(A)(i), [G](d)(2)(A)(ii), 115.725(d)(2)(A)(iii)-(iv), (d)(2)(B), 115.725(d)(2)(B)(i)-(iv), [G](l), (m)(2)(A)-(B)
	B94P7F1	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.123(a)(1), 115.910
	B94P7F1	OP-UA15	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2455(a)-Table 1.1.a.ii, 63.2450(a)-(2), (b), 63.2450(e)(4)-(6), (g)(7), (k)(8), (u), 63.2455(a), (b), 63.2455(b)(1), 63.2525(m), 63.983(a)(1)-(3), 63.983(a)(3)(i)-(ii), (d)(1), (d)(1)(i), [G](d)(2), (d)(3)
	B94P7FU1	OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	ALL

TCEQ-10018 (APDG 5939v2, Revised 06/15) OP-REQ3

This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V Release 11/08)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	B94P7FU1	OP-UA12	60DDD-ALL	VOC	40 CFR Part 60, Subpart DDD	ALL
	B94P7FU1	OP-UA12	R5780-ALL	HRVOC	30 TAC Chapter 115, HRVOC – Fugitives	ALL
	B94P7FU1	OP-UA1	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2480(a)-Table 6.1.a.ii, 63.162(a), (c), [G]63.162(g), (h), [G]63.171, 63.2435(a)-(b), (b)(1), 63.2435(b)(1)(i)-(ii), (b)(2)-(3), 63.2440(a)-(b), 63.2445(b), (d), (g), (g)(1), (g)(4), (h), 63.2450(a), 63.2450(a)(2), (g)(7), 63.2480(a)-(b), (b)(3), 63.2480(b)(5)-(6), (e), (e)(1), (e)(2)(ii), [G](e)(3)-(7), 63.2480(f)(1)-(3), [G]63.2535(k), 63.2540
	B94P7FU1	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Connectors in Heavy Liquid Service)	[G]63.169, 63.162(a), (c), [G](f)-(g), (h), [G]63.171
	B94P7FU1	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Valves in Heavy Liquid Service)	[G]63.169, 63.162(a), (c), [G](f)-(g), (h), [G]63.171
	B94P7FU1	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Agitators in Heavy Liquid Service)	[G]63.169, 63.162(a), (c), [G](f)-(g), (h), [G]63.171
	B94P7FU1	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Instrumentation Systems)	[G]63.169, 63.162(a), (c), [G](f)-(g), (h), [G]63.171
	B94P7FU1	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Pressure Relief Device in Liquid Service)	[G]63.169, 63.162(a), (c), [G](f)-(g), (h), [G]63.171
	B94P7FU1	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Surge Control Vessels and Bottoms Receivers)	63.170, 63.162(a), (c), [G](g), (h), [G]63.171

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	B94P7FU1	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Agitators in Gas/Vapor and Light Liquid Service)	[G]63.173, 63.162(a), (c), [G](f)-(g), (h), [G]63.171
	B94P7FU1	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Connectors in Gas/Vapor Service)	[G]63.174, 63.162(a), (c), [G](f)-(g), (h), [G]63.171
	B94P7FU1	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Pumps in Heavy Liquid Service)	[G]63.169, 63.162(a), (c), [G](f)-(g), (h), [G]63.171
	B94P7FU1	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (HAP service less than 300 hours per year)	63.162(e), 63.162(a), (c), [G](g), (h)
	B94P7FU1	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Compressors)	[G]63.164, 63.162(a), (c), [G](f)-(g), (h), [G]63.171
	B94P7FU1	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Pressure Relief Devices in Gas/Vapor Service)	[G]63.165, 63.162(a), (c), [G](g), (h), [G]63.171
	B94P7FU1	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Sampling Connection Systems)	[G]63.166, 63.162(a), (c), [G](g), (h), [G]63.171
	B94P7FU1	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Valves in Gas/Vapor and Light Liquid Service)	[G]63.168, 63.162(a), (c), [G](f)-(g), (h), [G]63.171, [G]63.175
	B94P7FU1	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Open-ended Valves or Lines)	[G]63.167, 63.162(a), (c), [G](g), (h), [G]63.171, [G]63.175
	B94P7FU1	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Pumps in Light Liquid Service)	[G]63.163, 63.162(a), (c), [G](f)-(g), (h), [G]63.171, [G]63.176
	B94P7FU2	OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	ALL

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	B94P7FU2	OP-UA12	60DDD-ALL	VOC	40 CFR Part 60, Subpart DDD	ALL
	B94P7FU2	OP-UA12	R5780-ALL	HRVOC	30 TAC Chapter 115, HRVOC – Fugitives	ALL
	B94P7FU2	OP-UA1	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2480(a)-Table 6.1.a.ii, 63.162(a), (c), [G]63.162(g), (h), [G]63.171, 63.2435(a)-(b), (b)(1), 63.2435(b)(1)(i)-(ii), (b)(2)-(3), 63.2440(a)-(b), 63.2445(b), (d), (g), (g)(1), (g)(4), (h), 63.2450(a), 63.2450(a)(2), (g)(7), 63.2480(a)-(b), (b)(3), 63.2480(b)(5)-(6), (e), (e)(1), (e)(2)(ii), [G](e)(3)-(7), 63.2480(f)(1)-(3), [G]63.2535(k), 63.2540
	B94P7FU2	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Connectors in Heavy Liquid Service)	[G]63.169, 63.162(a), (c), [G](f)-(g), (h), [G]63.171
	B94P7FU2	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Valves in Heavy Liquid Service)	[G]63.169, 63.162(a), (c), [G](f)-(g), (h), [G]63.171
	B94P7FU2	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Agitators in Heavy Liquid Service)	[G]63.169, 63.162(a), (c), [G](f)-(g), (h), [G]63.171
	B94P7FU2	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Instrumentation Systems)	[G]63.169, 63.162(a), (c), [G](f)-(g), (h), [G]63.171
	B94P7FU2	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Pressure Relief Device in Liquid Service)	[G]63.169, 63.162(a), (c), [G](f)-(g), (h), [G]63.171
	B94P7FU2	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Surge Control Vessels and Bottoms Receivers)	63.170, 63.162(a), (c), [G](g), (h), [G]63.171

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	B94P7FU2	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Agitators in Gas/Vapor and Light Liquid Service)	[G]63.173, 63.162(a), (c), [G](f)-(g), (h), [G]63.171
	B94P7FU2	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Connectors in Gas/Vapor Service)	[G]63.174, 63.162(a), (c), [G](f)-(g), (h), [G]63.171
	B94P7FU2	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Pumps in Heavy Liquid Service)	[G]63.169, 63.162(a), (c), [G](f)-(g), (h), [G]63.171
	B94P7FU2	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (HAP service less than 300 hours per year)	63.162(e), 63.162(a), (c), [G](g), (h)
	B94P7FU2	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Compressors)	[G]63.164, 63.162(a), (c), [G](f)-(g), (h), [G]63.171
	B94P7FU2	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Pressure Relief Devices in Gas/Vapor Service)	[G]63.165, 63.162(a), (c), [G](g), (h), [G]63.171
	B94P7FU2	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Sampling Connection Systems)	[G]63.166, 63.162(a), (c), [G](g), (h), [G]63.171
	B94P7FU2	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Valves in Gas/Vapor and Light Liquid Service)	[G]63.168, 63.162(a), (c), [G](f)-(g), (h), [G]63.171, [G]63.175
	B94P7FU2	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Open-ended Valves or Lines)	[G]63.167, 63.162(a), (c), [G](g), (h), [G]63.171, [G]63.175
	B94P7FU2	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H (Pumps in Light Liquid Service)	[G]63.163, 63.162(a), (c), [G](f)-(g), (h), [G]63.171, [G]63.176

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	B94P7H510	OP-UA5	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	117.310(d)(3), 117.310(a), (a)(8)(A)(i), (b), [G]117.310(e)(1), (e)(2), [G](e)(3), (e)(4), 117.340(l)(2), (p)(1), (p)(2)(C), (p)(3)
	B94P7H510	OP-UA5	R7ICI-01	CO	30 TAC Chapter 117, Subchapter B	117.310(c)(1), 117.310(c)(1)(B), (c)(3)
	B94P7H510	OP-UA5	63DDDDDD-01	HAPS	40 CFR Part 63, Subpart DDDDD	63.7500(a)(1)-Table 3.3, 63.7500(a)(1), (a)(3), 63.7505(a), 63.7540(a), (a)(1), [G](a)(10), (a)(13)
	B94P7H510	OP-UA6	60Dc-01	SO ₂	40 CFR Part 60, Subpart Dc	60.40c(a)
	B94P7H510	OP-UA6	60Dc-01	PM	40 CFR Part 60, Subpart Dc	60.40c(a)
	B94P7H510	OP-UA6	60Dc-01	PM (Opacity)	40 CFR Part 60, Subpart Dc	60.40c(a)
	B94P7H510	OP-UA15	R1111-01	PM (Opacity)	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(B), 111.111(a)(1)(E)
	B94P7H510	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.121(a)(1), 115.122(a)(1), (a)(1)(A)
	B94P7H510	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(f), 115.725(a)(2)(A)-(D), (a)(3), [G](a)(4), [G]115.725(l), 115.726(a)(2)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	B94P7KO81	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.121(a)(1), 115.122(a)(1), (a)(1)(B)
	B94P7KO81	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(f), 115.722(d), (d)(1)-(2)
	B94P7LR3	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.213(b), 115.212(a)(3)(B), (a)(3)(E), 115.213(b)(1), (b)(4), [G](b)(6), 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(ii), 60.18
	B94P7LR3	OP-UA4	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2475(a)-Table 5.1.b, 63.2450(b), 63.2475(a), 63.982(b), 63.983(a)(1)-(3), (a)(3)(i)-(ii), (d)(1), 63.983(d)(1)(i), [G](d)(2), (d)(3), 63.987(a), (b)(1), 63.987(b)(3), [G]63.997(c)(1), (c)(3), 63.11(b)
	B94P7PV300	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(A), [G]115.122(a)(4), 115.127(a)(2)
	B94P7PV410	OP-UA15	R1111-01	PM (Opacity)	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(B), (a)(1)(E)
	B94P7PV410	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(B), [G]115.122(a)(4), 115.127(a)(2)
	B94P7PV410	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(c)(2)
	B94P7PV443	OP-UA15	R1111-01	PM (Opacity)	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(B), (a)(1)(E)
	B94P7PV443	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(B), [G]115.122(a)(4), 115.127(a)(2)
	B94P7PV443	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(c)(2)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	B94P7PV51A	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(B), [G]115.122(a)(4), 115.127(a)(2)
	B94P7PV51A	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(c)(2)
	B94P7PV51A	OP-UA15	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2455(b), 63.2455(b)(1)-(3)
	B94P7PV51B	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(B), [G]115.122(a)(4), 115.127(a)(2)
	B94P7PV51B	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(c)(2)
	B94P7PV51B	OP-UA15	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2455(b), 63.2455(b)(1)-(3)
	B94P7PV511	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(f), 115.725(a)(2)(A)-(D), (a)(3), [G](a)(4), [G]115.725(l), 115.726(a)(2)
	B94P7PV516	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(B), [G]115.122(a)(4), 115.127(a)(2)
	B94P7PV517	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(B), [G]115.122(a)(4), 115.127(a)(2)
	B94P7PV521	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(B), [G]115.122(a)(4), 115.127(a)(2)
	B94P7PV521	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(c)(2)
	B94P7PV521A	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(f), 115.725(a)(2)(A)-(D), (a)(3), [G](a)(4), [G]115.725(l), 115.726(a)(2)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	B94P7PV521B	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(f), 115.725(a)(2)(A)-(D), (a)(3), [G](a)(4), [G]115.725(l), 115.726(a)(2)
	B94P7PV7511A	OP-UA15	R1111-01	PM (Opacity)	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(B), (a)(1)(E)
	B94P7PV7511B	OP-UA15	R1111-01	PM (Opacity)	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(B), (a)(1)(E)
	B94P7PV808	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(B), [G]115.122(a)(4), 115.127(a)(2)
	B94P7PV921	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(B), [G]115.122(a)(4), 115.127(a)(2)
	B94P7PV921	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(c)(2)
	B94P7PV922	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(B), [G]115.122(a)(4), 115.127(a)(2)
	B94P7PV922	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(c)(2)
	B94P7PV923	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(B), [G]115.122(a)(4), 115.127(a)(2)
	B94P7PV923	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(c)(2)
	B94P7PV924	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(B), [G]115.122(a)(4), 115.127(a)(2)
	B94P7PV924	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(c)(2)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	B94P7PV925	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(B), [G]115.122(a)(4), 115.127(a)(2)
	B94P7PV925	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(c)(2)
	B94P7PV926	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(B), [G]115.122(a)(4), 115.127(a)(2)
	B94P7PV926	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(c)(2)
	B94P7PV927	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(B), [G]115.122(a)(4), 115.127(a)(2)
	B94P7PV927	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(c)(2)
	B94P7PV928	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(B), [G]115.122(a)(4), 115.127(a)(2)
	B94P7PV928	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(c)(2)
	B94P7PV990A	OP-UA15	R1111-01	PM (Opacity)	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(B), (a)(1)(E)
	B94P7PV990A	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(B), [G]115.122(a)(4), 115.127(a)(2)
	B94P7PV990A	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(c)(2)
	B94P7PV990B	OP-UA15	R1111-01	PM (Opacity)	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(B), (a)(1)(E)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	B94P7PV990B	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(B), [G]115.122(a)(4), 115.127(a)(2)
	B94P7PV990B	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(c)(2)
	B94P7PV991A	OP-UA15	R1111-01	PM (Opacity)	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(B), (a)(1)(E)
	B94P7PV991A	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(B), [G]115.122(a)(4), 115.127(a)(2)
	B94P7PV991A	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(c)(2)
	B94P7PV991B	OP-UA15	R1111-01	PM (Opacity)	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(B), (a)(1)(E)
	B94P7PV991B	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(B), [G]115.122(a)(4), 115.127(a)(2)
	B94P7PV991B	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(c)(2)
	B94P7PV992A	OP-UA15	R1111-01	PM (Opacity)	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(B), (a)(1)(E)
	B94P7PV992A	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(B), [G]115.122(a)(4), 115.127(a)(2)
	B94P7PV992A	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(c)(2)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	B94P7PV992B	OP-UA15	R1111-01	PM (Opacity)	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(B), (a)(1)(E)
	B94P7PV992B	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(B), [G]115.122(a)(4), 115.127(a)(2)
	B94P7PV992B	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(c)(2)
	B94P7PV993A	OP-UA15	R1111-01	PM (Opacity)	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(B), (a)(1)(E)
	B94P7PV993A	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(B), [G]115.122(a)(4), 115.127(a)(2)
	B94P7PV993A	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(c)(2)
	B94P7PV993B	OP-UA15	R1111-01	PM (Opacity)	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(B), (a)(1)(E)
	B94P7PV993B	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(B), [G]115.122(a)(4), 115.127(a)(2)
	B94P7PV993B	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC – Vent Gas Control	115.727(c)(2)
	B94P7SP808	OP-UA14	R5132-01	VOC	30 TAC Chapter 115, Water Separation	115.132(a)(1)
	B94P7ST311	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	B94P7ST311	OP-UA3	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2470(a)-Table 4.1.b.iii, 63.2450(b), 63.2470(a), 63.2470(d), 63.982(b), 63.983(a)(1)-(3), (a)(3)(i)-(ii), 63.983(d)(1), (d)(1)(i), [G](d)(2), (d)(3), 63.987(a), 63.987(b)(1), (b)(3), [G]63.997(c)(1), (c)(3), 63.11(b)
	B94P7ST321	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B94P7ST321	OP-UA3	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2470(a)-Table 4.1.b.iii, 63.2450(b), 63.2470(a), 63.2470(d), 63.982(b), 63.983(a)(1)-(3), (a)(3)(i)-(ii), 63.983(d)(1), (d)(1)(i), [G](d)(2), (d)(3), 63.987(a), 63.987(b)(1), (b)(3), [G]63.997(c)(1), (c)(3), 63.11(b)
	B94P7ST412	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B94P7ST412	OP-UA3	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2470(a)-Table 4.1.b.iii, 63.2450(b), 63.2470(a), 63.2470(d), 63.982(b), 63.983(a)(1)-(3), (a)(3)(i)-(ii), 63.983(d)(1), (d)(1)(i), [G](d)(2), (d)(3), 63.987(a), 63.987(b)(1), (b)(3), [G]63.997(c)(1), (c)(3), 63.11(b)
	B94P7ST413	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B94P7ST413	OP-UA3	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2470(a)-Table 4.1.b.iii, 63.2450(b), 63.2470(a), 63.2470(d), 63.982(b), 63.983(a)(1)-(3), (a)(3)(i)-(ii), 63.983(d)(1), (d)(1)(i), [G](d)(2), (d)(3), 63.987(a), 63.987(b)(1), (b)(3), [G]63.997(c)(1), (c)(3), 63.11(b)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	B94P7ST414	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B94P7ST414	OP-UA3	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2470(a)-Table 4.1.b.iii, 63.2450(b), 63.2470(a), 63.2470(d), 63.982(b), 63.983(a)(1)-(3), (a)(3)(i)-(ii), 63.983(d)(1), (d)(1)(i), [G](d)(2), (d)(3), 63.987(a), 63.987(b)(1), (b)(3), [G]63.997(c)(1), (c)(3), 63.11(b)
	B94P7ST419	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(B), [G]115.122(a)(4), 115.127(a)(2)
	B94P7ST511	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B94P7ST611	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B94P7ST611	OP-UA3	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2470(a)-Table 4.1.b.iii, 63.2450(b), 63.2470(a), 63.2470(d), 63.982(b), 63.983(a)(1)-(3), (a)(3)(i)-(ii), 63.983(d)(1), (d)(1)(i), [G](d)(2), (d)(3), 63.987(a), 63.987(b)(1), (b)(3), [G]63.997(c)(1), (c)(3), 63.11(b)
	B94P7ST809	OP-UA3	60Kb-01	VOC	40 CFR Part 60, Subpart Kb	60.112b(a)(3), 60.18
	B94P7ST809	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), (e)(3), (e)(3)(C), 60.18

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	B94P7ST809	OP-UA3	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2470(a)-Table 4.1.b.iii, 63.2450(b), 63.2470(a), 63.2470(d), 63.982(b), 63.983(a)(1)-(3), (a)(3)(i)-(ii), 63.983(d)(1), (d)(1)(i), [G](d)(2), (d)(3), 63.987(a), 63.987(b)(1), (b)(3), [G]63.997(c)(1), (c)(3), 63.11(b)
	B94P7ST812	OP-UA3	60Kb-01	VOC	40 CFR Part 60, Subpart Kb	60.110b(a)
	B94P7ST812	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B94P7ST812	OP-UA3	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2470(a)-Table 4.1.b.iii, 63.2450(b), 63.2470(a), 63.2470(d), 63.982(b), 63.983(a)(1)-(3), (a)(3)(i)-(ii), 63.983(d)(1), (d)(1)(i), [G](d)(2), (d)(3), 63.987(a), 63.987(b)(1), (b)(3), [G]63.997(c)(1), (c)(3), 63.11(b)
	B94P7ST816	OP-UA3	60Kb-01	VOC	40 CFR Part 60, Subpart Kb	60.112b(a)(3), 60.18
	B94P7ST816	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), (e)(3), (e)(3)(C), 60.18
	B94P7ST816	OP-UA3	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2470(a)-Table 4.1.b.iii, 63.2450(b), 63.2470(a), 63.2470(d), 63.982(b), 63.983(a)(1)-(3), (a)(3)(i)-(ii), 63.983(d)(1), (d)(1)(i), [G](d)(2), (d)(3), 63.987(a), 63.987(b)(1), (b)(3), [G]63.997(c)(1), (c)(3), 63.11(b)
	B94P7UL1	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(i)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	B94P7UL11	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(i)
	B94P7UL12	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(i)
	B94P7UL13	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(i)
	B94P7UL14	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(i)
	B94P7UL15	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(i)
	B94P7UL2	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(i)
	B94P7UL3	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(i)
	B94P7UL4	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(i)
	B94P7UL5	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(i)
	B94P7UL6	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(i)
	B94P7UL7	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(i)
	B94P7UL8	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(i)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	B94P7UL9	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(i)
	PROPP7A	OP-UA60	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2460(a), 63.2450(a), (a)(2), (b), (e)(4)-(6), (g)(7), 63.2450(k)(8), (u)-(v), 63.2460(b)(5), (c)(7), 63.2535(m), 63.983(a)(1)-(3), (a)(3)(i)-(ii), (d)(1), 63.983(d)(1)(i), [G](d)(2), (d)(3)
	PROPP7B	OP-UA60	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2460(a), 63.2450(a), (a)(2), (b), (e)(4)-(6), (g)(7), 63.2450(k)(8), (u), (v), 63.2460(b)(5), (c)(7), 63.2535(m), 63.983(a)(1)-(3), (a)(3)(i)-(ii), (d)(1) 63.983(d)(1)(i), [G](d)(2), (d)(3)
	PROP7DDD1A	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(g)
	PROP7DDD1B	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(g)
	PROP7DDD2	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD3	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD4	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD5	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD6	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	PROP7DDD7	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD8	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD9	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD10	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD11	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD12	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD13	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD14	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD15	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD16	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD17	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD18	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	PROP7DDD19	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD20	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD21	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD22	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD23	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD24	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD25	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD26	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD27	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD28	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD29	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD30	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	PROP7DDD31	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD32	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD33	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD34	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD35	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD36	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD37	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD38	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD39	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD40	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD41	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD42	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	PROP7DDD43	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD44	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD45	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD46	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD47	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)
	PROP7DDD48	OP-UA28	60DDD-01	VOC	40 CFR Part 60, Subpart DDD	60.560(h)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B94P7CT1	R5760-01	HRVOC	115.764(a)(3), [G](a)(6), (c), (e)(2), 115.764(f)	115.766(a)(1)-(3), (a)(5)-(6), (c), [G]115.766(f)-(g), 115.766(i)(1)	115.766(i)(2)
	B94P7CT1	63FFFF-01	HAPS	63.2490(d)	63.2525(r)	NONE
	B94P7DU713	63FFFF-01	HAPS	63.2450(g)(6), [G]63.115(d)(2)(v), 63.983(a)(3), (a)(3)(i)-(ii), (b), [G]63.983(b)(1)-(4), [G](c)(1), 63.983(c)(2)-(3), (d)(1), (d)(1)(ii)	63.2450(k)(1)(ii), (k)(7), 63.2525(l)-(n), 63.983(a)(3)(i)-(ii), (b), [G](d)(2), [G]63.998(d)(1)	63.2450(g)(5), 63.2520(d)(3), (e), 63.2520(e)(11)-(12), 63.999(c)(2)(i)-(iii)
	B94P7F1	R1111-01	PM (Opacity)	111.111(a)(4)(A)(i)-(ii)	111.111(a)(4)(A)(ii)	NONE
	B94P7F1	60A-01	VOC	60.18(d), (f)(1)-(3), (f)(6)	NONE	NONE
	B94P7F1	63A-01	HAPS	63.11(b)(4)-(5)	NONE	NONE
	B94P7F1	R5720-01	HRVOC	[G]115.725(d)(1), (d)(2), 115.725(d)(2)(A)(i), [G]115.725(d)(2)(A)(ii), 115.725(d)(2)(A)(iii)-(iv), 115.725(d)(2)(B), (d)(2)(B)(i)-(iv), 115.725(d)(3)-(7), [G](l), (m)(1), 115.725(m)(2)(A)-(B), (n)	115.726(a)(1), (a)(1)(A), 115.726(d)(1)-(4), (i), (j)(1)-(2)	115.725(n), 115.726(a)(1)(B)
	B94P7F1	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2)	NONE
	B94P7F1	63FFFF-01	HAPS	63.2450(g)(6), 63.983(a)(3), 63.983(a)(3)(i)-(ii), (b), [G]63.983(b)(1)-(4), [G](c)(1), 63.983(c)(2)-(3), (d)(1), (d)(1)(ii) [G]63.115(d)(2)(v)	63.2450(k)(1)(ii), (k)(7), 63.2525(l)-(n), 63.983(a)(3)(i)-(ii), 63.983(b), [G](d)(2), [G]63.998(d)(1)	63.2520(d)(3), (e), (e)(11)-(12), 63.999(c)(2)(i)-(iii)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B94P7FU1	R5352-ALL	VOC	ALL	ALL	ALL
	B94P7FU1	60DDD-ALL	VOC	ALL	ALL	ALL
	B94P7FU1	R5780-ALL	HRVOC	ALL	ALL	ALL
	B94P7FU1	63FFFF-01	HAPS	[G]63.180(b)-(d), 63.2480(b)(7), 63.2480(e)(2)(ii), [G](e)(2)-(5)	63.181(a), [G](b), (c), [G](f), 63.2445(g)(7), 63.2525(a), [G](b), 63.2525(f), (j), [G](p), [G](q), (t), 63.2525(u)(1)-(3)	[G]63.182(a)-(b), (c), [G](c)(1), (c)(4), [G]63.182(d), 63.2445(c), (g)(7), 63.2450(m)(1)-(3), 63.2515(a), (b)(1), 63.2515(d), 63.2520(a), Table 11.1-11.3, [G]63.2520(b), (d), (d)(1)-(2), 63.2520(d)(2)(i)-(vii), [G](d)(4), 63.2520(e), (e)(1)-(4), (e)(5)(i)-(ii) 63.2520(e)(5)(ii)(A)-(B), (e)(5)(ii)(D), 63.2520(e)(5)(iii)(C), (e)(5)(iii)(E), 63.2520(e)(7), (e)(9)-(10), [G](e)(10)(i), 63.2520(e)(10)(ii)(C), [G](e)(14)-(15)
	B94P7FU1 (Connectors in Heavy Liquid Service)	63H-ALL	HAPS	[G]63.169, [G]63.180(b), [G](d)	63.181(a), [G](b), (c), [G](d), [G](i)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7FU1 (Valves in Heavy Liquid Service)	63H-ALL	HAPS	[G]63.169, [G]63.180(b), [G](d)	63.181(a), [G](b), (c), [G](d), [G](i)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7FU1 (Agitators in Heavy Liquid Service)	63H-ALL	HAPS	[G]63.169, [G]63.180(b), [G](d)	63.181(a), [G](b), (c), [G](d), [G](i)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B94P7FU1 (Instrumentation Systems)	63H-ALL	HAPS	[G]63.169, [G]63.180(b), [G](d)	63.181(a), [G](b), (c), [G](d)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7FU1 (Pressure Relief Device in Liquid Service)	63H-ALL	HAPS	[G]63.169, [G]63.180(b), [G](d)	63.181(a), [G](b), (c), [G](d)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7FU1 (Surge Control Vessels and Bottoms Receivers)	63H-ALL	HAPS	[G]63.180(b), [G](d)	63.181(a), [G](b), (c)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7FU1 (Agitators in Gas/Vapor and Light Liquid Service)	63H-ALL	HAPS	[G]63.173, [G]63.180(b), [G](d)	63.181(a), [G](b), (c), [G](d)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7FU1 (Connectors in Gas/Vapor Service)	63H-ALL	HAPS	[G]63.174, [G]63.180(b), [G](d)	63.181(a), [G](b), (c), [G](d)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7FU1 (Pumps in Heavy Liquid Service)	63H-ALL	HAPS	[G]63.169, [G]63.180(b), [G](d)	63.181(a), [G](b), (c), [G](d), [G](i)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7FU1 (HAP service less than 300 hours per year)	63H-ALL	HAPS	[G]63.180(d)	63.181(a), [G](b), (c), [G](i), (j)	[G]63.182(a)-(b)
	B94P7FU1 (Compressors)	63H-ALL	HAPS	[G]63.164, [G]63.180(b)-(d)	63.181(a), [G](b), (c), [G](d), [G](f)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7FU1 (Pressure Relief Devices in Gas/Vapor Service)	63H-ALL	HAPS	[G]63.165, [G]63.180(b)-(d)	63.181(a), [G](b), (c), [G](f)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B94P7FU1 (Sampling Connection Systems)	63H-ALL	HAPS	[G]63.180(b), [G](d)	63.181(a), [G](b), (c), [G](i)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7FU1 (Valves in Gas/Vapor and Light Liquid Service)	63H-ALL	HAPS	[G]63.168, [G]63.175, [G]63.180(b), [G](d)	63.181, [G](b), (c), [G](d), (h), [G]63.181(h)(1)-(2), (h)(4), [G](h)(5), 63.181(h)(6)-(7)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7FU1 (Open-ended Valves or Lines)	63H-ALL	HAPS	[G]63.175, [G]63.180(b), [G](d)	63.181, [G](b), (c), (h), [G]63.181(h)(1)-(2), (h)(4), [G]63.181(h)(5), (h)(6)-(7), [G](i)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7FU1 (Pumps in Light Liquid Service)	63H-ALL	HAPS	[G]63.163, [G]63.176, [G]63.180(b), [G](d)	63.181, [G](b), (c), [G](d), (h), [G]63.181(h)(3), (h)(4), [G](h)(5), 63.181(h)(6)-(8)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7FU2	R5352-ALL	VOC	ALL	ALL	ALL
	B94P7FU2	60DDD-ALL	VOC	ALL	ALL	ALL
	B94P7FU2	R5780-ALL	HRVOC	ALL	ALL	ALL
	B94P7FU2	63FFFF-01	HAPS	[G]63.180(b)-(d), 63.2480(b)(7), 63.2480(e)(2)(ii), [G](e)(2)-(5)	63.181(a), [G](b), (c), [G](f), 63.2445(g)(7), 63.2525(a), [G](b), 63.2525(f), (j), [G](p), [G](q), (t), 63.2525(u)(1)-(3)	[G]63.182(a)-(b), (c), [G](c)(1), (c)(4), [G]63.182(d), 63.2445(c), (g)(7), 63.2450(m)(1)-(3), 63.2515(a), (b)(1), 63.2515(d), 63.2520(a), Table 11.1-11.3, [G]63.2520(b), (d), (d)(1)-(2), 63.2520(d)(2)(i)-(vii), [G](d)(4), 63.2520(e), (e)(1)-(4), (e)(5)(i)-(ii) 63.2520(e)(5)(ii)(A)-(B), (e)(5)(ii)(D), 63.2520(e)(5)(iii)(C), (e)(5)(iii)(E), 63.2520(e)(7), (e)(9)-(10), [G](e)(10)(i), 63.2520(e)(10)(ii)(C), [G](e)(14)-(15)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B94P7FU2 (Connectors in Heavy Liquid Service)	63H-ALL	HAPS	[G]63.169, [G]63.180(b), [G](d)	63.181(a), [G](b), (c), [G](d), [G](i)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7FU2 (Valves in Heavy Liquid Service)	63H-ALL	HAPS	[G]63.169, [G]63.180(b), [G](d)	63.181(a), [G](b), (c), [G](d), [G](i)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7FU2 (Agitators in Heavy Liquid Service)	63H-ALL	HAPS	[G]63.169, [G]63.180(b), [G](d)	63.181(a), [G](b), (c), [G](d), [G](i)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7FU2 (Instrumentation Systems)	63H-ALL	HAPS	[G]63.169, [G]63.180(b), [G](d)	63.181(a), [G](b), (c), [G](d)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7FU2 (Pressure Relief Device in Liquid Service)	63H-ALL	HAPS	[G]63.169, [G]63.180(b), [G](d)	63.181(a), [G](b), (c), [G](d)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7FU2 (Surge Control Vessels and Bottoms Receivers)	63H-ALL	HAPS	[G]63.180(b), [G](d)	63.181(a), [G](b), (c)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7FU2 (Agitators in Gas/Vapor and Light Liquid Service)	63H-ALL	HAPS	[G]63.173, [G]63.180(b), [G](d)	63.181(a), [G](b), (c), [G](d)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7FU2 (Connectors in Gas/Vapor Service)	63H-ALL	HAPS	[G]63.174, [G]63.180(b), [G](d)	63.181(a), [G](b), (c), [G](d)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7FU2 (Pumps in Heavy Liquid Service)	63H-ALL	HAPS	[G]63.169, [G]63.180(b), [G](d)	63.181(a), [G](b), (c), [G](d), [G](i)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B94P7FU2 (HAP service less than 300 hours per year)	63H-ALL	HAPS	[G]63.180(d)	63.181(a), [G](b), (c), [G](i), (j)	[G]63.182(a)-(b)
	B94P7FU2 (Compressors)	63H-ALL	HAPS	[G]63.164, [G]63.180(b)-(d)	63.181(a), [G](b), (c), [G](d), [G](f)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7FU2 (Pressure Relief Devices in Gas/Vapor Service)	63H-ALL	HAPS	[G]63.165, [G]63.180(b)-(d)	63.181(a), [G](b), (c), [G](f)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7FU2 (Sampling Connection Systems)	63H-ALL	HAPS	[G]63.180(b), [G](d)	63.181(a), [G](b), (c), [G](i)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7FU2 (Valves in Gas/Vapor and Light Liquid Service)	63H-ALL	HAPS	[G]63.168, [G]63.175, [G]63.180(b), [G](d)	63.181, [G](b), (c), [G](d), (h), [G]63.181(h)(1)-(2), (h)(4), [G](h)(5), 63.181(h)(6)-(7)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7FU2 (Open-ended Valves or Lines)	63H-ALL	HAPS	[G]63.175, [G]63.180(b), [G](d)	63.181, [G](b), (c), (h), [G]63.181(h)(1)-(2), (h)(4), [G]63.181(h)(5), (h)(6)-(7), [G](i)	[G]63.182(a)-(b), (c), [G](c)(1), 63.182(c)(4), [G](d)
	B94P7H510	R7ICI-01	NO _x	[G]117.335(a)(1), (a)(4), (b), (d), 117.335(e), (g), 117.340(a), (l)(2), 117.340(o)(1), (p)(1), 117.340(p)(2)(A)-(C), 117.8000(b)-(c), (c)(1), (c)(3), 117.8000(c)(5)-(6), [G](d)	117.345(a), (f), (f)(1), (f)(9)	117.335(b), (g), 117.340(p)(2)(D), [G]117.345(b)-(c), 117.8010, [G](1), 117.8010(2), (2)(A)-(D), [G](3), (4), [G]117.8010(5), (6)-(8),
	B94P7H510	R7ICI-01	CO	[G]117.335(a)(1), (a)(4), (b), (d), 117.335(e), (g), 117.340(a), 117.8000(b)-(c), 117.8000(c)(2)-(3), (c)(5)-(6), [G]117.8000(d), 117.8120, (2), [G]117.8120(2)(A), (2)(B)	117.345(a), (f), (f)(1), (f)(9)	117.335(b), (g), [G]117.345(b)-(c), 117.8010, [G](1), (2), (2)(A)-(B), [G]117.8010(3), (4), [G](5), (6), [G]117.8010(7)-(8)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B94P7H510	63DDDDD-01	HAPS	63.7510(g), 63.7515(d), [G]63.7521(f)-(g), (h)-(i), 63.7530(g), 63.7540(a), [G](a)(10) [G]63.7540(c)	63.7555(a), (a)(1)-(2), (g)-(h), 63.7560(a)-(c)	[G]§63.7521(g), 63.7530(e)-(f), 63.7545(a)-(c), [G](e)-(f), 63.7550(a), [G]63.7550(b)-(c), [G](h)
	B94P7H510	60Dc-01	SO ₂	NONE	60.48c(g)(1)-(3), (i)	[G]60.48c(a), (j)
	B94P7H510	60Dc-01	PM	NONE	60.48c(g)(1)-(3), (i)	[G]60.48c(a), (j)
	B94P7H510	60Dc-01	PM (Opacity)	NONE	60.48c(g)(1)-(3), (i)	[G]60.48c(a), (j)
	B94P7H510	R1111-01	PM (Opacity)	[G]111.111(a)(1)(F)	NONE	NONE
	B94P7H510	R5121-01	VOC	[G]115.125, 115.126(1), (1)(A), 115.126(1)(A)(i), (2)	115.126, (1), (1)(A), (1)(A)(i), (2)	NONE
	B94P7H510	R5720-01	HRVOC	115.725(a), (a)(2)(A)-(D), (a)(3), 115.725(a)(3)(B), [G](a)(4), (a)(5), [G]117.725(l), (n)	115.726(b)(1), (b)(2)-(3), (i), 115.726(j)(1)-(2)	[G]115.725(a)(4), (a)(5), (n), [G]115.726(a)(2)
	B94P7KO81	R5121-01	VOC	115.125, 115.126(1), (1)(B), (2)	115.126, (1), (1)(B), (2)	NONE
	B94P7KO81	R5720-01	HRVOC	115.725(n)	115.726(d)(1), (d)(2), (d)(3)-(4), 115.726(i), (j)(1), (j)(2)	115.725(n)
	B94P7LR3	R5211-01	VOC	115.212(a)(3)(B), 115.213(b), 115.213(b)(1), 115.214(a)(1)(A), 115.214(a)(1)(A)(i), 115.215, (1), [G]115.215(2), [G](3), (4), (9), 115.215(10)	115.213(b)(1), 115.216, (2), 115.216(3)(A), (3)(A)(i)-(iii), 115.216(3)(B)	115.213(b)(1)-(4)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B94P7LR3	63FFFF-01	HAPS	[G]63.115(d)(2)(v), (d)(3)(iii), 63.983(a)(3), (a)(3)(i)-(ii), (b), [G]63.983(b)(1)-(4), [G](c)(1), 63.983(c)(2)-(3), (d)(1), (d)(1)(ii), [G]63.987(b)(3)(i), (b)(3)(ii)-(iv), 63.987(c), 63.997(a), [G](c)(1), 63.997(c)(2)-(3), (c)(3)(i)	63.2450(f)(2), (f)(2)(i)-(ii), 63.983(a)(3)(i)-(ii), (b), [G](d)(2), 63.987(c), 63.998(a)(1), [G]63.998(a)(1)(i), (a)(1)(ii), 63.998(a)(1)(iii)(A)-(B) [G]63.998(b)(1)-(3), [G](b)(5) [G]63.998(d)(1), (d)(3)(i)-(ii), 63.998(d)(5)	63.2450(f)(2)(ii), (q) 63.997(c)(3), 63.998(a)(1)(iii)(A), [G]63.998(b)(3), [G]63.999(a)(1)-(2), 63.999(b)(5), (c)(1), (c)(2)(i)-(iii), (c)(3), 63.999(c)(6), [G](c)(6)(i), (c)(6)(iv), [G]63.999(d)(1)-(2)
	B94P7PV300	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	B94P7PV410	R1111-01	PM (Opacity)	[G]111.111(a)(1)(F)	NONE	NONE
	B94P7PV410	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	B94P7PV410	R5720-01	HRVOC	NONE	115.726(e)(3)(A), (j)(2)	NONE
	B94P7PV443	R1111-01	PM (Opacity)	[G]111.111(a)(1)(F)	NONE	NONE
	B94P7PV443	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	B94P7PV443	R5720-01	HRVOC	NONE	115.726(e)(3)(A), (j)(2)	NONE
	B94P7PV51A	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	B94P7PV51A	R5720-01	HRVOC	NONE	115.726(e)(3)(A), (j)(2)	NONE
	B94P7PV51A	63FFFF-01	HAPS	63.115(d), [G](d)(1), (d)(2), 63.115(d)(2)(i), [G](d)(2)(ii), 63.115(d)(2)(iii)-(iv), (d)(3)(i)-(ii)	NONE	NONE

TCEQ-10018 (APDG 5939v2, Revised 06/15) OP-REQ3

This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V Release 11/08)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B94P7PV51B	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	B94P7PV51B	R5720-01	HRVOC	NONE	115.726(e)(3)(A), (j)(2)	NONE
	B94P7PV51B	63FFFF-01	HAPS	63.115(d), [G](d)(1), (d)(2), 63.115(d)(2)(i), [G](d)(2)(ii), 63.115(d)(2)(iii)-(iv), (d)(3)(i)-(ii)	NONE	NONE
	B94P7PV511	R5720-01	HRVOC	115.725(a), (a)(2)(A)-(D), (a)(3), 115.725(a)(3)(B), [G](a)(4), (a)(5), [G]117.725(l), (n)	115.726(b)(1), (b)(2)-(3), (i), 115.726(j)(1)-(2)	[G]115.725(a)(4), (a)(5), (n), [G]115.726(a)(2)
	B94P7PV516	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	B94P7PV517	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	B94P7PV521	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	B94P7PV521	R5720-01	HRVOC	NONE	115.726(e)(3)(A), (j)(2)	NONE
	B94P7PV521A	R5720-01	HRVOC	115.725(a), (a)(2)(A)-(D), (a)(3), 115.725(a)(3)(B), [G](a)(4), (a)(5), [G]117.725(l), (n)	115.726(b)(1), (b)(2)-(3), (i), 115.726(j)(1)-(2)	[G]115.725(a)(4), (a)(5), (n), [G]115.726(a)(2)
	B94P7PV521B	R5720-01	HRVOC	115.725(a), (a)(2)(A)-(D), (a)(3), 115.725(a)(3)(B), [G](a)(4), (a)(5), [G]117.725(l), (n)	115.726(b)(1), (b)(2)-(3), (i), 115.726(j)(1)-(2)	[G]115.725(a)(4), (a)(5), (n), [G]115.726(a)(2)
	B94P7PV7511A	R1111-01	PM (Opacity)	[G]111.111(a)(1)(F)	NONE	NONE
	B94P7PV7511B	R1111-01	PM (Opacity)	[G]111.111(a)(1)(F)	NONE	NONE

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B94P7PV808	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	B94P7PV921	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	B94P7PV921	R5720-01	HRVOC	NONE	115.726(e)(3)(A), (j)(2)	NONE
	B94P7PV922	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	B94P7PV922	R5720-01	HRVOC	NONE	115.726(e)(3)(A), (j)(2)	NONE
	B94P7PV923	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	B94P7PV923	R5720-01	HRVOC	NONE	115.726(e)(3)(A), (j)(2)	NONE
	B94P7PV924	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	B94P7PV924	R5720-01	HRVOC	NONE	115.726(e)(3)(A), (j)(2)	NONE
	B94P7PV925	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	B94P7PV925	R5720-01	HRVOC	NONE	115.726(e)(3)(A), (j)(2)	NONE
	B94P7PV926	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	B94P7PV926	R5720-01	HRVOC	NONE	115.726(e)(3)(A), (j)(2)	NONE
	B94P7PV927	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B94P7PV927	R5720-01	HRVOC	NONE	115.726(e)(3)(A), (j)(2)	NONE
	B94P7PV928	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	B94P7PV928	R5720-01	HRVOC	NONE	115.726(e)(3)(A), (j)(2)	NONE
	B94P7PV990A	R1111-01	PM (Opacity)	[G]111.111(a)(1)(F)	NONE	NONE
	B94P7PV990A	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	B94P7PV990A	R5720-01	HRVOC	NONE	115.726(e)(3)(A), (j)(2)	NONE
	B94P7PV990B	R1111-01	PM (Opacity)	[G]111.111(a)(1)(F)	NONE	NONE
	B94P7PV990B	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	B94P7PV990B	R5720-01	HRVOC	NONE	115.726(e)(3)(A), (j)(2)	NONE
	B94P7PV991A	R1111-01	PM (Opacity)	[G]111.111(a)(1)(F)	NONE	NONE
	B94P7PV991A	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	B94P7PV991A	R5720-01	HRVOC	NONE	115.726(e)(3)(A), (j)(2)	NONE
	B94P7PV991B	R1111-01	PM (Opacity)	[G]111.111(a)(1)(F)	NONE	NONE
	B94P7PV991B	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B94P7PV991B	R5720-01	HRVOC	NONE	115.726(e)(3)(A), (j)(2)	NONE
	B94P7PV992A	R1111-01	PM (Opacity)	[G]111.111(a)(1)(F)	NONE	NONE
	B94P7PV992A	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	B94P7PV992A	R5720-01	HRVOC	NONE	115.726(e)(3)(A), (j)(2)	NONE
	B94P7PV992B	R1111-01	PM (Opacity)	[G]111.111(a)(1)(F)	NONE	NONE
	B94P7PV992B	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	B94P7PV992B	R5720-01	HRVOC	NONE	115.726(e)(3)(A), (j)(2)	NONE
	B94P7PV993A	R1111-01	PM (Opacity)	[G]111.111(a)(1)(F)	NONE	NONE
	B94P7PV993A	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	B94P7PV993A	R5720-01	HRVOC	NONE	115.726(e)(3)(A), (j)(2)	NONE
	B94P7PV993B	R1111-01	PM (Opacity)	[G]111.111(a)(1)(F)	NONE	NONE
	B94P7PV993B	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	B94P7PV993B	R5720-01	HRVOC	NONE	115.726(e)(3)(A), (j)(2)	NONE
	B94P7SP808	R5132-01	VOC	[G]115.135(a), 115.136(a)(3)-(4)	115.136(a)(3)-(4)	NONE

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B94P7ST311	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	B94P7ST311	63FFFF-01	HAPS	63.2470(c)(1), 63.983(a)(3), 63.983(a)(3)(i)-(ii), (b), [G]63.983(b)(1)-(4), [G](c)(1), 63.983(c)(2)-(3), (d)(1), (d)(1)(ii), [G]63.987(b)(3)(i), (b)(3)(ii)-(iv), 63.987(c), 63.997(a), [G](c)(1), 63.997(c)(2)-(3), (c)(3)(i)-(ii) [G]63.115(d)(2)(v), (d)(3)(iii)	63.2450(f)(2), (f)(2)(i)-(ii), 63.2470(c)(1), 63.983(a)(3)(i)-(ii), 63.983(b), [G](d)(2), 63.987(c) 63.998(a)(1), [G](a)(1)(i), 63.998(a)(1)(ii), (a)(1)(iii)(A)-(B), [G]63.998(b)(1)-(3), [G](b)(5), [G]63.998(c)(1), [G](d)(1), 63.998(d)(3)(i)-(ii), (d)(5)	63.2450(f)(2)(ii), (q), 63.2470(d), 63.997(c)(3), 63.998(a)(1)(iii)(A), [G]63.998(b)(3), [G]63.999(a)(1)-(2), 63.999(b)(5), (c)(1), (c)(2)(i)-(iii), (c)(3), 63.999(c)(6), [G](c)(6)(i), (c)(6)(iv), [G]63.999(d)(1)-(2)
	B94P7ST321	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	B94P7ST321	63FFFF-01	HAPS	63.2470(c)(1), 63.983(a)(3), 63.983(a)(3)(i)-(ii), (b), [G]63.983(b)(1)-(4), [G](c)(1), 63.983(c)(2)-(3), (d)(1), (d)(1)(ii), [G]63.987(b)(3)(i), (b)(3)(ii)-(iv), 63.987(c), 63.997(a), [G](c)(1), 63.997(c)(2)-(3), (c)(3)(i)-(ii) [G]63.115(d)(2)(v), (d)(3)(iii)	63.2450(f)(2), (f)(2)(i)-(ii), 63.2470(c)(1), 63.983(a)(3)(i)-(ii), 63.983(b), [G](d)(2), 63.987(c) 63.998(a)(1), [G](a)(1)(i), 63.998(a)(1)(ii), (a)(1)(iii)(A)-(B), [G]63.998(b)(1)-(3), [G](b)(5), [G]63.998(c)(1), [G](d)(1), 63.998(d)(3)(i)-(ii), (d)(5)	63.2450(f)(2)(ii), (q), 63.2470(d), 63.997(c)(3), 63.998(a)(1)(iii)(A), [G]63.998(b)(3), [G]63.999(a)(1)-(2), 63.999(b)(5), (c)(1), (c)(2)(i)-(iii), (c)(3), 63.999(c)(6), [G](c)(6)(i), (c)(6)(iv), [G]63.999(d)(1)-(2)
	B94P7ST412	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B94P7ST412	63FFFF-01	HAPS	63.2470(c)(1), 63.983(a)(3), 63.983(a)(3)(i)-(ii), (b), [G]63.983(b)(1)-(4), [G](c)(1), 63.983(c)(2)-(3), (d)(1), (d)(1)(ii), [G]63.987(b)(3)(i), (b)(3)(ii)-(iv), 63.987(c), 63.997(a), [G](c)(1), 63.997(c)(2)-(3), (c)(3)(i)-(ii) [G]63.115(d)(2)(v), (d)(3)(iii)	63.2450(f)(2), (f)(2)(i)-(ii), 63.2470(c)(1), 63.983(a)(3)(i)-(ii), 63.983(b), [G](d)(2), 63.987(c) 63.998(a)(1), [G](a)(1)(i), 63.998(a)(1)(ii), (a)(1)(iii)(A)-(B), [G]63.998(b)(1)-(3), [G](b)(5), [G]63.998(c)(1), [G](d)(1), 63.998(d)(3)(i)-(ii), (d)(5)	63.2450(f)(2)(ii), (q), 63.2470(d), 63.997(c)(3), 63.998(a)(1)(iii)(A), [G]63.998(b)(3), [G]63.999(a)(1)-(2), 63.999(b)(5), (c)(1), (c)(2)(i)-(iii), (c)(3), 63.999(c)(6), [G](c)(6)(i), (c)(6)(iv), [G]63.999(d)(1)-(2)
	B94P7ST413	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	B94P7ST413	63FFFF-01	HAPS	63.2470(c)(1), 63.983(a)(3), 63.983(a)(3)(i)-(ii), (b), [G]63.983(b)(1)-(4), [G](c)(1), 63.983(c)(2)-(3), (d)(1), (d)(1)(ii), [G]63.987(b)(3)(i), (b)(3)(ii)-(iv), 63.987(c), 63.997(a), [G](c)(1), 63.997(c)(2)-(3), (c)(3)(i)-(ii) [G]63.115(d)(2)(v), (d)(3)(iii)	63.2450(f)(2), (f)(2)(i)-(ii), 63.2470(c)(1), 63.983(a)(3)(i)-(ii), 63.983(b), [G](d)(2), 63.987(c) 63.998(a)(1), [G](a)(1)(i), 63.998(a)(1)(ii), (a)(1)(iii)(A)-(B), [G]63.998(b)(1)-(3), [G](b)(5), [G]63.998(c)(1), [G](d)(1), 63.998(d)(3)(i)-(ii), (d)(5)	63.2450(f)(2)(ii), (q), 63.2470(d), 63.997(c)(3), 63.998(a)(1)(iii)(A), [G]63.998(b)(3), [G]63.999(a)(1)-(2), 63.999(b)(5), (c)(1), (c)(2)(i)-(iii), (c)(3), 63.999(c)(6), [G](c)(6)(i), (c)(6)(iv), [G]63.999(d)(1)-(2)
	B94P7ST414	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	B94P7ST414	63FFFF-01	HAPS	63.2470(c)(1), 63.983(a)(3), 63.983(a)(3)(i)-(ii), (b), [G]63.983(b)(1)-(4), [G](c)(1), 63.983(c)(2)-(3), (d)(1), (d)(1)(ii), [G]63.987(b)(3)(i), (b)(3)(ii)-(iv), 63.987(c), 63.997(a), [G](c)(1), 63.997(c)(2)-(3), (c)(3)(i)-(ii) [G]63.115(d)(2)(v), (d)(3)(iii)	63.2450(f)(2), (f)(2)(i)-(ii), 63.2470(c)(1), 63.983(a)(3)(i)-(ii), 63.983(b), [G](d)(2), 63.987(c) 63.998(a)(1), [G](a)(1)(i), 63.998(a)(1)(ii), (a)(1)(iii)(A)-(B), [G]63.998(b)(1)-(3), [G](b)(5), [G]63.998(c)(1), [G](d)(1), 63.998(d)(3)(i)-(ii), (d)(5)	63.2450(f)(2)(ii), (q), 63.2470(d), 63.997(c)(3), 63.998(a)(1)(iii)(A), [G]63.998(b)(3), [G]63.999(a)(1)-(2), 63.999(b)(5), (c)(1), (c)(2)(i)-(iii), (c)(3), 63.999(c)(6), [G](c)(6)(i), (c)(6)(iv), [G]63.999(d)(1)-(2)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B94P7ST419	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	B94P7ST511	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	B94P7ST611	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	B94P7ST611	63FFFF-01	HAPS	63.2470(c)(1), 63.983(a)(3), 63.983(a)(3)(i)-(ii), (b), [G]63.983(b)(1)-(4), [G](c)(1), 63.983(c)(2)-(3), (d)(1), (d)(1)(ii), [G]63.987(b)(3)(i), (b)(3)(ii)-(iv), 63.987(c), 63.997(a), [G](c)(1), 63.997(c)(2)-(3), (c)(3)(i)-(ii) [G]63.115(d)(2)(v), (d)(3)(iii)	63.2450(f)(2), (f)(2)(i)-(ii), 63.2470(c)(1), 63.983(a)(3)(i)-(ii), 63.983(b), [G](d)(2), 63.987(c) 63.998(a)(1), [G](a)(1)(i), 63.998(a)(1)(ii), (a)(1)(iii)(A)-(B), [G]63.998(b)(1)-(3), [G](b)(5), [G]63.998(c)(1), [G](d)(1), 63.998(d)(3)(i)-(ii), (d)(5)	63.2450(f)(2)(ii), (q), 63.2470(d), 63.997(c)(3), 63.998(a)(1)(iii)(A), [G]63.998(b)(3), [G]63.999(a)(1)-(2), 63.999(b)(5), (c)(1), (c)(2)(i)-(iii), (c)(3), 63.999(c)(6), [G](c)(6)(i), (c)(6)(iv), [G]63.999(d)(1)-(2)
	B94P7ST809	60Kb-01	VOC	60.113b(d), 60.116b(a)-(b), (e), 60.116b(e)(1), [G](e)(3), [G]60.485(b)	60.115b, (d)(2), 60.116b(a)-(b)	60.115b, (d)(1), (d)(3)
	B94P7ST809	R5112-01	VOC	115.115(a), (a)(6), 115.116(a)(2), [G]115.117	115.118(a)(4), (a)(4)(F), (a)(5), 115.118(a)(7)	NONE
	B94P7ST809	63FFFF-01	HAPS	63.2470(c)(1), 63.983(a)(3), 63.983(a)(3)(i)-(ii), (b), [G]63.983(b)(1)-(4), [G](c)(1), 63.983(c)(2)-(3), (d)(1), (d)(1)(ii), [G]63.987(b)(3)(i), (b)(3)(ii)-(iv), 63.987(c), 63.997(a), [G](c)(1), 63.997(c)(2)-(3), (c)(3)(i)-(ii) [G]63.115(d)(2)(v), (d)(3)(iii)	63.2450(f)(2), (f)(2)(i)-(ii), 63.2470(c)(1), 63.983(a)(3)(i)-(ii), 63.983(b), [G](d)(2), 63.987(c) 63.998(a)(1), [G](a)(1)(i), 63.998(a)(1)(ii), (a)(1)(iii)(A)-(B), [G]63.998(b)(1)-(3), [G](b)(5), [G]63.998(c)(1), [G](d)(1), 63.998(d)(3)(i)-(ii), (d)(5)	63.2450(f)(2)(ii), (q), 63.2470(d), 63.997(c)(3), 63.998(a)(1)(iii)(A), [G]63.998(b)(3), [G]63.999(a)(1)-(2), 63.999(b)(5), (c)(1), (c)(2)(i)-(iii), (c)(3), 63.999(c)(6), [G](c)(6)(i), (c)(6)(iv), [G]63.999(d)(1)-(2)

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B94P7ST812	60Kb-01	VOC	60.116b(a)-(e), (e)(1), [G](e)(3)	60.116(a)-(c)	60.116b(d)
	B94P7ST812	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	B94P7ST812	63FFFF-01	HAPS	63.2470(c)(1), 63.983(a)(3), 63.983(a)(3)(i)-(ii), (b), [G]63.983(b)(1)-(4), [G](c)(1), 63.983(c)(2)-(3), (d)(1), (d)(1)(ii), [G]63.987(b)(3)(i), (b)(3)(ii)-(iv), 63.987(c), 63.997(a), [G](c)(1), 63.997(c)(2)-(3), (c)(3)(i)-(ii) [G]63.115(d)(2)(v), (d)(3)(iii)	63.2450(f)(2), (f)(2)(i)-(ii), 63.2470(c)(1), 63.983(a)(3)(i)-(ii), 63.983(b), [G](d)(2), 63.987(c) 63.998(a)(1), [G](a)(1)(i), 63.998(a)(1)(ii), (a)(1)(iii)(A)-(B), [G]63.998(b)(1)-(3), [G](b)(5), [G]63.998(c)(1), [G](d)(1), 63.998(d)(3)(i)-(ii), (d)(5)	63.2450(f)(2)(ii), (q), 63.2470(d), 63.997(c)(3), 63.998(a)(1)(iii)(A), [G]63.998(b)(3), [G]63.999(a)(1)-(2), 63.999(b)(5), (c)(1), (c)(2)(i)-(iii), (c)(3), 63.999(c)(6), [G](c)(6)(i), (c)(6)(iv), [G]63.999(d)(1)-(2)
	B94P7ST816	60Kb-01	VOC	60.113b(d), 60.116b(a)-(b), (e), 60.116b(e)(1), [G](e)(3), [G]60.485(b)	60.115b, (d)(2), 60.116b(a)-(b)	60.115b, (d)(1), (d)(3)
	B94P7ST816	R5112-01	VOC	115.115(a), (a)(6), 115.116(a)(2), [G]115.117	115.118(a)(4), (a)(4)(F), (a)(5), 115.118(a)(7)	NONE
	B94P7ST816	63FFFF-01	HAPS	63.2470(c)(1), 63.983(a)(3), 63.983(a)(3)(i)-(ii), (b), [G]63.983(b)(1)-(4), [G](c)(1), 63.983(c)(2)-(3), (d)(1), (d)(1)(ii), [G]63.987(b)(3)(i), (b)(3)(ii)-(iv), 63.987(c), 63.997(a), [G](c)(1), 63.997(c)(2)-(3), (c)(3)(i)-(ii) [G]63.115(d)(2)(v), (d)(3)(iii)	63.2450(f)(2), (f)(2)(i)-(ii), 63.2470(c)(1), 63.983(a)(3)(i)-(ii), 63.983(b), [G](d)(2), 63.987(c) 63.998(a)(1), [G](a)(1)(i), 63.998(a)(1)(ii), (a)(1)(iii)(A)-(B), [G]63.998(b)(1)-(3), [G](b)(5), [G]63.998(c)(1), [G](d)(1), 63.998(d)(3)(i)-(ii), (d)(5)	63.2450(f)(2)(ii), (q), 63.2470(d), 63.997(c)(3), 63.998(a)(1)(iii)(A), [G]63.998(b)(3), [G]63.999(a)(1)-(2), 63.999(b)(5), (c)(1), (c)(2)(i)-(iii), (c)(3), 63.999(c)(6), [G](c)(6)(i), (c)(6)(iv), [G]63.999(d)(1)-(2)
	B94P7UL1	R5211-01	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B94P7UL11	R5211-01	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	B94P7UL12	R5211-01	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	B94P7UL13	R5211-01	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	B94P7UL14	R5211-01	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	B94P7UL15	R5211-01	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	B94P7UL2	R5211-01	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	B94P7UL3	R5211-01	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	B94P7UL4	R5211-01	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	B94P7UL5	R5211-01	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	B94P7UL6	R5211-01	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	B94P7UL7	R5211-01	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	B94P7UL8	R5211-01	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	B94P7UL9	R5211-01	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	PROPP7A	63FFFF-01	HAPS	[T]63.2445(d), 63.2460(c)(2)(v)	63.2525, (a), [G](b), (c), (f), (j) 63.2525(e), (e)(2)-(3), [G](e)(4)	63.2435(d), 63.2445(c), 63.2450(g)(5), 63.2450(m), (m)(1)-(2), 63.2460(c)(1), 63.2515(a), (b)(1), (c), 63.2520(a), [G]63.2520(b)-(d), (e), (e)(1)-(5), 63.2520(e)(5)(i), [G](e)(5)(ii)-(iii), 63.2520(e)(5)(iv), (e)(6)-(7), (e)(9), [G]63.2520(e)(10), (e)(5)(iv)
	PROPP7B	63FFFF-01	HAPS	63.2450(g)(6), (k)(1)(ii), 63.2460(c)(2)(vi), 63.983(a)(3), 63.983(a)(3)(i)-(ii), (b), [G]63.983(b)(1)-(4), [G](c)(1), 63.983(c)(2)-(3), (d)(1), (d)(1)(ii), [G]63.115(d)(2)(v),	63.2450(k)(7), 63.2525(g), 63.2525(m)-(n), (p), 63.983(a)(3)(i)-(ii), (b), [G](d)(2), [G]63.998(d)(1)	63.2420(g)(5), 63.2520(d)(3), 63.2520(e)(11)-(12), (e)(14), [G]63.999, (c)(1), (c)(2)(i)-(iii)
	PROP7DDD1A	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD1B	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD2	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD3	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD4	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD5	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD6	60DDD-01	VOC	NONE	NONE	NONE

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	PROP7DDD7	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD8	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD9	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD10	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD11	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD12	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD13	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD14	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD15	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD16	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD17	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD18	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD19	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD20	60DDD-01	VOC	NONE	NONE	NONE

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	PROP7DDD21	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD22	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD23	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD24	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD25	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD26	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD27	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD28	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD29	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD30	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD31	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD32	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD33	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD34	60DDD-01	VOC	NONE	NONE	NONE

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBA
Company Name: The Dow Chemical Company	Area Name: Polyethylene 7	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	PROP7DDD35	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD36	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD37	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD38	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD39	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD40	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD41	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD42	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD43	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD44	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD45	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD46	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD47	60DDD-01	VOC	NONE	NONE	NONE
	PROP7DDD48	60DDD-01	VOC	NONE	NONE	NONE

SECTION 4 – Compliance Certification Forms

This Section contains the following forms:

OP-ACPS Application Compliance Plan and Schedule

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

Date: 09/16/2024	Regulated Entity No.: RN100225945	Permit No.: TBD
Company Name: The Dow Chemical Company		Area Name: Polyethylene 7 Plant

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

Part 1

A. Compliance Plan — Future Activity Committal Statement	
<p>The <i>Responsible Official</i> commits, utilizing reasonable effort, to the following: As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.</p>	
B. Compliance Certification - Statement for Units in Compliance* (Indicate response by entering an “X” in the appropriate column)	
1. With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. If the response to Item B.2, above, is “Yes,” indicate the total number of Part 2 attachments included in this submittal. (<i>For reference only</i>)	Not Applicable
<p><small>* For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status. For General Operating Permits (GOPs), the application documentation, particularly Form OP-REQ1 should be consulted as well as the requirements contained in the appropriate General Permits portion of 30 TAC Chapter 122.</small></p> <p><i>Compliance should be assessed based, at a minimum, on the required monitoring, testing, record keeping, and/or reporting requirements, as appropriate, associated with the applicable requirement in question.</i></p>	

SECTION 5 – General Facility Information

This Section contains the following:

Area Map

Process Flow Diagram

Process Description

Polyethylene 7 Plant

Process Description

Step 1 – Raw Material Feeds and Purification

Raw material feeds include: ethylene, comonomers, solvent, hydrogen, and catalyst.

- a. Ethylene is introduced into the plant via pipeline and then purified prior to use in the process.
- b. Comonomers (hexene and octene) are introduced into the plant via individual pipelines and stored in dedicated storage tanks. The comonomers are purified prior to being used in the process.
- c. Solvent is delivered into the plant via rail car or truck and is stored in an existing tank. The solvent is purified prior to being used in the process.
- d. Catalyst components are brought into the plant by cylinders, isotainers, and by pipeline and are stored on site or in dedicated tanks.
- e. Hydrogen is introduced into the plant via pipeline.

Step 2 – Reaction

The ethylene is mixed with purified solvent, comonomer, hydrogen, and catalyst in the reactors and a reaction takes place to produce polyethylene.

Step 3 – Separation and Cooling

The crude product mix is then forwarded to equipment that separates the unreacted ethylene and the solvent from the polyethylene product.

Step 4 – Ethylene and Solvent Recycle

Most of the unreacted ethylene is recovered and used again in the process. A portion of it is compressed and forwarded to a unit that recycles it into its process. When the unit is unable to take this ethylene, this gas is burned as fuel in the plant furnace or in the plant flare.

The solvent is recovered and recycled for reuse in the reaction step.

Step 5 – Solidification and Pelletization

Molten polymer is pumped from the separation area to a pelletizer where the polymer is solidified and pelletized under water. The water is then separated from the pelletized product that is finally dried in the spin dyers (centrifugal screened devices). The pellets are then size classified and separated in a closed vibrating screen classifier. The water is collected, cooled, and recirculated back to the pelletizer.

Step 6– Polymer Handling / Storage

The pelletized polyethylene product is air conveyed to the holdup hopper and then to silos. The vents from these silos are routed to the furnace to be burned as combustion air. The pellets are then gravity fed into rail cars for shipment to customers. During this operation, an air sweep is drawn across the vapor space in the rail car and out through a filter to remove particulate matter.

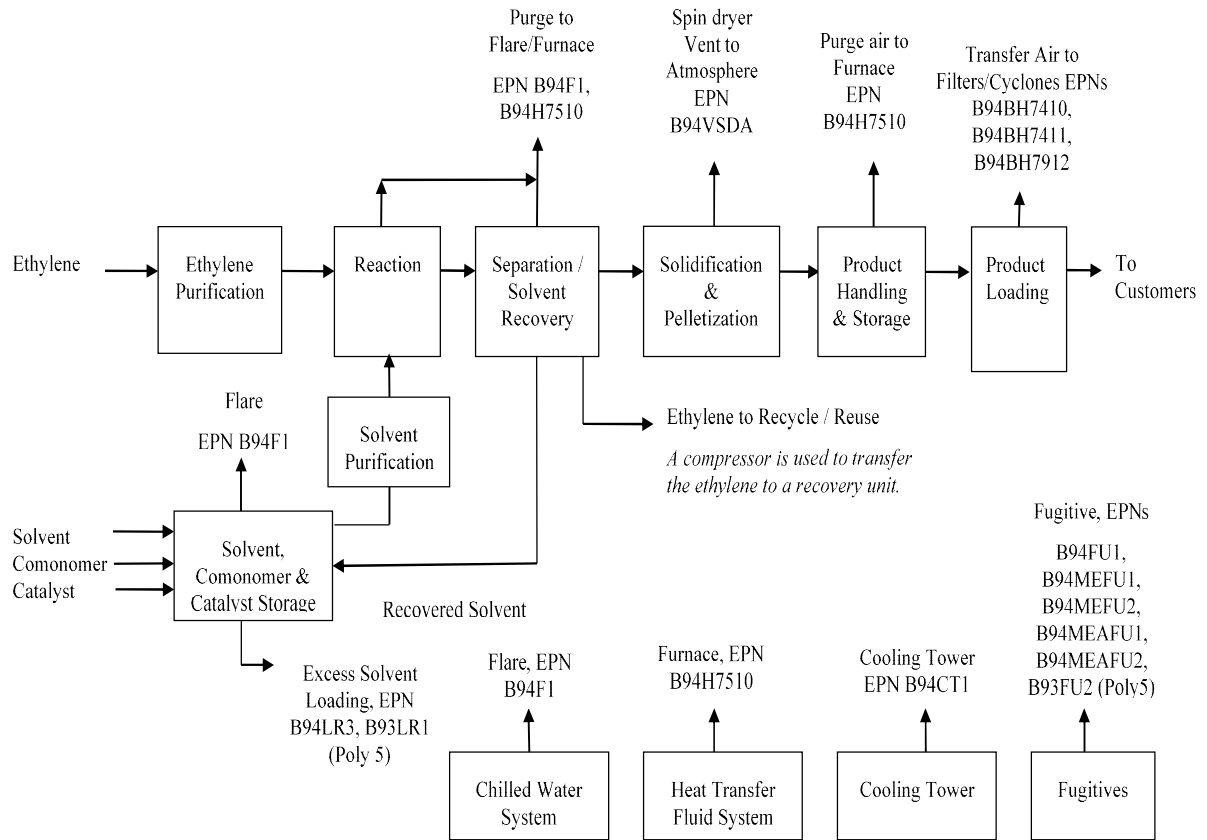
After pelletization, solvent is emitted from the solidified pellets through a comparatively slow diffusion process. Most of this solvent is diffused out of the pellets and purged out of the silos to the furnace. A portion of the solvent is diffused out in the spin dryer and the pellet transfer operations and is discharged to the atmosphere.

Process Description, continued

Process Flare	The flare burns the vent streams from the storage tanks, the packing on the propylene compressors, the purification bed regeneration systems, and from the catalyst and additive system vessels. The flare also serves as emergency treatment during process upsets.
Heat Transfer Fluid System	Heat Transfer fluid is heated in a fuel gas fired (natural gas or hydrogen) furnace and circulated in the process to provide the heat needed for the polymer/solvent separation.
Cooling Systems	<p>There is one cooling tower. Water from the cooling tower is used for cooling process streams in exchangers and tank/piping jackets in the process area.</p> <p>There is also a closed-loop propylene refrigeration system for cooling of various process streams. A refrigeration unit is used to chill the propylene.</p>

Process Flow Diagram

Polyethylene 7 Process Flow Chart



Area Map

